- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
ACD2000Q	A4Q-220-V3.04.08	MPEG4 M-JPEG	4	720x480	*2	*2	*2	*2	-	-	-	-	Yes	
Note:	Not support framerate 8 due to camera firmware issue.													
ACD2100	A1D-220-V3.08.08-AC	MPEG4 M-JPEG	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	
ACD2200	A4D-R2N-V2.05.02-AC	MPEG4 M-JPEG	4	720x480	2-way	8/8	Yes	Yes	-	-	-	-	Yes	
ACD2300		MPEG4 M-JPEG	8	720x480	2-way	16/16	Yes	Yes	-	-	-	-	Yes	Supported by design
ACD2400	AGD-R2N-V2.05.02-AC	MPEG4 M-JPEG	16	720x480	2-way	32/32	Yes	Yes	-	-	-	-	Yes	
ACM1011	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	
ACM1231		MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM1232		MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM1311		MPEG4 M-JPEG	1	720x480	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM1431		MPEG4 M-JPEG	1	720x480	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM1432		MPEG4 M-JPEG	1	720x480	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM1511	A1D-220-V3.11.13-AC	MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	
ACM3001		MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM3011		MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM3211		MPEG4 M-JPEG	1	720x480	2-way	-	Yes	Yes	-	-	-	-	Yes	Supported by design
ACM3311		MPEG4 M-JPEG	1	720x480	2-way	-	Yes	Yes	-	-	-	-	Yes	Supported by design
ACM3401	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	
ACM3411		MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM3511		MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM3601	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	-	Yes	
ACM3603		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM3701	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	-	-	-	Yes	
ACM3703	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	-	-	-	Yes	Supported by design

						- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support								
Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Camera Search Tool**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
ACM4000		MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM4001		MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM4100	A1D-220-V3.09.14-AC	MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	-	-	-	-	Yes	
ACM4200	A1D-220-V3.11.13-AC	MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	
ACM4201		MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	Supported by design
ACM5001		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
ACM5601	A1D-220-V3.08.08-AC	MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	Yes	
ACM5611		MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
ACM5711	A1D-220-V3.08.08-AC	MPEG4 M-JPEG	1	720x480	2-way	1/1	-	Yes	-	-	-	-	Yes	
ACM5811	A1D-220-V3.12.13-AC	MPEG4 M-JPEG	1	720x480	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
ACM7411	A1D-220-V3.09.14-AC	MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	Yes	
ACM7511	A1D-220-V3.12.13-AC	MPEG4 M-JPEG	1	720x480	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
ACM8201	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	Yes	-	-	-	-	Yes	
ACM8211	A1D-220-V3.09.14-AC	MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	Yes	-	-	-	-	Yes	
Note:	A1D-220-V3.09.14-AC: There is problem at 160x112 resolutions.													
ACM8511	A1D-220-V3.11.13-AC	MPEG4 M-JPEG	1	720x480	2-way	1/1	Yes	Yes	-	-	-	-	Yes	
Note:	ACD / ACM series cameras do not support FW 3.11.11.													
AMU9401	A1D-220-V3.10.22-NB	MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	
AMU9711	A1D-220-V3.10.22-NB	MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	-	-	-	-	Yes	
B27	Refer to B47(v6.08.30)	H.264 MJPEG	1	2048x1536	2-way	1/1	Yes	Yes	-	Yes	-	Yes*	Yes	Supported by design
B47	V6.08.30	H.264 MJPEG	1	2048x1536	2-way	1/1	Yes	Yes	-	Yes	-	Yes*	Yes	
B53	V6.06.16	H.264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	
Note:	1.The camera with highest quality and resolution is unable to achieve 30 fps and audio stutter.[camera performance limitation]													
B61	V6.08.30	H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	Yes	-	Yes*	Yes	
B67	V6.06.16	H.264 MJPEG	1	2048x1536	2-way	2/2	Yes	Yes	-	Yes	-	Yes*	Yes	

| | - : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support | | | | | | | | | | | | | |

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	1.The camera with highest quality and resolution is unable to achieve 30 fps and audio stutter.[camera performance limitation]													
B81	Refer to B61(v6.08.30)	H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	Yes	-	Yes*	Yes	Supported by design
B94	V6.06.16	H.264 MJPEG	1	1280x960	2-way	1/1	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	1.The camera with highest quality and resolution is unable to achieve 30 fps and audio stutter.[camera performance limitation]													
B95	A1D-500-V6.05.23-AC	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	1. Camera cannot achieve maximum FPS with high resolution and bitrate. (Camera performance limitation) 2. Audio has noise. (Camera performance limitation)													
B97	V6.06.16	H.264 MJPEG	1	2048x1536	2-way	1/1	Yes	Yes	-	Yes	-	Yes*	Yes	
CAM5130		MPEG4	1	720x480	-	1/1	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM5140		MPEG4	1	720x480	-	1/1	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM5150		MPEG4	1	720x480	-	1/1	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM5200		MPEG4	1	720x480	-	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM5201		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM5221	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	
CAM5300		MPEG4	1	720x480	-	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM5301		MPEG4	1	720x480	-	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM5321		MPEG4	1	720x480	-	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM5500		MPEG4	1	720x480	-	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM6100		MPEG4	1	720x480	2/2	-	Yes	Yes	-	-	-	-	Yes	
CAM6200	A1D-2.07.14-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM6220	A1D-2.07.14-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM6500		MPEG4	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM6510	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	
CAM6520		MPEG4	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM6600		MPEG4	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
								- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support						
CAM6610		MPEG4	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM6620		MPEG4	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM6630		MPEG4	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
CAM7100		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7120		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7200		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7220		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7300		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7301		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7320		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7321		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
CAM7322		MPEG4	1	720x480	1-way	1/1	-	Yes	-	-	-	-	Yes	Supported by design
D11	V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	-	-	Yes	
D12	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D21	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D22	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	
D31	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D32	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D41	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D42	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D51	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D52	V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
D54	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D55	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
D61	V6.03.17	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	-	-	Yes	
D62	Refer to E84 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	-	-	Yes	
D64	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D65	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D71	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D72	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D72A	Refer to Generic(A1D-500-V6.05.23-AC)	H264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	Supported by design
D81	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D82	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
D82A	Refer to Generic(A1D-500-	H264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	Supported by design
E11	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E12	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E13	V6.03.17	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	
E21	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E22	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	
E23	Refer to E34 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	-	-	Yes	
E24	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E25	Refer to D61 (V6.03.17)	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	-	-	Yes	
E26	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E31	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E33	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	
E34	V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E32	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support													
E41	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E42	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E43	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	
E44	Refer to E84 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	-	-	Yes	
E45	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E46	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E46A	V6.08.30	H264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	
Note:	1. In high resolution or high quality with MJPEG is unable to achieve framerate setting valueand video will delay.(Camera performance limitation)													
E51	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E52	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E53	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E54	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	
E55	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E56	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E61	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E62	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E63	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	
E64	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E65	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E66	Refer to D61 (V6.03.17)	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	-	-	Yes	
E67	Refer to E84 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	-	-	Yes	
E71	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E72	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E73	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	2-way	-	-	Yes	-	Yes	-	-	Yes	

	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
E74	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E81	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E82	A1D-500-V6.07.24-AC	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	Yes*	Yes	
Note:	1.Actualy camera bitrate may exceed configured value. (Camera firmware issue) 2.Main console Flip/mirror checkbox not sync with Web interface. (NUUO server limitation)													
E84	V6.03.17	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	-	-	Yes	
E85	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E86	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E86A	Refer to E46A (V6.08.30)	H264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	Supported by design
E87	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	-	-	Yes	
E91	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E92	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	*2	-	*2	-	-	Yes	Supported by design
E925	A1D-500-V6.09.07-AC	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	-	Yes*	Yes	
Note:	1. The camera with highest quality and resolution cannot achieve maximum FPS. (Camera performance limitation) 2. The camera cannot achieve maximum Bitrate. (Camera performance limitation)													
E95	V6.06.16	H.264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	-	Yes*	Yes	
E96	A1D-500-V6.05.23-AC	H264 MJPEG	1	2592x1944	-	-	-	Yes	-	Yes	-	Yes	Yes	
Note:	Fisheye camera													
Note:	For E13 and the certificate camera: 1. It will auto disconnect with software. For E84 and the certificate camera: 2. If set resolution to 640x360, it will get wrong value on get parameter.													
E97	V6.07.23	H.264 MJPEG	1	3648x2736	-	-	-	Yes	-	Yes	-	Yes*	Yes	
Note:	1. The actual framerate may not reach the setting value under high resolution and quality configuration. (Camera performance limitation) 2. The 2nd stream's actual bitrate is higher than settings.(Camera firmware issue) 3. The function "send mail by event" might fail to attach snapshot under high resolution (NUUO server limitation) 4. The motion signal would not stop when disabling motion event if the motion has been triggered. (NUUO server limitation)													
Generic	A1D-500-V6.05.23-AC	H264 MJPEG	1	3648x2736	2-way	1/1	Yes	Yes	-	-	-	Yes*	Yes	
Note:	Support generic dewarp Test model: B52													

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
I51	Refer to I71(A1D-500-V6.06.16-AC)	H.264 MJPEG	1	2592x1944	2-way	2/2	-	Yes	-	Yes	-	Yes	Yes	Supported by design
Note:	Fisheye camera													
I71	A1D-500-V6.07.24-AC	H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	1. Fisheye camera 2. Camera will automatically restart when it received too many upnp broadcasts in the same domain.													
I92	v6.08.30	H.264 MJPEG	1	1920x1080	*2	2/2	Yes	Yes	-	*2	-	Yes*	Yes	
I94	V6.06.16	H.264 MJPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	1.The camera with highest quality and resolution is unable to achieve 30 fps and audio stutter.[camera performance limitation]													
I96	V6.08.30	H.264 MJPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	1. In high resolution or high quality with MJPEG is unable to achieve framerate setting value and audio will stutter.(Camera performance limitation) 2. I/O is not synchronized with camera web. (Camera Firmware issue)													
KCM3211	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	
Note:	KCM3211's PTZ only support Zoom and Focus.													
KCM3311	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	-	-	Yes	Yes	-	Yes	-	-	Yes	
KCM3911	A1D-311-V5.10.02	H.264 MPEG4 M-JPEG	1	2032x1936	2-way	2/2	-	Yes	-	Yes	-	-	Yes	
Note:	Fisheye camera													
KCM5111	A1D-311-V5.01.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	2-way	2/2	-	-	-	Yes	-	-	Yes	
KCM5211	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	
KCM5211 E	Refer to KCM5211	H.264 MPEG4 M-JPEG	1	2032x1920	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	Supported by design
KCM5311	A1D-311-V5.01.07-AC	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	
KCM5311 E	Refer to KCM5311	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	Supported by design
KCM5511	V5.12.12	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	1. When the FPS setting for 2nd stream is 20 in dual mode, it will get false value (30).(Camera firmware issue) 2. In single mode, the resolution N1920x1080 in video format H264 actually display N1920x1072.(Camera firmware issue) 3 .In dual mode, when stream 1 video format setting changed, some of the stream 2 settings will be changed as well, it makes CGI return wrong stream2 resolution value.(Camera limitation issue)													
KCM5611	A1D-311-V5.12.12-AC	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1.Max resolution with stream1 will be affected by stream2 and vice versa (Camera Firmware issue). 2.Motion detection does not support with MJPEG format (Camera Firmware issue). 3.Response is slow to RS485 (Camera Firmware issue).													
KCM7111	A1D-311-V5.01.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	2-way	2/2	-	Yes	-	Yes	-	-	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	KCM7111 not support RS-485 feature & UDP connection													
KCM7211	A1D-311-V5.01.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	2-way *1	2/2	Yes	Yes	-	Yes	-	-	Yes	
Note:	KCM7211 not support UDP connection & Talk													
KCM7311	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	
KCM7911	A1D-311-V5.10.02	H.264 MPEG4 M-JPEG	1	2032x1936	2-way	2/2	-	Yes	-	Yes	-	-	Yes	
Note:	1. Dual-Stream Resolution 1280x720 2. Fisheye camera													
KCM8111	V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	
KCM8211	Refer to KCM8111 (V5.10.02)	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	-	Yes	-	-	Yes	
SED2100		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
SED2120	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	-	-	-	Yes	
SED2140		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
SED2310		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
SED2320		MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
SED2400		MPEG4	2	720x480	1-way	2/2	Yes	Yes	-	-	-	-	Yes	Supported by design
SED2420	A1D-220-V3.08.08-AC	MPEG4	2	720x480	1-way	-	-	Yes	-	-	-	-	Yes	
SED2600		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	-	-	-	Yes	Supported by design
SED2610		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	-	-	-	Yes	Supported by design
SEM1110		Mpeg4	1	720x480	1-way	-	-	Yes	-	-	-	-	Yes	Supported by design
TCD2100	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	720x480	2-way	1/1	Yes	Yes	-	Yes	-	-	Yes	
TCD2500	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	720x480	2-way	2/1	Yes	Yes	-	Yes	-	-	Yes	
TCM1111	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	-	-	-	Yes	-	NO	-	-	Yes	
TCM1231	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM1232		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	-	-	Yes	Supported by design
TCM1511	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM3001		H.264 MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	Yes	-	-	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
TCM3011	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM3111	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	-	-	-	Yes	-	-	-	-	Yes	
TCM3401		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	-	-	Yes	Supported by design
TCM3411	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM3511	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM4001	A1D-310-V4.09.16-AC	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	Yes	-	-	-	
TCM4101		H.264 MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	-	Yes	-	-	Yes	Supported by design
TCM4201	A1D-310-V4.08.05-AC	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM4301	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	-	-	-	Yes	Supported by design
TCM4511	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	-	-	-	Yes	-	Yes	-	-	Yes	
TCM5001	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM5111	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	-	-	-	Yes	-	Yes	-	-	Yes	
TCM5311	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	-	-	-	Yes	
TCM5312		H.264 MPEG4 M-JPEG	1	1280x960	2-way	1/1	-	Yes	-	Yes	-	-	Yes	Supported by design
TCM5601	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	-	Yes	-	-	Yes	
TCM5611		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	-	Yes	-	-	Yes	Supported by design
TCM6630	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	720x480	2-way	2/1	Yes	Yes	-	Yes	Yes	-	Yes	
Note:	DI/DO can't work, FW issue													
TCM7011	A1D-310-V4.06.09-AC	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TCM7411		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	-	Yes	-	-	Yes	Supported by design
TCM7811	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x960	2-way	1/1	-	Yes	-	Yes	-	-	Yes	
TMU9811	A1D-310-V4.07.10-NB	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	-	-	-	-	Yes	
TMU9911	A1D-310-V4.07.10-NB	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	-	-	-	-	Yes	
V21	H1.03.01	MJPEG H.264	1	960x576	2-way	1/1	Yes	Yes	-	Yes	-	Yes*	Yes	

	- : not avaliable on camera
	*1: not avaliable on software
	*2: not test on software
	For multi stream support:
	Yes: multi stream fix to 500kbps/100kbps
	Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
V23	H1.03.01	MJPEG H.264	4	960x576	2-way	4/4	Yes	Yes	-	Yes	-	Yes*	Yes	
V24	H1.03.01	MJPEG H.264	4	960x576	2-way	4/4	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	1. Camera is unable to achieve 30fps. (Camera Firmware issue)													
V32	H2.02.31	MJPEG H.264	16	960x576	2-way	16/16	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	Only **two** I/O are shown on the interface as adding **one** channel on devices with I/O function. KCM5111 does not support UDP protocol.													

ADEMCO

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
ADKID134RT		H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	-	Yes*	Yes	Supported by design
Note:	1.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												
ADKID204VRT		H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	-	Yes*	Yes	Supported by design
Note:	1.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												
ADKID207RT		H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	-	Yes*	Yes	Supported by design
Note:	1.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												
ADKID207VRT		H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	-	Yes*	Yes	Supported by design
Note:	1.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												
ADKIL134RT		H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	-	Yes*	-	Supported by design
Note:	1.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												
ADKIL207RT		H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	-	Yes*	Yes	Supported by design
Note:	1.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
					- : not avaliable on camera								
					*1: not avaliable on software								
					*2: not test on software								
					For multi stream support:								
					Yes: multi stream fix to 500kbps/100kbps								
					Yes*: multi stream setting support								
AD-AGB8025-SD4F	Refer to AMU8030 (eh20160719NSZ)	H.264 MJPEG	1	3840x2160	*2	1/1	*2	*2	*2	-	Yes*	Yes	Supported by design
AD-TGB3020-AW4FZ	Refer to TSD3012 (V1.2.1.50	H.264 MJPEG	1	2048x1536	2-way	1/1	Yes*	Yes	Yes	-	Yes*	0	Supported by design
AMU8030	eh20160719NSZ	H.264 MJPEG	1	3840x2160	*2	1/1	*2	*2	*2	-	Yes*	Yes	
Note:	1.The parameter list may be can not sync. with camera's web. (NUUO server limitation) 2.The camera with highest parameter is unable to achieve the parameter setting value. (Camera performace issue)												
AMH3025	eh20160719NSP	H.264 MJPEG	1	2048x1536	*2	1/1	*2	Yes	*2	-	Yes*	Yes	
Note:	1.The stream's parameters may be can not sync. with camera's web. (NUUO server limitation)												
TSD3012	V1.2.1.50B16101314	H.264 MJPEG	1	2048x1536	2-way	1/1	Yes*	Yes	Yes	-	Yes*	0	
Note:	1. PTZ function may be not normally work using RS-485. (Camera firmware issue) 2. Alarm In/Out can not normally work. (Camera firmware issue)												
TXB3020	Refer to TSD3012 (V1.2.1.50B16101314)	H.264 MJPEG	1	2048x1536	2-way	1/1	Yes*	Yes	Yes	-	Yes*	0	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
				- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support									
ADC-V520	0100h	H264 MJPEG MPEG4	1	1280x800	*1	1/0	-	Yes	Yes	-	Yes*	Yes	
ADC-V620PT	0102b	H264 MJPEG MPEG4	1	1280x800	*1	-	Yes	Yes	Yes	Yes	Yes*	Yes	
ADC-VS420	0100d	H264 MJPEG MPEG4	4	720x576	*1	4	*2	Yes	Yes	*2	Yes*	Yes	

American Dynamics
From Tyco Security Products

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
ADCi600-D131	AD00-00-15-11	MJPEG H.264	1	1280x720	1-way	2/1	-	Yes	*1	-	-	-	

A·MTK

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
AH2816T	V6.M.2.12779	H.264 MPEG4 M-JPEG	1	1536x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	
Note:	Fisheye camera												
AM2030D	Refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	-	Yes	Yes	-	-	Supported by design
AM2110D	6.B.2.7248	H.264 M-JPEG	1	1600x1200	2-way	-	-	-	Yes	-	-	-	
AM2120D	Refer to AM2110D	H.264 M-JPEG	1	1600x1200	2-way	-	-	-	Yes	-	-	-	Supported by design
AM2221D	Refer to AM2231D	H.264 MPEG4 M-JPEG	1	1600x1200	2-way	1/1	Yes	-	Yes	Yes	-	-	Supported by design
AM2231D	6.C.2.7107	H.264 MPEG4 M-JPEG	1	1600x1200	2-way	1/1	Yes	-	Yes	Yes	-	-	
AM2530D	Refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	-	Yes	Yes	-	-	Supported by design
AM2570D	Refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	-	Yes	Yes	-	-	Supported by design
AM2590D	6.D.2.7181	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	-	Yes	Yes	-	-	
AM2630D	Refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	-	Yes	Yes	-	-	Supported by design
AM2730D	Refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	-	Yes	Yes	-	-	Supported by design

								On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
AV1115	65225	H.264 M-JPEG	1	1280x1024	-	1(*2)/1	-	Yes	-	-	Yes*	-	
Note:	AV1115 include D4F-AV1115-3312 and D4S-AV1115-3312 1.DI can't trigger. 2.DO no response via CGI command.												
AV1125	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/1	-	Yes	-	-	Yes*	-	Supported by design
AV1145	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/1	-	Yes	-	-	Yes*	-	Supported by design
AV1255	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/1	-	Yes	-	-	Yes*	-	Supported by design
AV1300	64328	M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Yes*	-	
AV1305	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/1	-	Yes	-	-	Yes*	-	Supported by design
AV1310		M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Yes*	-	Supported by design
AV1315	65191	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Yes*	-	
AV1325	65192	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Yes*	-	
AV1355	65130	H.264 M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Yes*	-	
AV1455	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/1	-	Yes	-	-	Yes*	-	Supported by design
AV2000	64328	M-JPEG	1	1600x1184	-	-	-	Yes	-	-	Yes*	-	
AV2100	64328	M-JPEG	1	1600x1184	-	-	-	Yes	-	-	Yes*	-	
AV2105	64331	H.264 M-JPEG	1	1600x1184	-	1/1	-	Yes	-	-	Yes*	-	
AV2110		M-JPEG	1	1600x1200	-	-	-	Yes	-	-	Yes*	-	Supported by design
AV2115	65225	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	-	Yes*	-	
Note:	AV2115 include D4F-AV2115-3312 and D4S-AV2115-3312												
AV2116	refer to AV2115 (65218)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV2125	65199	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	-	Yes*	-	
AV2146	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV2155	64803	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	-	-	Yes*	-	
AV2225	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	-	Yes*	-	Supported by design

				- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support									

Arecont Vision megapixel technology... beyond imagination

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
AV2226	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV2245	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV2246	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV2255AM	65218	H.264 M-JPEG	1	1920x1080	*1	1/1	Yes	Yes	-	-	Yes*	-	
AV2256	refer to AV2255 (65218)	H.264 M-JPEG	1	1920x1080	*1	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV2455DN-F	65220	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes*	-	
Note:	1. AV2455DN would reboot after connecting DO port. 2. Audio function possible doesn't work after connect/disconnect, and need to reboot camera to recover.												
AV2456	refer to AV2455 (65220)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV2815	65191	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	-	Yes*	-	
AV2825	65192	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	-	Yes*	-	
AV3100	64328	M-JPEG	1	2048x1536	-	-	-	Yes	-	-	Yes*	-	
AV3100M	64327	M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	
Note:	1. DI/DO is not active so that we can't integrate it. (Camera Firmware issue) 2. Camera is unable to achieve ordinary FPS due to insufficient performance. (Camera performance limitation) 3. The connections at dual stream mode are unstable. (Camera performance limitation) 4. Can not search the camera by camera search function. (Camera Firmware issue) 5. Auto detect function fail. (Camera Firmware issue)												
AV3105	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	-	-	Yes*	-	Supported by design
AV3110		M-JPEG	1	2048x1536	-	-	-	Yes	-	-	Yes*	-	Supported by design
AV3115	65225	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	-	-	Yes*	-	
Note:	AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312 1.DO no response via CGI command.												
AV3116	65219	H.264 M-JPEG	1	2048x1536	-	0(*1)/1	-	Yes	-	-	Yes*	-	Supported by design
AV3116DN	65219	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	
AV3125		H.264 M-JPEG	1	2048x1536	-	0(*1)/1	-	Yes	-	-	Yes*	-	Supported by design
AV3130	61906	M-JPEG	1	2048x1536	-	-	-	Yes	-	-	Yes*	-	
AV3135	65153	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
AV3145	65219	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV3146	65219	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	-	Yes*	-	
Note	1. The streaming has low FPS under high quality.												
AV3155	65113	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	-	-	Yes*	-	
AV3225	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	-	-	Yes*	-	Supported by design
AV3226	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	-	-	Yes*	-	Supported by design
AV3245	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	-	-	Yes*	-	Supported by design
AV3246	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	-	-	Yes*	-	Supported by design
AV3255	65218	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	-	-	Yes*	-	Tested by customer
AV3256	65219	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	-	Yes*	-	
Note	1. The streaming has low FPS under high quality.												
AV3455	Refer to AV3105(65225)	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV3456DN-F	65220	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	
AV5100	61906	M-JPEG	1	2560x1600	-	-	-	Yes	-	-	Yes*	-	
AV5105	64331	H.264 M-JPEG	1	2560x1600	-	1/1	-	Yes	-	-	Yes*	-	
AV5110		M-JPEG	1	2560x1920	-	-	-	Yes	-	-	Yes*	-	Supported by design
AV5115	65225	H.264 M-JPEG	1	2592x1944	-	1(*1)/1	-	Yes	-	-	Yes*	-	
Note:	AV5115 include D4F-AV5115-3312 and D4S-AV5115-3312												
AV5125	65199	H.264 M-JPEG	1	2592x1944	-	1/0(*1)	-	Yes	-	-	Yes*	-	
AV5155	65113	H.264 M-JPEG	1	2592x1944	-	-	-	Yes	-	-	Yes*	-	
AV5245	65221	H.264 M-JPEG	1	2592x1944	-	1/1	Yes	Yes	-	-	Yes*	-	
Note:	Fps would not meet setting due to camera performance.												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
AV5245DN	65229	H.264 M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	Yes*	-	
Note:	Fisheye camera												
AV5255AM	65218	H.264 M-JPEG	1	2592x1944	*1	1(*1)/1	-	Yes	-	-	Yes*	-	
AV5455DN-F	65220	H.264 M-JPEG	1	2592x1944	-	1/1	-	Yes	-	-	Yes*	-	
AV8180	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	-	Yes*	-	
AV8185	65026	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	-	Yes*	-	
AV8185DN	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	-	Yes*	-	
AV8360	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	-	Yes*	-	Supported by design
AV8365	65026	H.264 M-JPEG	4	1600x1184	-	-	-	Yes	-	-	Yes*	-	Supported by design
AV8365DN	65183	H.264 M-JPEG	4	1600x1200	-	1/1	-	Yes	-	-	Yes*	-	
Note:	AV8185DN and AV8365DN Four channels must use the same protocol and format.												
AV10005	65147	H.264 M-JPEG	1	3648x2752	-	-	-	Yes	-	-	Yes*	-	
Note:	AV10005 include AV10005M												
AV10115	65225	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	-	-	Yes*	-	
AV10225	Refer to AV10115(65225)	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
AV10255	Refer to AV10115(65225)	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	-	-	Yes*	-	Supported by design
Note:	AV10255 Edge Motion not support due to camera FW issue.												
AV10255PMTIR	65288	H.264 M-JPEG	1	3648x2752	-	1/1	Yes	Yes	-	-	Yes*	-	
Note:	1. Camera is unable to achieve maximum FPS. (camera performance limitation) 2. PTZ only support zoom and focus.												
AV10256PMTIR	Refer to AV10255PMTIR(65288)	H.264 M-JPEG	1	3648x2752	-	1/1	Yes	Yes	-	-	Yes*	-	Supported by design
A12176	65192	H.264 MJPEG	4	2048x1536	-	1/1	-	Yes	Yes	-	Yes*	-	
Note:	1. Stream2 cannot ahieve maximum bitrate. (Camera Firmware issue) 2. Bitrate list is not synchronized with camera web. (Camera Firmware issue) 3. Snapshot's resolution is not as same as live view. (Camera Firmware issue) 4. Camera cannot achieve maximum fps with MJPEG. (Camera performance limitaion)												
AV12186	65184	H264 MJPEG	4	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	
Note:	DI can't work.												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
				- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support									
AV12186DN	refer to AV12186(65184)	H264 MJPEG	4	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	
AV12366DN	65188	H.264 M-JPEG	4	2048x1536	-	1/1	-	Yes	-	-	Yes*	-	
Note:	Camera is unable to achieve maximum FPS. (camera performance limitation)												
AV20175DN	65188	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	-	Yes*	-	
AV20185	65170	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	-	Yes*	-	
Note:	AV20185 include AV20185DN, AV20185CO												
AV20365	65170	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	-	Yes*	-	
Note:	AV20365 include AV20365DN, AV20365CO												
AV40185	65186	H.264 M-JPEG	4	3648x2752	-	1/1	-	Yes	-	-	Yes*	-	
Generic		H.264 M-JPEG	1 or 4	By camera	1-way	1/1	Yes	Yes	-	-	Yes*	-	
Note:	Support generic dewarp Generic test model: AV5245 and AV12186 1. Fps would not meet setting due to camera performance. 2. Audio function possible doesn't work after connect/disconnect, and need to reboot camera to recover.												
Note:	All arecont cameras. 1. Fps would not meet setting due to camera performance.												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FB2027-1	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FB2027-2	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FB2027-3	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FB2028	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FB2028-T1	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FB2028-T2	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FB2028-TM	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
Note	1. MJPEG could not reach up to higher FPS. 2. UPNP search failure when change web port from 80 to another												
FB3027	2.5.1057.60	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
FB3028-RT1	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
FB3028-RT2	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
FB3028-RTM	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
FD2020	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FD3020	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
FD3020-M	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
FV2006	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FV2028	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FV3028	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
FV3028-RT	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
	AVer logo			- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support									
FV3028-RTM	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
FX2000	2.5.1057.60	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
Note	1. MJPEG could not reach up to higher FPS. 2. UPNP search failure when change web port from 80 to another												
FX3000-R	Refer to FB3027 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	2048x1536	2-way	1/0	-	Yes	Yes	-	-	-	
SF2121H-BHR-30	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
SF2121H-BHR-50	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	
SF2121H-R	Refer to FX2000 (FW 2.5.1057.60)	H.264 PEG4 MJPEG	1	1920x1080	2-way	1/0	-	Yes	Yes	-	-	-	

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
205	4.05	M-JEPG	1	640x480	-	-	-	Yes	-	-	-	-	Supported by design
206		M-JEPG	1	640x480	-	-	-	Yes	Yes	-	-	-	Supported by design
206M		M-JEPG	1	1280x1024	-	-	-	Yes	Yes	-	-	-	Supported by design
206W		M-JEPG	1	640x480	-	-	-	Yes	Yes	-	-	-	Supported by design
207	4.4	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	Yes	
207MW		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
207W		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
209FD		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	Yes	Supported by design
209FD-R		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	Yes	Supported by design
209MFD		MPEG4 M-JPEG	1	1280x1024	-	-	Yes	Yes	Yes	-	-	Yes	Supported by design
209MFD-R		MPEG4 M-JPEG	1	1280x1024	-	-	Yes	Yes	Yes	-	-	Yes	Supported by design
210		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	-	-	Yes	Supported by design
210A	4.4	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	Yes	
2100	2.31	M-JPEG	1	640x480	-	-	-	-	-	-	-	-	
211		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	-	-	Yes	Supported by design
211A		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
211M		MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
211W		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
212 PTZ		MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	Yes	Yes	-	-	Yes	Supported by design
212 PTZ-V		MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	Yes	Yes	-	-	Yes	Supported by design
213 PTZ		MPEG4 M-JPEG	1	704x576	2-way	2/3	Yes	Yes	Yes	-	-	Yes	Supported by design
214 PTZ	4.33	MPEG4 M-JPEG	1	704x480	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
215 PTZ		MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
215 PTZ-E		MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	Yes	Supported by design
216FD		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
216FD-V		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
216MFD		MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
216MFD-V		MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
221		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	-	-	Yes	Supported by design
223M		MPEG4 M-JPEG	1	1600x1200	2-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
225FD		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	-	-	Yes	Supported by design
231D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	-	-	Yes	Supported by design
231D+		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	-	-	-	Supported by design
232D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	-	-	Yes	Supported by design
232D+		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	-	-	-	Supported by design
233D		MPEG4 M-JPEG	1	704x576	2-way	4/4	Yes	Yes	Yes	-	-	Yes	Supported by design
240Q		M-JEPG	4	704x576	-	4/4	-	Yes	Yes	-	-	-	Supported by design
240Q Blade		M-JEPG	4	704x576	-	4/4	-	Yes	Yes	-	-	-	Supported by design
2400		M-JEPG	4	704x576	-	4/1	-	Yes	Yes	-	-	-	Supported by design
241Q		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	-	-	Yes	Supported by design
241Q Blade		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	-	-	Yes	Supported by design
241QA	4.3	MPEG4 M-JPEG	4	704x576	1-way	4/4	-	Yes	Yes	-	-	Yes	
241S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	-	-	Yes	Supported by design
241S Blade		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	-	-	Yes	Supported by design
241SA		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	-	-	Yes	Supported by design
242S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	-	-	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
243Q		MPEG4 M-JPEG	1	704x576	-	4/1	-	Yes	Yes	-	-	Yes	Supported by design
243Q Blade		MPEG4 M-JPEG	1	704x576	-	4/1	-	Yes	Yes	-	-	Yes	Supported by design
243SA		MPEG4 M-JPEG	1	704x576	2-way	4/4	-	Yes	Yes	-	-	Yes	Supported by design
247S		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
2460		M-JEPG	4	-	-	4/4	-	Yes	Yes	-	-	-	Supported by design
F41	5.85.3	H.264 MJPEG	1	1920x1080	*2	*2(4/4)	-	-	*2	-	Yes*	Yes	
Note:	1. Does not support ACAP Motion (MainConsole). (Old Motion Setting: http://IP:PORT/operator/motionDetection.shtml?nbr=0&id=13)(NUUO server limitation)												
F44	5.85.3	H.264 MJPEG	4	1920x1080	*2	*2(4/4)	-	-	*2	-	Yes*	Yes	
Note:	1. Frame rate list may not sync with web. (Camera Firmware issue) 2. Does not support ACAP Motion (MainConsole). (Old Motion Setting: http://IP:PORT/operator/motionDetection.shtml?nbr=0&id=13)(NUUO server limitation)												
Generic		H.264 MPEG4 M-JPEG	Max 4	by Camera	2-way	Max 4/4	Yes	Yes	-	-	Yes*	-	
Note:	Only guarantee stream works fine.												
M1004-W	5.40.5.1	H.264 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes*	Yes	
M1011	5	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	Yes*	Yes	
M1011-W	5	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	Yes*	Yes	
M1013	5.40.5.1	H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	-	Yes*	Yes	
M1014	5.40.5	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Yes	
M1025	5.40.5	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	Tested by link
M1031-W	5	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/0	-	Yes	Yes	-	Yes*	Yes	
M1034-W	5.40.5.1	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Yes	
M1054	5.15.1	H.264 M-JPEG	1	1024x600	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
M1103	5.08	H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	-	Yes*	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
M1104	5.40.9.2	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
M1113	5.08	H.264 M-JPEG	1	640x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	
M1114	5.08	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Yes	
Note:	M1103-E is compatable with M1103, M1104-E is compatable with M1104												
M1125	5.75.3.3	H.264 M-JPEG	1	1920x1080	-	1/1	-	*2	*2	-	Yes*	Yes	
Note:	1. The actual resolution is 240*136 but the setting list will show 240*135 (Camera firmware issue) 2. The camera with highest parameter via MJPEG is unable to achieve setting frame rate. (Camera performance issue)												
M1143-L	5.40.10.4	H.264 M-JPEG	1	800x600	-	1/1	-	Yes	Yes	-	Yes*	Yes	
M1144-L	5.40.10.4	H.264 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes*	Yes	
M2014	Refer to P1204(5.40.12)	H.264 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
M3004	5.50.5.1	H.264 M-JPEG	1	1280x800	-	-	-	*2	*2	-	Yes*	Yes	Tested by link
M3005	5.40.5.3	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Yes	
M3006	5.40.13	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes*	Yes	
M3007	5.55.1.1	H.264 M-JPEG	1	2592x1944	-	-	Yes	Yes	Yes	-	Yes*	Yes	
Note:	Fisheye camera												
M3011	5.01	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	Yes*	Yes	
M3014		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
M3024-L	5.40.5	H.264 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes*	Yes	
M3025	5.50.5.1	H.264 M-JPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
M3026	Refer to M3024-L(5.40.5)	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
M3027	refer to M3007(5.55.1.1)	H.264 M-JPEG	1	2592x1944	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye camera												
M3037	5.75.1	H.264 MJPEG	1	2592x1944	*2	-	-	-	*2	-	Yes*	Yes	
M3044-V	v6.15.1	H.264 MJPEG	1	1280x720	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. The camera with highest parameter via MJPEG is unable to achieve setting frame rate. (Camera performance issue)												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
M3045-V	v6.15.1	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. The camera with highest parameter via MJPEG is unable to achieve setting frame rate. (Camera performance issue)												
M3113-R		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
M3113-VE		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
M3114-R/VE	5.25	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Tested by link
M3203		H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	M3203-V is compatable with M3203												
M3204		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	M3204-V is compatable with M3204												
M5013	5.25.2	H.264 M-JPEG	1	800x600	2-way	-	Yes	Yes	Yes	-	Yes*	Yes	Tested by link
M5014	5.50.3.4	H.264 MJPEG	1	1280x720	*2	-	Yes	Yes	*2	-	Yes*	Yes	
Note:	1. Camera via H.264 is unable to achieve setting bit rate. (Camera performance issue) 2. PTZ speed is ineffective. (Camera firmware issue)												
M7001	5.01	H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	
M7010	5.40.6.1	H.264 M-JPEG	16*	720x576	-	-	Yes	Yes	Yes	-	Yes*	Yes	
Note:	M7010 is 4 IP x 4 channels video server												
M7014	5.40.7.1	H.264 M-JPEG	4	720x576	-	-	Yes	Yes	Yes	-	Yes*	Yes	
M7016	5.51.2.5	H.264 MJPEG	4	720x576	-	-	*2	*2	Yes	-	Yes*	Yes	Test by link
Note:	1. Camera is unable to achieve maximum bitrate when the resolution is 2CIF, CIF or QCIF. (Camera performance limitaion) 2. Camera with MJPEG is unable to achieve maximum framerate. (Camera performance limitaion)												
P1204	5.40.12	H.264 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	-	Yes*	Yes	
P1214	5.40.12	H.264 M-JPEG	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
P1214-E	5.40.12	H.264 M-JPEG	1	1280x720	-	*2(1/1)	-	*2	*2	-	Yes*	Yes	
P1311	5.01	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
P1343		H.264 M-JPEG	1	800x600	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
P1343-E		H.264 M-JPEG	1	800x600	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
P1344	5.06	H.264 M-JPEG	1	1280x800	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
P1344-E		H.264 M-JPEG	1	1280x800	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
P1346	5.06	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
P1346-E		H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
P1347	5.11	H.264 M-JPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Tested by link
Note:	P1347 does not test Audio, I/O, UPNP capability (by link)												
P1347-E		H.264 M-JPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
P1353-E	refer to P1354 (5.40.14)	H.264 M-JPEG	1	800x600	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
P1354	5.60.1	H.264 M-JPEG	1	1280x960	*2	*2	Yes	*2	*2	-	Yes*	Yes	
Note:	P1354 does not support AAC in MJPEG												
P1355-E	refer to P1354 (5.40.14)	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
P1357	5.40.19.1	H.264 M-JPEG	1	2592x1944	2-way	1/1	Yes	Yes	*2	-	Yes*	Yes	
P1364	6.30.1	H.264 MJPEG	1	1280x960	*2	-	*2	*2	*2	-	Yes*	Yes	Test by link
Note:	1. Camera with H.264 is unable to achieve maximum bitrate. (Camera performance limitation) 2. Camera picture will break if the compression rate value is high. (camera performance limitation) 3. Playback may be abnormal. (NUUO server limitation)												
P1365	v5.75.3.3	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Can not access PTZ and I/O. 2. Audio out via AAC failed when format is MJPEG.												
P1405-LE	5.80.1.1	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. PTZ only support zoom and focus.												
P1425-E	Refer to P1425-LE(5.80.1)	H.264 MJPEG	1	1920x1080	-	1/1	Yes	*2	*2	-	Yes*	Yes	Supported by design
P1425-LE	5.80.1	H.264 MJPEG	1	1920x1080	-	1/1	Yes	*2	*2	-	Yes*	Yes	
Note:	PTZ only support zoom & focus.												
P1427-LE	5.80.1	H.264 M-JPEG	1	2592x1944	-	*2	Yes	*2	*2	-	Yes*	Yes	
Note:	1.Frame rate list does not sync with web. (Camera Firmware issue) 2.The connection is unstable, since camera connects via link. (Camera Firmware issue)												
P1428-E	5.55.1	H.264 M-JPEG	1	3840x2160	-	*2	Yes	*2	*2	-	Yes*	Yes	
P3214-V	5.55.3.2	MJPEG H.264	1	1280x960	-	*2	Yes	*2	*2	-	Yes*	Yes	

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	Zoom speed setting does not support.(Camera limitation)												
P3215-V	5.55.3.2	MJPEG H.264	1	1920x1080	-	*2	Yes	*2	*2	-	Yes*	Yes	
P3224	Refer to P3224-LV (5.75.3.1)	H.264 MJPEG	1	1280x960	-	-	Yes	*2	*2	-	Yes*	Yes	Supported by design
P3224-LV	5.75.3.1	H.264 MJPEG	1	1280x960	-	-	Yes	*2	*2	-	Yes*	Yes	
P3225	Refer to P3225-LVE (5.75.3.1)	H.264 MJPEG	1	1920x1080	-	-	Yes	*2	*2	-	Yes*	-	Supported by design
P3225-LVE	5.75.3.1	H.264 MJPEG	1	1920x1080	-	-	Yes	*2	*2	-	Yes*	Yes	
P3301	5.11	H.264 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
P3301-V		H.264 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
P3304		H.264 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	P3304-V is compatable with P3304												
P3343	5.06	H.264 M-JPEG	1	800x600	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	P3343-V and P3343-VE are compatable with P3343												
P3344	5.06	H.264 M-JPEG	1	1280x800	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	P3344-V and P3344-VE are compatable with P3344. Support digital PTZ only.												
P3346	5.2	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	P3346-V and P3346-VE are compatable with P3346												
P3353		H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	
P3354	5.40.10.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	
P3363	5.40.17.1	H.264 MJPEG	1	800x600	*2	*2	*2	*2	*2	-	Yes*	Yes	Tested by link
P3364	5.40.10.2	H.264 M-JPEG	1	1280x960	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Tested by link
P3364-L	5.60.1.4	H.264 MPJPEG	1	1280x960	2-way	1/1	Yes	*2	*2	-	Yes*	Yes	
Note:	PTZ only support zoom & focus.												
P3364-LV	Refer to P3364-L(5.60.1.4)	H.264 MPJPEG	1	1280x960	2-way	1/1	Yes	*2	*2	-	Yes*	Yes	Supported by design
P3365	5.55.3.2	H.264 M-JPEG	1	1920x1080	*2	1/1	Yes	*2	*2	-	Yes*	Yes	Tested by link
P3365-V	Refer to P3365(5.55.3.2)	H.264 M-JPEG	1	1920x1080	*2	1/1	Yes	*2	*2	-	Yes*	Yes	Supported by design
P3365-VE	Refer to P3365(5.55.3.2)	H.264 M-JPEG	1	1920x1080	*2	1/1	Yes	*2	*2	-	Yes*	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
P3367	5.40.3	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	P3367-V, P3367-VE are compatable with P3367												
P3384	5.40.19	H.264 MJPEG	1	1280x960	*2	*2	-	*2	*2	-	Yes*	Yes	Tested by link
P3905	5.55.3	H.264 M-JPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	Tested by link
P3905-R	Refer to P3905(5.55.3)	H.264 M-JPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	Supported by design
P3905-RE	Refer to P3905(5.55.3)	H.264 M-JPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	Supported by design
P3915	5.55.3	H.264 M-JPEG	1	1920x1080	*2	1/1(2*)	-	*2	*2	-	Yes*	Yes	Tested by link
P3915-R	Refer to P3915(5.55.3)	H.264 M-JPEG	1	1920x1080	*2	1/1(2*)	-	*2	*2	-	Yes*	Yes	Supported by design
P5414	5.55.1	H.264 M-JPEG	1	1280x720	2-way	4/4	Yes	Yes	Yes	-	Yes*	Yes	tested by link
P5415	Refer to P5414(5.55.1)	H.264 M-JPEG	1	1920x1080	2-way	4/4	Yes	Yes	Yes	-	Yes*	Yes	
P5512	5.25	H.264 M-JPEG	1	704x480	2-way	4/0	Yes	Yes	Yes	-	Yes*	Yes	Tested by link
P5512-E	Refer to P5512	H.264 M-JPEG	1	704x480	2-way	4/0	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
P5514	5.85.1	H.264 M-JPEG	1	1280x720	2-way	4/4(*2)	Yes	*2	*2	-	Yes*	Yes	
Note:	1.Bitrate list does not sync with web. (Camera Firmware issue) 2.Frame rate list does not sync with web. (Camera Firmware issue)												
P5522	5.25	H.264 M-JPEG	1	720x480	2-way	4/0	Yes	Yes	Yes	-	Yes*	Yes	Tested by link
P5522-E	Refer to P5522	H.264 M-JPEG	1	720x480	2-way	4/0	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
P5532	5.15	H.264 M-JPEG	1	720x480	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	Tested by link
Note:	P5532 does not test Audio, I/O, UPNP capability (by link)												
P5532-E	Refer to P5532	H.264 M-JPEG	1	720x480	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
P5534	5.15.1	H.264 M-JPEG	1	1280x720	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	
P5534-E	Refer to P5534	H.264 M-JPEG	1	1280x720	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
P5544	5.41.2.2	H.264 MJPEG	1	1280x720	*2	*2	Yes	*2	*2	-	Yes*	Yes	
Note:	P5544 is a two-len (fisheye and PTZ) camera												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
P5624	Refer to P5624-E(5.75.1)	H.264 M-JPEG	1	1280x720	-	-	Yes*	*2	*2	-	Yes*	Yes	Supported by design
P5624-E	5.75.1	H.264 M-JPEG	1	1280x720	-	-	Yes*	*2	*2	-	Yes*	Yes	Tested by link
P5635	Refer to P5635-E(5.75.1)	H.264 M-JPEG	1	1920x1080	*2	2/2(*2)	Yes*	*2	*2	-	Yes*	Yes	Supported by design
P5635-E	6.20.1.3	H.264 MJPEG	1	1920x1080	*2	2/2(*2)	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. Camera via H.264 is unable to achieve setting bit rate. (Camera performance issue)												
P7210	5.50.2	H.264 M-JPEG	20*	1536x1152	2-way	16/16	Yes	Yes	Yes	-	Yes*	Yes	
Note:	P7210 is 4 IP x 5 channels video server												
P7214	Refer to P7210	H.264 M-JPEG	4	720x576	2-way	4/4	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
P7224	5.40.7	H.264 M-JPEG	4	720x576	2-way	4/4	Yes	Yes	Yes	-	Yes*	Yes	
Note:	P7224 can't use second audio input.												
P8221	5.10.2	*2	1	-	*2	*2	-	-	*2	-	-	Yes	
Note:	Network I/O audio module												
P8513	Refer to P8514	H.264 M-JPEG	1	800x600	-	0/0	-	Yes	Yes	-	Yes*	Yes	Supported by design
P8514	5.21	H.264 M-JPEG	1	1280x800	-	0/0	-	Yes	Yes	-	Yes*	Yes	
Q1602	5.40.3	H.264 M-JPEG	1	768x576	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Tested by link
Note:	1. Q1602 camera not testing Audio, I/O, UPNP capability 2. Q1602-E is compatable with Q1602												
Q1604	5.40.3.2	H.264 M-JPEG	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Not support AAC when codec is MJPEG 2. Does not support H264 CBR mode												
Q1614	5.55.1	H.264 MJPEG	1	1280x960	*2	*2	-	*2	*2	-	Yes*	Yes	Tested by link
Q1615	5.55.3	H.264 MJPEG	1	1920x1200	*2	*2	-	*2	*2	-	Yes*	Yes	Tested by link
Note:	Q1614 and Q1615: Max framerate show 60 regardless of Axis Capture mode.												
Q1635	5.80.1.2	H.264 M-JPEG	1	1920x1200	*2(2-way)	*2(2/0)	Yes	*2	*2	-	Yes*	Yes	
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream1 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation)												
Q1755	5.02	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. M-JPEG: Due to the HW constraints, the frame rate and audio will be impacted if resolution and quality are high. 2. Q1755-E is compatable with Q1755												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Q1765-LE	5.55.1	H.264 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	
Q1910	5.11	H.264 M-JPEG	1	720x576	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	Q1910-E is compatable with Q1910												
Q1921	5.11	H.264 M-JPEG	1	768x576	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Tested by link
Note:	1. Q1921 camera not testing Audio, I/O, UPNP capability 2. Q1902-E is compatable with Q1921												
Q1922	Refer to Q1921	H.264 M-JPEG	1	800x600	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Q1931-E	5.55.1	H.264 M-JPEG	1	768X576	2-way	2/2	-	Yes	*2	-	Yes*	Yes	
Note:	1.Thermal camera 2.Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New ZealandUp to 8.3 fps in other countriesa												
Q2901-E	5.55.4.1	H.264 M-JPEG	1	720x576	*2(2-way)	-	-	*2	*2	-	Yes*	Yes	
Q3505	5.80.1	H.264 M-JPEG	1	1920x1200	*2	-	Yes	*2	*2	-	Yes*	Yes	Tested by link
Note:	1. PTZ only support zoom & focus. 2. Bitrate list range error.(Firmware Issue) 3.FPS cannot reach to 30 fps due to multi-connection of camera. (Camera Performance Issue)												
Q3505-V	Refer to Q3505(5.80.1)	H.264 M-JPEG	1	1920x1200	*2	-	Yes	*2	*2	-	Yes*	Yes	Supported by design
Q3708-PVE	5.95.4.1	H.264 M-JPEG	1	2560x1920	-	-	-	*2	*2	-	Yes*	Yes	Tested by link
Note:	1. Camera with H.264 is unable to achieve setting bitrate. (Camera performance limitation) 2. Camera with MJPEG is unable to achieve maximum FPS. (Camera performance limitaion) 3. Playback may be abnormal. (NUUO server limitation)												
Q6000	Refer to Q6000-E(5.65.1)	H.264 M-JPEG	5	1920x1440	-	-	-	*2	*2	-	Yes*	Yes	Supported by design
Q6000-E	5.65.1	H.264 M-JPEG	5	1920x1440	-	-	-	*2	*2	-	Yes*	Yes	Tested by link
Note:	1.The range of 5th's frame rate is different from that on camera web. (Camera firmware issue).												
Q6032	Refer to Q6032	H.264 M-JPEG	1	704x576	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	Q6032-E is compatable with Q6032												
Q6034	5.15	H.264 M-JPEG	1	1280x800	-	2/2	Yes	Yes	Yes	-	Yes*	Yes	
Note:	Q6034-E is compatable with Q6034												
Q6035	5.25	H.264 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	Tested by link
Note:	Q6035-E is compatable with Q6035												
Q6042	5.55.1	H.264 M-JPEG	1	752x480	2-way	4/4	Yes	Yes	*2	-	Yes*	Yes	
Q6044	5.55.1	H.264 M-JPEG	1	1920x1080	2-way	4/4	Yes	Yes	Yes	-	Yes*	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Q6044-E	5.70.1.1	H.264 MJPEG	1	1280x720	-	-	Yes	*2	*2	-	Yes*	Yes	
Q6045	5.55.1	H.264 M-JPEG	1	1920x1080	2-way	4/4	Yes	Yes	Yes	-	Yes*	Yes	Tested by link
Q6045-E	5.70.1.1	H.264 M-JPEG	1	1920x1080	-	-	Yes	*2	*2	-	Yes*	Yes	
Note:	1.PTZ speed does not sync with web. (Camera Firmware issue)												
Q6115-E	5.65.2	H.264 M-JPEG	1	1920x1080	-	-	Yes	*2	*2	-	Yes*	Yes	Tested by link
Q7401		H.264 M-JPEG	1	704x576	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
Q7404	5.02	H.264 M-JPEG	4	768x576	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Q7406	5.11.1	H.264 M-JPEG	6	720x576	-	4/4	Yes	Yes	Yes	-	Yes*	Yes	
Q7411	5.40.13.1	H.264 M-JPEG	1	720x576	2-way	4/4	Yes	Yes	Yes	-	Yes*	Yes	
Q7414	5.25	H.264 M-JPEG	4	720x576	2-way	2/2	Yes	Yes	Yes	-	Yes*	Yes	
Q7424-R	5.40.10	H.264 M-JPEG	4	720x576	-	4/4	Yes	Yes	Yes	-	Yes*	Yes	
V5915	5.75.1	H.264 MJPEG	1	1920x1080	*2	*2(4/4)	Yes	-	*2	-	Yes*	Yes	
Note:	1. Camera cannot achieve maximum FPS with high resolution and bitrate. (Camera performance limitation) 2. Framerate list can not sync with web. (Camera Firmware issue)												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
BIP-640C		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	-	-	Supported by design
BIP-640C-DN		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	-	-	Supported by design
BIP-1000C	BIP-1000c-1.3-0	H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	-	-	
BIP-1000C-DN		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	-	-	Supported by design
BIP-1300C	BIP-1300c-1.3-0	H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	-	-	-	-	-	
BIP-1300C-DN		H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	-	-	-	-	-	Supported by design
BIP-1600C	BIP-1600c-1.3-0	H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	-	-	
BIP-1600C-DN		H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	-	-	Supported by design
Note:	1. The I/O number is 0 in onvif/onvif. (Camera Firmware Issue) 2. Only one stream profile in onvif/onvif (Camera Firmware Issue) 3. Not suuport MPEG4 in onvif/onvif (Camera Firmware Issue) 4. Not support motion. (Camera Firmware Issue) 5. Not support audio but software shows enable/disabe audio option. (Camera Firmware Issue) 6. The list of camera Resolution isn't synchronized with the one on camera's web. (Camera Firmware Issue) 7. Cannot connect video when FPS >= 2. (Camera firmware issue) 8. The list of camera Framerate isn't synchronized with the one on camera's web. 9. Not support http but software shows http option at protocol setting. (NUUO software limitation) 10.Cannot connect video streaming if RTSP port is changed (Camera firmware issue)												
BIP2-1600c-dn	3.14.7	H.264 MJPEG MPEG4	1	1600x1200	-	3/3	-	-	-	-	Yes*	-	
Note:	1. RTSP port cannot be changed. (Camera firmware issue) 2. The 3rd port of Digital I/O doesn't work. (Camera firmware issue)												
BIP2-D1920c-DN	3.8.0	H.264 MPEG4 M-JPEG	1	1920x1440	*1	1/1	-	Yes	Yes	-	-	-	
Note:	BIP2-D1920c-DN does not support Audio, Talk												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NBC-225-P	refer to NDC-225 (FW:39500570)	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
NBC-255-P	refer to NDC-225 (FW:39500570)	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
NBC-265-P	refer to NTC-265-PI(FW:39500570)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
NBC-274-P	refer to NTC-265-PI(FW:15500552)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	Supported by design
NBC-274-PM	refer to NTC-265-PI(FW:15500552)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	Supported by design
NBC-274-PT	refer to NTC-265-PI(FW:15500552)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	Supported by design
NBC-455	5.72.0028(28500572)	H.264	1	704x576	*2	*2	-	*2	*2	-	Yes*	Yes	
Note:	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP) i. (NUUO Server limitation) 2. Only support G.711 audio codec. i. (Camera performance limitation) 3. Can't set tream3 quality value. i. (Camera firmware issue)												
NBN-498	5.72.0028(28500572)	H.264	1	704x576	*2	*2	-	*2	*2	-	Yes*	Yes	
Note:	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP) i. (NUUO Server limitation) 2. Only support G.711 audio codec. i. (Camera performance limitation) 3. Can't set tream3 quality value. i. (Camera firmware issue)												
NBN-733	refer to NIN-733(5.90.0112)	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NBN-832	refer to NDN-832(5.90.0112)	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NBN-40012	refer to NTI-40012(5.90.0126 (26510590))	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NBN-50022	refer to NTI-50022(5.90.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NDC-225	39500570	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. Quality of MJPEG stream is dependent on the camera load and can vary. Value in settings dialog is not representative of actual quality. Audio Codec support g711, not support L1, AAC.												
NDC-255-P	refer to NDC-225 (FW:39500570)	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design

| | | | | - : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support | | | | | | | | | | |

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NDC-225-PI	refer to NDC-225 (FW:39500570)	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
NDC-265-P	refer to NTC-265-PI(FW:15500552)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
NDC-274-P	15500552	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	
Note:	MJPEG Quality always get 70 (Camera Firmware Issue). When MJPEG quality is set to "0", the camera will Auto-adjust the quality setting. For minimum quality, the value should be "1". MJPEG lag issue. Frame rate of MJPEG stream is dependent on the camera load and can vary. Profile 1 has dependence with profile 0, need to config manually. Audio Codec support g711, not support L1, AAC.												
NDC-274-PT	refer to NDC-274-P	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	
NDC-455	refer to NBC-455(5.72.00228)	H.264	1	704x576	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NDN-498	refer to NBN-498(5.72.00228)	H.264	1	704x576	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NDN-733	refer to NIN-733(5.90.01112)	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NDN-832	5.90.0112	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP) 2. Only support G.711 audio codec. 3. Changing resolution from 1920x1080 and 1280x720 to lower resolution need to set by web property to "H.264 MP SD". 4. Sometimes set multi-stream fail due to limitations of inter-streaming dependency.(IP+ only)												
NDN-40012	refer to NTI-40012(5.90.0126 (26510590))	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NDN-50022	refer to NTI-50022(5.90.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NDI-50022	refer to NTI-50022(5.90.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
NIN-733	5.90.0112	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP) 2. Only support G.711 audio codec. 3. Can't set framerate 1 under base frame rate 50/60 ips mode. (Camera firmware issue) 4. Sometimes set multi-stream fail due to limitations of inter-streaming dependency.(Camera firmware issue) 5. Can't set tream3 quality value. (Camera firmware issue) 6. Stream2 only support fps 7.5 under 1280x720. (Camera firmware issue) 7. MJPEG framerate can't syncronize to web setting. (Camera firmware issue)												
NIN-832	refer to NDN-832(5.90.0112)	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	-	Yes*	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NIN-40012	refer to NTI-40012(5.90.0126 (26510590))	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NDN-265-PIO	Refer to NTC-265-PI	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
NTC-255-PI	refer to NDC-225 (FW:39500570)	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
NTC-265-PI	15500552	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	When H.264 quality is set to "0", the camera will Auto-adjust the quality setting. For minimum quality, the value should be "1" Audio Codec support g711, not support L1, AAC.												
NTI-40012	5.90.0126	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP)i. (NUUO Server limitation) 2. Only support G.711 audio codec.i. (Camera performance limitation) 3. After changing MJPEG resolution on web and getting camera setting on NUUO, resolution will return to previous setting.i. (Camera firmware issue) 4. Snapshot resolution is not correspond to existing profile. (Camera firmware issue)												
NTI-50022	5.90.0126	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP)i. (NUUO Server limitation) 2. Only support G.711 audio codec.i. (Camera performance limitation) 3. After changing MJPEG resolution on web and getting camera setting on NUUO, resolution will return to previous setting.i. (Camera firmware issue) 4. Snapshot resolution is not correspond to existing profile. (Camera firmware issue)												
NUC-50022	refer to NTI-50022(5.90.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NUC-51022	refer to NTI-50022(5.90.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
NWC-455	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	Auto detect model unsupported. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate												

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Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
NWC-495	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	Auto detect model unsupported. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate.												
NWD-455	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	Auto detect model unsupported. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate.												
NWD-495	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	-	-	Yes	
Note:	Cannot auto detect model. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate.												
VIP-X1XF-E	39500570	H.264 M-JPEG	1	704x480	1-way	1/1	-	Yes	Yes	-	-	-	
Note:	When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. Quality of MJPEG stream is dependent on the camera load and can vary. Value in settings dialog is not representative of actual quality. Audio Codec support g711, not support L1, AAC. The resolution of profile-2(Mjpeg) will be limited to CIF, if the resolutions of profile-0(h264) and profile-1(h264) set by CIF.												
VIP X16 XF E	5.90.0070 (70000590)	H.264	16	704x576	1-way	4/1	-	*2	*2	-	Yes*	-	
Note:	1. Only support G.711 audio codec. (Camera performance limitation) 2. Snapshot resolution is not correspond to existing profile. (Camera firmware issue) 3. Multi stream setting would be probably failed due to the limitation of inter-streaming dependency. (NUUO Server limitation)												

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Generic	5.90.0112 (12510590)	H.264	1	1920x1080	1-way	2/2	*2	Yes	Yes	-	Yes*	-	

Note:	Support generic dewarp 1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP) (NUUO Server limitation) 2. Only support G.711 audio codec. (Camera performance limitation) 3. After changing MJPEG resolution on web and getting camera setting on NUUO, resolution will return to previous setting. (Camera firmware issue) 4. Snapshot resolution is not correspond to existing profile. (Camera firmware issue) 5. Sometimes set multi-stream fail due to limitations of inter-streaming dependency.(NUUO Server limitation) 6. Can't set tream3 quality value. (Camera firmware issue) 7. Some resolution can't set framerate (NIN-733 Stream2 only support fps 7.5 under 1280x720)(Camera performance limitation) 8. MJPEG framerate can't synchronize to web setting. (Camera performance limitation) 9. Can't set framerate 1 under base frame rate 50/60 ips mode. (Camera performance limitation) 10. NUUO not test ptz functions.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
OSD-200A 20xp	gk20140422 NSA	H.264 MJPEG	1	1920x1080	*2	*2	Yes	Yes	*2	Yes	Yes*	-	-	
Note:	1. Snapshot suppoorted when one of stream choose MJPEG. (Camera firmware issue) 2. Error preset point. (Camera firmware issue)													
30xN	v3.2.2.8	H.264 MJPEG MPEG4	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes	-	-	
Note:	Fisheye camera 1. Brickcom 30xN can't record on H.264 format with MainConsole 3.5.53 2. Cover model: MD-300Np, FB-300Np, WFB-300Np, FD-302Np, VD-302Np, OB-302Np, OB-302Ne, WOB-302Ne, FB-200Np, OB-202Np, VD-202Np. VD-300Np, FD-300Np, OB-300Np, WOB-300Np, GOB-300Np with zoom feature. OB-300Np-AD, OB-200Np, VD-200Np with zoom and focus feature. MD-300Np-360 is fisheye camera 3. MD-300Np and MD-300Np-360 are no support DI/DO and one way audio only. 4. MD-300Np-360 not support MD when format is MJPEG and MPEG4. 5.The Zoom , Focus or Auto Focus function has no response via camera web or CGI command. 6.The Motion Detection always triggered when the frame rate is 1.													
130N series	v3.1.0.9	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	-	-	-	
Note:	OB-130Np, WOB-130Np, GOB-130Np, FD-130Np, VD-130Np. FB-130Np, WFB-130Np compare them with OB-130Np difference is w/o zoom control Smart Zoom/Focus will spent 15s every time													
50xA series	v3.2.2.8	H.264 MPEG4 M-JPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes	-	-	
Note:	Fisheye camera 1.Covered model:FB-500Ap, FD-301Af, WFB-500Ap, CB-500Ap, WCB-500Ap, CB-502Ap, WCB-502Ap, FD-500Ap, FD-502Ap, VD-301Af, VD-500Ap, VD-502Ap , OB-500Af, MB-500Ap, WMB-500Ap, MD-500Ap-360, FD-301A, VD-301AF, OB-200Ap, FB-202Ap, OB-202Ap, VD202Ap OB-200Ap and VD-200Ap with zoom and focus function. 2. switch video resolution higher than 1920x1080 need waiting a period to reconnect stream 3. MD-500Ap-360 is no support DI/DO and one way audio only. 4. MD-500Ap-360 not support MD when format is MJPEG and MPEG4. 5.Max framerate can't sync with Wide and Ultra-Wide mode on camera web. 6.The RTSP stream has been disconnected in 5 minutes when the protocol is use under HTTP. 7.The image is broken when the format is MJPEG and resolution is 2592x1944 or 2304x1728. 8.The Zoom or Focus function has on response via camera web or CGI command.													
CB-100A	v3.0.2.4	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-	-	Yes	-	-	-	-	
CB-100Ae	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	2-way	-	-	-	Yes	-	-	-	-	
FB-100A	v3.0.2.3	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	-	
FB-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	-	
FD-100A	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	-	
FD-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	-	
MD-100A	Refer to CB-100A	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-	-	Yes	-	-	-	-	Supported by design
Hydracam	v3.2.3.4	H.264	3	1280x720	2-way	2/2	-	-	Yes	-	Yes	-	-	
Note:	1. Audio function is not supported. 2. Resolution and bitrate list is not synchronized with the camera webpage. 3. The video does not play smoothly when the frame rate set to 1.													
OB-100A	v3.1.0.8	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	Yes	Yes	Yes	-	-	-	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
OB-E200Nf	3.7.0.18.3T	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	-	
Note:	1. Camera is unable to achieve 30 fps. (Camera performance limitation) 2. Video parameter can not sync with web. (Camera firmware issue) 3. UPnP search can not be used. (Camera firmware issue)													
OB-300Ap	v3.7.0.18A	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	-	
Note:	1. Upnp will find wrong model. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS in any format. (Camera performance limitation) 3. Talk has noise. (Camera Firmware issue)													
OB-300Np	v3.7.0.18A	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	-	
Note:	1. Upnp will find wrong model. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS in any format. (Camera performance limitation) 3. Talk has noise. (Camera Firmware issue)													
W/VS-01A	v3.1.0.6	H.264 MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	Yes	Yes	-	-	-	-	
VD-E200Nf	Refer to OB-E200Nf (3.7.0.18.3T)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	-	Supported by design
VD-201Af	v3.2.3.5.6	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	-	
Note:	1.Upnp will find wrong model. (Camera firmware issue) 2.Camera with highest resolution is unable to achieve maximum FPS in any format.(Camera performance limitation) 3. I/O active contrary. (Camera firmware issue) 4.MJPEG resolution requirements shall be a multiple of 8, so cannot support 320x180, substituted resolution is 320x184. (Camera performance limitation)													
VS-04A	v1.0.0.7-03T	MPEG4 M-JPEG	4	720x480	2-way	2/2	Yes	-	Yes	-	-	-	-	
Note:	VS-04A not support PTZ focus, preset, patrol, home													
VS-04A v2	3.5.2.15	H.264 MJPEG	4	720x576	2-way	4/4	Yes	Yes	Yes	-	Yes	Yes	-	
Note:	1. PTZ does not work 2. Audio does not work 3. Resolution and bitrate list is not synchronized with the camera web.													
WCB-100A	v2.3.5.6.1	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-	-	Yes	-	-	-	-	
WCB-100Ae	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	2-way	-	-	-	Yes	-	-	-	-	
WFB-100A	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	-	
WFB-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	-	
OSD/PZ-040D	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x480	2-way	1/1	Yes	Yes	Yes	-	-	-	-	
OSD/PZ-040E	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	Yes	Yes	-	-	-	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
CMNC-130	Enc:V1.102A-008	H.264 M-JPEG	1	1920x960	2-way	1/1	Yes	-	-	-	-	-	
CMNC-200		H.264 M-JPEG	1	1920x1080	2-way	1/1	No	-	-	-	-	-	Supported by design
CTNC-5358D		H.264 M-JPEG	1	720x480	2-way	1/1	No	-	-	-	-	-	Supported by design
HLC-81AD/P		H.264 MPEG4 M-JPEG	1	1600x1200	2-way	1/1	No	-	-	-	-	-	Supported by design
Note :	HLC-81AD/P do not support Auto detection.												
HLC-83V		M-JPEG MPEG4	1	640x480	2-way	-	No	-	Yes	-	-	-	Supported by design
HLC-83V/W		M-JPEG MPEG4	1	640x480	2-way	-	No	-	Yes	-	-	-	Supported by design
HLC-84V		M-JPEG MPEG4	1	640x480	2-way	-	No	-	Yes	-	-	-	Supported by design
HLC-84V/W		M-JPEG MPEG4	1	640x480	2-way	-	No	-	Yes	-	-	-	Supported by design
IPH3611N	1.06.03	H.264 MPEG4 M-JPEG	1	720x576(P) 720x480(N)	2-way	4/2	Yes	-	-	-	-	-	
NVE1000A	1.5.641	M-JPEG MPEG4	1	720x480	2-way	2/2	Yes	-	-	-	-	-	
NVE2000A		M-JPEG MPEG4	1	720x480	2-way	2/2	Yes	-	-	-	-	-	Supported by design
NVE4000A		M-JPEG MPEG4	1	720x480	2-way	2/2	Yes	-	-	-	-	-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi-stream support	Liveview Buffering	Remarks
VB-H43	1.2.0	H.264	1	1920x1080	*2	*2	Yes	*2	*2	-	-	Yes*	Yes	
VB-M640V	1.0.0	MJPEG	1	1280x720	-	-	-	*2	*2	-	-	Yes*	Yes	
Note:	1. Camera setting will synchronize both on stream 2 and stream 3. (Camera firmware issue) 2. Low/Min stream (stream 2 or stream 3) cannot connect randomly.(Camera firemware issue) 3. Support focus in MainConsole. 4. Brightness and saturation cannot be set. (Camera firmware Issue)													
VB-S30D	Ver. 1.1.0	MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes	-	Yes*	Yes	
Note:	Fisheye camera 1.The video parameters of the camera are not configurable with IP+.													
VB-S31D	Refer to VB-S30D(Ver. 1.1.0)	MJPEG	1	1920x1080	1-way	1/1	*2	Yes	-	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye camera													
VB-S800D	1.3.0	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	Yes*	Yes	
Note:	1. Bitrate list won't synchronize with camera web. (Camera firmware limitation) 2. Camera via MJPEG is unable to achieve setting frame rate. (Camera performance issue)													
VB-S805D	Refer to VB-S905F(Ver. 1.0.0)	MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye camera													
VB-S900F	Referto VB-S800D(Ver. 1.1.0)	MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye camera													
VB-S905F	Ver. 1.0.0	MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	-	Yes*	Yes	
Note:	Fisheye camera 1.The range of video parameters are difference between camera web and onvif responsed.													

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Liveview Buffering	Remarks
DCS20HDIRE3V	v1.8.0801.10 01.93.0.66.1.0	H.264 MJPEG	1	1920x1080	2-way	0/0	-	Yes	-	Yes*	Yes	
Note:	1.The bitrate type will be VBR under H.264 after set camera parameter. (Camera Firmware issue) 2.The Max bitrate was wrong under H.264. (Camera Firmware issue) 3.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 4.Motion detection is not supported on MJPEG. (Camera Firmware issue)											
DCS30HDIR30	v1.8.0601.10 01.93.0.65.1.0	H.264 MJPEG	1	2048x1536	2-way	1/1	Yes	Yes	-	Yes*	Yes	
Note:	1.The bitrate type will be VBR under H.264 after set camera parameter. (Camera Firmware issue) 2.The Max bitrate was wrong under H.264. (Camera Firmware issue) 3.The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 4.Motion detection is not supported on MJPEG. (Camera Firmware issue)											

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi-stream support	Liveview Buffering	Remarks
B13H	v1.1.0.0	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	-	
C10	Covered by C10-W	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	-	-	Supported by design
C10-W	v1.1.0.0(build2)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	-	-	
D13HD	v1.1.0.0	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	-	
Generic	cx20141008NSA	H.264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	Yes	Yes*	-	Supported by design
Note:	Support generic dewarp 1. It can't stop pan & tilt sometimes. (Camera performance limitation) 2.It can't set zoom speed. (Camera firmware issue) 3.It should set one stream in MJPEG, the snapshot will work. (Camera firmware issue) 4.If set preset point too fast, it will set worng point. (Camera performance limitation) 5.The resolution setting doesn't sync with web. (Camera firmware issue)												
W13H	v1.1.0.0(build2)	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
Note: Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)####

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced Setting on Server	Multi-stream support	Edge Record	Liveview Buffering	Remarks
BL3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1. Framerate is unable to achieve setting value in MJPEG 1920x1080. (Camera performance limitation)														
BL5103	01_C018	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1. Display mosaic happen in 2304x1296 MJPEG. (Camera performance limitation) 2. Quality list can not synchronize with web. (Camera Firmware issue) 3. Bitrate list can not synchronize with web in MJPEG. (Camera Firmware issue)														
BL5105	01_C020	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1. Camera can not achieve the setting bit rate. (Camera Firmware issue) 2. Volume of camera audio-in is low. (Camera Firmware issue)														
BL5302	02_C022	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1. Audio has noise with AMR. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS. (Camera performance limitation) 3. Move can't not move to center. (Camera Firmware issue) 4. Speed range is not synchronize with web. (Camera Firmware issue)														
BL7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	Yes	Yes	
Note:	1. Audio has noise with AMR. (Camera Firmware issue) 2. Camera is unable to achieve maximum FPS. (Camera performance limitation) 3. Move can't not move to center. (Camera Firmware issue)														
BL7305	01_C020	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
Note:	1. Audio stutter with highest bitrate, quality, resolution. (Camera performance limitaion) 2. Camera with highest resolution and MJPEG format is unable to achieve maximum fps. (Camera performance limitation) 3. Sever resolution list is not same as web page with MJPEG format. (Camera Firmware issue) 4. Not support G.726. (NUUO server limitation)														
BL5103	01_C006	H.264 H.265 MJPEG	1	2048x1520	-	-	-	Yes	Yes	-	-	Yes*	-	Yes	Supported by design
DM3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1. Framerate is unable to achieve setting value in MJPEG 1920x1080. (Camera performance limitation)														
DM3112	02_C022	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
DM5103	01_C013	H.264 H.265 MJPEG	1	2048x1520	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1. Display mosaic happen in 2304x1296 MJPEG. (Camera performance limitation) 2. Quality list can not synchronize with web. (Camera Firmware issue) 3. Bitrate list can not synchronize with web in MJPEG. (Camera Firmware issue)														

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*1: not avaliable on softwar
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
Note: Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)####

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced Setting on Server	Multi-stream support	Edge Record	Liveview Buffering	Remarks
DM5105	Refer to B6520(01_C020)	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
DM5113	Refer to D4320 (01_C020)	H.264 H.265 MJPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	Supported by design
DM5115	01_C017	H.264 H.265 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
DM5302	02_C022	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1. Audio has noise with AMR. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS. (Camera performance limitation) 3.PTZ only support zoom & focus.														
DM7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	Yes	Yes	
Note:	1. Audio has noise. (Camera Firmware issue) 2. G.726 does not supported. (NUUO server limitation)														
DM7305	01_C020	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
Note:	1. Audio has noise. (Camera Firmware issue) 2. Not G.726 support. (NUUO server limitation) 3. Quality list may not be synchronized with camera web. (Camera Firmware issue)														
FE5403	Refer to P4320(01_C020)	H.264 H.265 MJPEG	1	2048x1520	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	Supported by design
FE5405	Refer to P4520(01_C020)	H.264 H.265 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
Note:	1.Frame rate list does not synchronize with web. (Camera Firmware issue) 2.Quality list does not synchronize with web. (Camera Firmware issue) 3.Textures will be broken in MJPEG 2560x1920. (Camera Firmware issue) 4.Multi-Stream Setting's auto mode can not set correctly. (Camera Firmware issue)														

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
PVC2300	1.0.1	MPEG4 M-JPEG	1	640x480	2-way	2/2	Yes	-	Yes	-	-	-	
PVC300	2.0.0.1	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	-	Yes	-	-	-	
VC220	1.0.0.21	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	
VC240	1.0.0.8	MPEG4 M-JPEG	1	640x480	2-way	1/1	*1	-	Yes	-	-	-	
WVC210	V1.1.0	MPEG4 M-JPEG	1	640x480	2-way	0/0	Yes	-	Yes	Yes	-	-	
WVC2300	V1.1.0	MPEG4 M-JPEG	1	640x480	2-way	2/2	Yes	-	Yes	-	-	-	

The table header area includes the CISCO logo and the following notes:

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Yes*: multi stream setting support

Note: PTZ is only supported by external RS-485 device.

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IBE3815NVR		H.264 MPEG4 M-JPEG	1	704x480	2-way	-	Yes	-	Yes	-	-		Supported by design
IBE3815PVR		H.264 MPEG4 M-JPEG	1	704x576	2-way	-	Yes	-	Yes	-	-		Supported by design
IBE5810NCR		H.264 MPEG4 M-JPEG	1	704x480	2-way	-	Yes	-	Yes	-	-		Supported by design
IBE5810PCR		H.264 MPEG4 M-JPEG	1	704x576	2-way	-	Yes	-	Yes	-	-		Supported by design
IBP5030CR	XNET.A1-2.01.13.0204	H.264 MPEG4 M-JPEG	1	1280x960	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.												
IDC4000T	XNET.T1-1.0.13.0424	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-		
Note:	IDC4000T: 1. When setting Video MPEG with CBR in 4000 bitrate on camera web, the CGI will return incorrect video bitrate. It causes software show incorrect item "1M". 2. When trigger DI, DO will be triggered simultaneously.												
IDC4050F	XNET.M1-3.00.13.0204	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue. 2. When it selects MJPEG, 1fps, the actually received fps is 6.												
IDC4050IR	XNET.M1-3.00.13.0204	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue. 2. When it selects MJPEG, 1fps, the actually received fps is 6.												
IDC4050VF	XNET.M1-3.00.13.1125	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*		
Note:	1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue. 2. When it selects MJPEG, 1fps, the actually received fps is 6.												
IDC4050VR	Referto IDC4050VF(XNET.M1-3.00.13.1125)	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*		Supported by design
Note:	1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue. 2. When it selects MJPEG, 1fps, the actually received fps is 6.												
IDP4000VD		H.264 MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-		Supported by design
IDP4000VR		H.264 MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-		Supported by design
IDP4030VR	XNET.A1-2.01.13.0204	H.264 MPEG4 M-JPEG	1	1280x960	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.												
IDP5035VR	XNET.M2-3.00.13.0204	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
IGC2050F	XNET.M1-3.00.13.0204	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	IGC2050F 1. Can not set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue. 2. When it selects MJPEG, 1fps, the actually received fps is 6.												
IGP1000		H.264 MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	Yes	-	-		Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IGP1030	XNET.A1-2.01.13.0204	H.264 MPEG4 M-JPEG	1	1280x960	2-way	1/1	Yes	Yes	Yes	-	-		
Note:	IGP1030 1. In the MJPEG format, the fps is not enough when the resolution is XGA or SXGA.												
IGP2035F	XNET.M2-3.00.13.0204	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	-		
Note:	IGP2035F 1. Firmware issue, failed to set bitrate as 128k over VGA/D1.												
IJB2000		H.264 MPEG4 M-JPEG	1	704x576	2-way	-	Yes	-	Yes	-	-		Supported by design
INS2000	XNET.A1-2.01.13.0902	H.264 MPEG4 M-JPEG	1	704x480	2-way	1/1	Yes	Yes	Yes	-	Yes*		
Note:	1. Could not reach up to maximum FPS 2. Audio stutter with G.711												
IPM3063N		H.264 MPEG4 M-JPEG	1	704x480	2-way	-	Yes	-	Yes	-	-		Supported by design
IPM3063P		H.264 MPEG4 M-JPEG	1	704x576	2-way	-	Yes	-	Yes	-	-		Supported by design
IS1765x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	2-way	1/1	Yes	-	Yes	-	-		Supported by design
ISMC1063x	XNET.A1-2.01.13.0204	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	2-way	4/0	Yes	Yes	Yes	-	-		
Note:	ISMC1063x includes ISMC1063P and ISMC1063N 1. Not support Audio codec G.726 when using TCP connection.												
ISS2765NW		H.264 MPEG4 M-JPEG	1	704x480	2-way	-	Yes	-	Yes	-	-		Supported by design
ISS2765PW		H.264 MPEG4 M-JPEG	1	704x576	2-way	-	Yes	-	Yes	-	-		Supported by design
ISS2965x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	2-way	1/1	Yes	-	Yes	-	-		Supported by design
ISS4032Z28W	XNET.M2-3.00.13.0204	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	Firmware issue, failed to set bitrate as 128k over VGA/D1.												
ISSM2063x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	2-way	1/1	Yes	-	Yes	-	-		Supported by design
IVC4000T		MPEG4 M-JPEG	1	640x480	-	-	-	-	Yes	-	-		Supported by design
IVC5055VF	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	-	Yes	-	-		Supported by design
IVC5055VR	Refer to IDC4050VF(XNET.M1-3.00.13.1125)	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes		Supported by design
Note:	1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue. 2. When it selects MJPEG, 1fps, the actually received fps is 6.												
IVP4000VR		H.264 MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-		Supported by design
IVP4030VR	XNET.A1-2.01.13.0204	H.264 MPEG4 M-JPEG	1	1280x960	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.												
IVP5035VR	XNET.M2-3.00.13.0204	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	Firmware issue, failed to set bitrate as 128k over VGA/D1.												
IXC2050IR	XNET.M1-3.00.13.0204	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue. 2. When it selects MJPEG, 1fps, the actually received fps is 6.												
IXP3035VR	XNET.M2-3.00.13.0204	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	Firmware issue, failed to set bitrate as 128k over VGA/D1.												
MPC1070PN	1.0.46	H.264 MJPEG	1	2592x1944	2-way	-	-	Yes	Yes	-	Yes		
Note:	Fisheye camera 1: (Camera performance limitation) Camera is unable to achieve maximum FPS. 2: (Camera firmware issue)Audio stutter with G.711. 3: (Camera performance limitation) MJPEG bitrate setting is restricted by fps setting. 4. (Camera performance limitation) 2nd stream and 3rd stream are unable to achieve 500k/100k bps.												
NDE5055MF	XNET.N1-1.02.13.0204	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.												
NDE5055VR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.												
NGE2055F	XNET.N1-1.02.13.0204	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	
Note:	NGE2055F 1. Not support UDP connection. 2. Video connection cannot establish when the setting of bitrate is 9M or 10M.												
NVE5055MF	XNET.N1-1.02.13.0204	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.												
NVE5055VR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.												
NXE3055MR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.												
NXE3055VR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-1201	V0.00.01	H.264 MJPEG MPEG4	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes	Yes	
DCS-1301	0.01.00	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	The resolution and bitrate list may not be synchronized with camera web.(Camera Firmware issue)												
DCS-2100		H.263	1	720x576	1-way	-	-	-	Yes	-		Yes	Supported by design
DCS-2103	1.20.00	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-		Yes	
DCS-2103B1	Refer to DCS-2132LB(V2.00.05)	H.264 MJPEG	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
DCS-2100G		H.263	1	720x576	1-way	-	-	-	Yes	-		Yes	Supported by design
DCS-2120		MPEG4	1	720x576	1-way	-	-	-	Yes	-		Yes	Supported by design
DCS-2120(TW)	0201tw	MPEG4	1	720x576	1-way	1/1	-	-	Yes	-		-	
DCS-2130	Refer to DCS-2103(1.20.00)	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-		Yes	Supported by design
DCS-2136L	V1.03.00	H.264 MPEG4 M-JPEG	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
DCS-2210	V1.22	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. In aspect 4:3 mode, the framerate list of CGI is not synchronized with the camera web when a stream sets to 1440x1080 resolution. (Camera Firmware issue) 2.When the stream 1 with highest resolution, the stream 2,3 are unable to achieve the setting framerate. (Camera performance issue)												
DCS-2210L	Refer to DCS-2230L(v0.03.00)	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	Yes	Supported by design
DCS-2230	Refer to DCS-2210(V1.22)	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
DCS-2230L	v0.03.00	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	Yes	
Note:	1.The talk function can't be work.(Camera Firmware issue) 2.When the stream 1 with highest resolution, the stream 2,3 are unable to achieve the setting framerate. (Camera performance issue) 3.Stream 1 FPS will drop with the resolution large than 1024x768 when stream 2 or stream 3 connects in the same time. (Camera Performance issue)												

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-2310L	Refer to DCS-2332L(1.02.00)	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-		Yes	Yes	-		Yes	Supported by design
DCS-2132LB	V2.00.05	H.264 MJPEG	1	1280x720	2-way	1/1	-		Yes	Yes	-	Yes*	Yes	
Note:	1. Audio-out will happen the loss of function when change the camera parameters. (Camera Firmware issue) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Sometimes motion can not be used. (Camera Firmware issue) 4.Resolution list does not synchronize with camera web, that cause all stream connection fail when a stream of the resolution sets to an out of boundary. (Camera Firmware issue)												
DCS-2132LB1	v2.00.05	H.264 M-JPEG	1	1280x720	2-way	1/1	-		Yes	Yes	-		-	
Note:	not support TCP/UDP												
DCS-2330L	V1.00.01	H.264 M-JPEG	1	640x480	1-way	-	-		Yes	Yes	-	Yes*	Yes	
Note:	1. not support TCP/UDP 2. not support talk 3. The list of resolution is not synchronized with camera web. (Camera Firmware issue)												
DCS-2332L	V1.02.00	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-		Yes	Yes	-	Yes*	Yes	
Note:	1. Fps can not achieve to setting value. (Camera performance limitation) 2. Stream 3's settings would not syn. with camera web. (Camera firmware issue) 3. Resolution list may not sync with web. (Camera firmware issue) 4. Bitrate list may not sync with web. (Camera firmware issue)												
DCS-2310LB1	0.03.00	H.264 MJPEG	1	1280x720	1-way	-	-		Yes	Yes	-	Yes	Yes	
Note:	1. Control mode of resolution, framerate, bitrate cannot be changed under H.264 format. (Camera firmware issue) 2. The name of this camera in search window will show as DCS-2310L. (Camera firmware issue)												
DCS-3010	v1.12.07	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-		Yes	Yes	-	Yes	Yes	
Note:	1. Stream would disconnect and motion would not be triggered due to camera limited performance. (Camera firmware issue)												
DCS-3110		MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-		Yes	Supported by design
DCS-3112	v1.11.01	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. DI can not work (Camera Frimware issue)												
DCS-3220		MPEG4	1	720x576	2-way	1/1	-	-	Yes	-	-		Yes	Supported by design
DCS-3220G		MPEG4	1	720x576	2-way	1/1	-	-	Yes	-	-		Yes	Supported by design
DCS-3410		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	-	Yes	-	-		Yes	Supported by design
DCS-3415		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-		Yes	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-3420		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	Yes	Supported by design
DCS-3430	1.02_4125	H.264 MPEG4 M-JPEG	1	640x480	2-way	2/1	Yes	Yes	Yes	-	-	Yes	
DCS-3511	v1.10.13	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	Yes	Yes	Yes	Yes	Yes*	Yes	
Note:	1. When sending a RS-485 command, the live view will be disconnected in a few seconds. (Camera Firmware issue) 2. Audio out can not work. (Camera Firmware issue) 3.Audio stutter with AAC and G.711, and G.711 is not clear. (Camera performance issue) 4.The digital output(DO) connector follows digital input(DI) to change status when DI is triggered.(Camera Fimware issue)												
DCS-3530	Refer to DCS-3511(v1.00.06)	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	Yes	Yes	Yes	-	-	Yes	Supported by design
DCS-3710	1.00	MPEG4 M-JPEG	1	1280x960	2-way	2/1	Yes	Yes	Yes	-	-	Yes	
DCS-3710B1	V0.02.00	H.264 M-JPEG MPEG4	1	1280x1024	2-way	2/1	Yes	-	Yes	-	Yes*	Yes	
Note:	1.Because the CGI conntent does not include qualitymode field, the bitrate control mode is not synchronized with camera web. (Camera Firmware issue)												
DCS-3714	v1.00.00	H.264 MPEG4 M-JPEG	1	1280x720	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. Not supoort 8M bitrate. (Camera Firmware issue)												
DCS-3715	v1.20	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
DCS-3716	V1.03.00	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. The quality setting of M-JPEG is unavailable. (camera Firmware issue) 2. The main stream of resolution and frame rate list are different with camera web in MPEG4. (camera Firmware issue) 3. The camera with highest resolution is unable to achieve the setting framerate. (camera performance limitation) 4. The frame rate list is different with camera web when resolution set to 2048x1536. (camera Firmware issue) 5. The 2nd stream with any resolution is unable to achieve the setting bitrate in MPEG4. (camera performance limitation) 6. Talk function has stutter. (camrea Firmware issue) 7. Configure all stream to highest quality and resolution with any format,each stream FPS will insufficient.(camera performance limitation) 8. Bit rate can not achieve web setting.(camera performance limitation)												
DCS-4201	V1.00.02	H.264 M-JPEG	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. The 2nd stream can not set to resolution 1280x720, when stream1 resolution is 1280x720.(Camera Firemware issue) 2. The camera with highest resolution is unable to achieve the setting framerate.(Camera performance limitation)												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-4602EV	V1.00.01	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Yes	
Note:	1. The camera with highest resolution is unable to achieve the setting framerate in MJPEG.(Camera performance limitation)												
DCS-4603	0.00.08	H.264 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes*	Yes	
Note:	1. The actual resolution is 896x720 but the setting list will show 900x720 (Camera firmware issue) 2. The camera with highest parameter via H.264 is unable to achieve setting frame rate. (Camera performance issue) 3. The camera with highest parameter via H.264 is unable to achieve setting bitrate. (Camera performance issue) 4. The camera with highest parameter via MJPEG is unable to achieve setting frame rate. (Camera performance issue)												
DCS-4622	1.00.03	H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	Yes*	Yes	
DCS-4703	Refer to DCS-4603(0.00.08)	H.264 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
DCS-4802E	Refer to DCS-4602EV(V1.00.01)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
DCS-5000L	v1.02.01	MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	-	-	Yes	
DCS-5010L	Refer to DCS-5020L(1.01)	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	-	-	-	Supported by design
DCS-5020L	1.01	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	-	-	-	
DCS-5211L	1.10	H264 MPEG4 M-JPEG	1	1280x720	2-way	1/1	Yes	Yes	Yes	Yes	-	Yes	
Note:	1. Only can patrol one times. (Camera firmware limitation)												
DCS-5220	200	MPEG4	1	720x576	1-way	-	Yes	-	Yes	-	-	Yes	
DCS-5220(TW)		MPEG4	1	720x576	1-way	-	Yes	-	Yes	-	-	Yes	Supported by design
DCS-5222L	1.10	H264 MPEG4 M-JPEG	1	1280x720	2-way	1/1	Yes	Yes	Yes	Yes	-	Yes	
Note:	1. Only can patrol one times. (Camera firmware limitation)												
DCS-5222LB	Refer to DCS-5222LB1(2.01.05)	H.264 M-JPEG	1	1280x720	2-way	1/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
DCS-5222LB1	2.01.05	H.264 M-JPEG	1	1280x720	2-way	1/1	Yes	Yes	Yes	Yes	Yes	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-5222LB2	Refer to DCS-5222LB1(2.01.05)	H.264 M-JPEG	1	1280x720	2-way	1/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
DCS-5300	1.05	H.263	1	704x576	1-way	1/1	Yes	-	Yes	-	-	Yes	
DCS-5300G		H.263	1	720x576	1-way	1/1	Yes	-	Yes	-	-	Yes	Supported by design
DCS-5605	1.01, 4126	H.264 MPEG4 M-JPEG	1	704x480	2-way	1/1	Yes	Yes	Yes	Yes	-	Yes	
DCS-5610		MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	-	Yes	-	-	Yes	Supported by design
DCS-5615	1.00.02	H.264 M-JPEG	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes	-	Yes	
DCS-5635	1.01, 4126	H.264 MPEG4 M-JPEG	1	704x480	2-way	1/1	Yes	Yes	Yes	Yes	-	Yes	
DCS-6004L	v0.00.01	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-	Yes	Yes	-	-	Yes	
Note:	DCS-6004L: 1. Resolution 176x144 and bitrate 8M are not the same as camera web. (Camera firmware issue)												
DCS-6005L	Refer to DCS-6004L(v0.00.01)	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-	Yes	Yes	-	-	Yes	Supported by design
DCS-6010L	v1.12.02	H.264 MPEG4 M-JPEG	1	1600x1200	2-way	-	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. The resolution is changed to 1600x1200, that the display mode of fisheye is enforced to 4R mode. (camera Firmware issue)												
DCS-6045L	V1.00b3	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	Yes	-	-	-	
DCS-6110	1	M-JPEG	1	720x576	-	1/1	-	-	Yes	-	-	Yes	
DCS-6111	1	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	Yes	
DCS-6112	v2.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Yes	
Note:	camera issue:1.The camera with highest quality and MJPEG format is unable to achieve 30 fps 2.The audio talk is not supported												
DCS-6112B1	v3.00.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	-	Yes	
Note:	1.The camera with highest quality and MJPEG format is unable to achieve 30 fps. (camera performance issue) 2.The audio talk is not supported (camera Firmware issue)												
DCS-6113	refer to DCS-6112(v2.10.02)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Yes	Supported by design
DSC-6113B1	refer to DCS-6112B1(v3.00.00)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-6113VB1	refer to DCS-6112B1(v3.00.00)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
DCS-6115	v0.09.00	H.264 MPEG4 M-JPEG	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1.In highest parameter setting with MJPEG are unable to achieve sufficient FPS.(Camera performance limitation) 2. Multi-Stream Settings in auto mode bitrate will too high. (Camera Firmware issue)												
DCS-6116	v1.00.09	H.264 MJPEG	1	2048x1536	2-way	-	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Frame rate lists are not synchronize with camera web on 50Hz. (Camera Firmware Issue) 2. Camera setting of speaker and mic switch doesn't synchronize with camera web. The status of them are in contrast. (Camera Firmware Issue) 3. Talk function with Alaw codec cannot work. (Camera Firmware Issue)												
DCS-6210	v1.00.06	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Flip and Mirror of CGI are contrary the camera web. (Camera Firmware issue) 2. When move the camera, the camera is easily disconnect. (Camera performance limitation) 3. Audio has noise by using internal microphone. (Camera performance limitation) 4. In MJPEG, the live view displays 480x264 but the camera setting is 480x270. (Camera Firmware issue) 5. Each stream with any format and highest parameter setting are unable to achieve sufficient FPS. (Camera performance limitation) 6. The camera with highest setting is unable to achieve sufficient FPS in MJPEG. (Camera performance limitation) 7. The CGI's framerate and bitrate list is not same as camera web in the different resolution. (Camera Firmware issue) 8. Camera is unable achieve sufficient FPS with over 4M bitrate. (Camera Firmware issue) 9. In MPEG4 and MJPEG, the resolution list is not same as camera web.(Camera Firmware issue) 10. In MJPEG, the live view displays 800x448 but the camera setting is 800x450. (Camera Firmware issue) 11. When the format changes to MPEG4 before format is H.264 or MJPEG with the 176x144 resolution, the display will mosaic.(Camrea performance limitation)												
DCS-6212L	0.01.00	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	Yes	Yes	
DCS-6314	v1.01	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1.Camera with highest resolution is unable to achieve maximum FPS in any format. (Camera performance issue)												
DCS-6315	Refer to DCS-6115(V0.09.00)	H.264 MPEG4 M-JPEG	1	1280x720	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
DCS-6510	v1.02	H.264 MJPEG MPEG4	1	640x480	*2	*2	-	Yes	Yes	-	Yes	Yes	
Note:	1. It will return a JPEG image with resolution 640x360(aspect ratio 16:9), or 640x480(aspect ratio 4:3). (Camera performance limitaion) 2. Audio and I/O can not test without connector.												
DCS-6511	Refer to DCS-7513(v2.0.23)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
DCS-6513	1.02.00	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	1. PTZ only supports focus. 2. In aspect ratio 4:3, the resolution of profile2 can't set 2048x1536 with H.264 and MJPEG.(Camera Firmware issue) 3. We can't integrate zoom function in our system, due to CGI request only has get operation by defining NIPCA 1.9.5. (Camera firmware issue) [FW 1.03.03] test by universal model: 1. The camera with highest resolution is unable to achieve the setting framerate in MJPEG, MPEG4 and H.264. (Camera performance limitation) 2. The zoom in and out of behaviour are opposite.(Camera Firmware issue) 3. The 3rd stream can not set resolution to 2048x1536 when stream 1 and stream 2 are 2048x1536. (camera performance												
DCS-6515	Refer to DCS-7518(v1.00.00)	H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	Yes	Supported by design
DCS-6517	Refer to DCS-7517(v1.00.03)	H.264 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
DCS-6616	1.05	MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	-	Yes	-	-	Yes	
DCS-6620	1.05	MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	-	Yes	-	-	Yes	
DCS-6620G	v2.00.02	H.264 MPEG4 M-JPEG	1	720x576	2-way	8/1	Yes	Yes	Yes	-	-	Yes	
DCS-6817B1	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	8/1	Yes	Yes	Yes	Yes	-	Yes	
DCS-6915	v1.00.10	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	-	Yes	
Note:	DCS-6915: Not support talk												
DCS-6915B1	refer to DCS-6915(v1.00.10)	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	-	Yes	Supported by design
DCS-7000L		H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	Yes	
DCS-7010L	V1.05.03	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. The camera with highest resolution is unable to achieve the setting framerate in H.264 and MPEG4. (Camera performance limitation) 2. When the format changes to MPEG4 before format is H.264 or MJPEG with the 176x144 resolution, the display will mosaic. (camera firmware issue)												
DCS-7110	v3.00.01	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	-	Yes	
DCS-7110A3	V2.10.03	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	Yes	Yes	Yes	Yes	Yes	Yes	
Note:	1.The list of resolution 176x144 can't sync with web (Camera firmware issue)												
DCS-7110B1	V3.00.04	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1.The camera with highest quality and resolution cannot achieve 30 fps. (Camera performance issue) 2.The framerate list will not change when resolution has been changed. (Camera Firmware issue)												
DCS-7410	1.00.02	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-7413	2.00.00	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
DCS-7413 B1	V2.11.08	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. The camera with highest bitrate and resolution are unable to achieve the setting framerate. (Camera performance issue)												
DCS-7513	v2.0.23	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. The camera with highest bitrate and resolution are unable to achieve the setting framerate. (Camera performance issue) 2. There is a seven seconds latency of Talk function. (Camera firmware issue)												
DCS-7513	V1.11.06	H.264 MJPEG MPEG4	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. The camera with highest bitrate and resolution is unable to achieve the setting framerate. (Camera performance issue) 2. When the format changes to MPEG4 before format is H.264 or MJPEG with the 176x144 resolution, the display will mosaic. (camera Firmware issue) 3. The live view is not clear when the resolution changes to 320x176 or 480x270 in MPEG4. (camera Firmware issue)												
DCS-7517	V1.00.03	H.264 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Audio out function could not work. (Camera Firmware issue) 2. Audio in function only support G.711 codec. (Camera Firmware issue) 3. OSD of live view is showed 960x536 when camera web is setting 960x540 resolution in MJPEG. (Camera Fireware issue) 4. Zoom and foucs functions are not support. (Camera Fireware issue) 5. DI is triggered and DO status also opposites. (Camera Fireware issue) 6. Motion detection(MD) function is invalid when MD has activated for a long time. (Camera Fireware issue)												
DCS-7518	V1.00	H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	Yes	
Note:	1. Can not search the camera by UPnP. (Camera firmware issue) 2. Talk function will fail with G.711 a-law. (Camera firmware issue) 3. Camera video parameter of contrast will fail when set up to 9. (Camera firmware issue) 4. The list of resolution and framerate is not synchronized with camera web. (Camera firmware issue)												
DCS-900	1	MPEG4	1	640x480	1-way	-	-	-	Yes	-	-	-	
DCS-910	1.03	M-JPEG	1	640x480	1-way	-	-	-	Yes	-	-	-	
DCS-920	1.00(2012-11-09)	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	
DCS-931L	2.00	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	
Note:	Camera issue: Auto detection fail.												
DCS-930LB	Refer to DCS-LB1(v2.00 b1)	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	Supported by design
DCS-930LB1	v2.00 b1	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DCS-932L	refer to DCS-930LB1(v2.00 b1)	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	Supported by design
DCS-932LB	Refer to DCS-932LB1(v2.00 b1)	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	Supported by design
DCS-932LB1	refer to DCS-930LB1(v2.00 b1)	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	Supported by design
DCS-933L	1.00	H.264 M-JPEG	1	VGA	2-way	-	-	Yes	Yes	-	-	-	
DCS-935L	V1.00	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	-	-	Yes	
DCS-940L	1.2	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	-	
DCS-942L	v1.20	H.264 MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	Yes	-	-	Yes	
DCS-942LB	Refer to DCS-942LB1(V2.00 _3815)	H.264 MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	Yes	-	-	Yes	Supported by design
DCS-942LB1	V2.00_3815	H.264 MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	Yes	-	-	-	
DCS-950		MPEG4	1	640x480	1-way	-	-	-	Yes	-	-	-	Supported by design
DCS-950G		M-JPEG	1	640x480	-	-	-	-	Yes	-	-	-	Supported by design
DCS-G900		M-JPEG	4	720x576	-	4/2	-	-	Yes	-	-	-	Supported by design
DVS-104		H.263	1	704x576	1-way	1/1	-	-	Yes	-	-	Yes	Supported by design
DVS-301	Tested by DCS-2332L (V1.01.02)	H.264 MPEG4 M-JPEG	1	1280x800	2-way	-	-	Yes	-	-	-	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Universal Model	Tested by DCS-6513 (V1.03.03)	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	-	-	Yes*	-	
Note	1. The camera with highest resolution is unable to achieve the setting framerate in MJPEG, MPEG4 and H.264. (camera performance limitation) 2. The zoom in and out of behaviour are opposite. (camera firmware issue) 3. The 3rd stream can not set resolution to 2048x1536 when stream 1 and stream 2 are 2048x1536. (camera performance limitation) 4. When the format changes to MPEG4 before format is H.264 or MJPEG with the 176x144 resolution, the display will mosaic. (camera firmware issue) 5. Universal Model now integrate from spec Nipca 1.9.5..												
Note	Fisheye camera For DCS-3415: PTZ support zoom only. For DCS-2103: Talk function can't be used on camera web and MainConsole. For DCS-2210: Talk function can't be used on camera web and MainConsole simultaneously. For DCS-3010: Firmware issue: Not support Talk and bitrate setting(exceeding 2Mkbps cause broken-image and image delay) For DCS-2121: The talk function on web can not work.												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Generic	2.210.0000.0 H.264			1920x1080	2-way	7/7	Yes	Yes	*1	Yes	Yes*	Yes	

Note	1.The range of parameter on camera will changed by other parameter, our parameter dialog can't synchornize with camera. (Camera Firmware issue)
	2.There are two PTZ CGIs to function zoom and foucs, we only support one, so zoom and focus maybe could not work well. (Camera Firmware issue)
	3.Filp can not work well. (Camera Firmware issue)
	4.Image Parameters cannot be set normally. (Camera Firmware issue)
	5.Audio G.711A (16k), G.711Mu (16k) and AAC(8k and 16k) are not support. (NUUO server limitation)
	6.PTZ cannot normally use Speed, Zoom, Focus, and AutoPan functions. (Camera Firmware issue)
	7.DO cannot normally work. (Camera Firmware issue)
	8.DI/DO support quantity is based on camera specifiction. (Camera speficication difference)
	Firmware must be 2.210.BW03.0.T.A.2017.3N.NR, build : 2015-11-06 or above then can use generic model.
	1.The range of parameter on camera will be changed by other parameter, our parameter dialog can't synchornize with camera. (Camera firmware issue)
	2.The bitrate range may be out of web bitrate range. (Camera firmware issue)
	3.Zoom and Focus function may not work. (Camera firmware issue)
	4.Filp can not work. (Camera firmware issue)
	5.Image Parameters cannot be set normally. (Camera firmware issue)
	6.Audio G.711A (16k) and G.711Mu (16k) are not support. (NUUO Server Limitation)
	7.PTZ speed features can set, but they can not effect PTZ speed. (Camera firmware issue)
	8.AutoDect function cannot work. (Camera firmware issue)
	9.DO cannot normally work. (Camera firmware issue)
	10.DI/DO support quantity is based on camera specifiction. (Camera speficication difference)
	Firmware must be 2.400.0000.23.R, build : 2015-12-15 or above then can use generic model.
	1.The range of parameter on camera will be changed by other parameter, our parameter dialog can't synchornize with camera. (Camera firmware issue)
	2.There are two PTZ CGIs to function zoom and foucs, we only support one, so zoom and focus maybe could not work well. (Camera Firmware issue)
	3.Filp cannot work. (Camera firmware issue)
	4.Image Parameters can not normally set. (Camera firmware issue)
	5.Audio G.711A (16k), G.711Mu (16k) and AAC(8k and 16k) are not support. (NUUO Server Limitation).
	6.PTZ only support Zoom,Focus, and AutoFocus.
	7.DO can not normally work. (Camera firmware issue)
	8.DI/DO support quantity is based on camera specifiction. (Camera speficication difference)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
HCVR5104H	3.200.0005.1.R, build : 2014-04-27	H.264	4	1280x720	2-way	-	Yes	Yes	Yes	-	Yes	Yes	

Note	1.The bit-rate values in the combo box are not all valid, users have to choose a valid one (the range can be get from the web of the device) while setting. (NUUO Server limitation)
	2.The auto detection and the UPnP searching are not supported. (Camera firmware issue)
	3.The audio-in is for Channel 1 only. (Camera firmware issue)
	4.The PCM audio format is not supported. (Camera firmware issue)
	5.The talk function is not supported. (Camera firmware issue)
	6.The move and auto-pan functions of PTZ are not supported. (Camera firmware issue)
	7.After doing focus-near or focus-far, it will do autofocus immediately. (Camera firmware issue)
	8.The auto-focus is not supported because it is not supported by the Dahua CGI API. (Camera firmware issue)
	9.The motion detection is not supported. (Camera firmware issue)
	10.In some cases (lower FPS), setting the video configuration will fail, even the bit-rate is fit. (Camera firmware issue)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-EBW81200	2.400.0000.4.R, build : 2015-08-06	H.264 MJPEG	1	4000x3000	2-way	2/1	-	Yes	Yes	-	Yes*	Yes	

Note	Fisheye camera
	1. Server does not support G.726 and AAC. (NUUO server limitation)
	2. The list of frame rate is not synchronized with the one on the camera web. (Camera Firmware issue)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-EBW8600	2.400.0000.4.R, build : 2015-08-06	H.264 MJPEG	1	3072x2048	2-way	2/1	-	Yes	Yes	-	Yes*	Yes	

Note	Fisheye camera
	1. Server does not support G.726 and AAC. (NUUO server limitation)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-HD2100	2.212.0000.1.T, build : 2014-02-08	H264 MJPEG	1	1280x960	-	-	-	Yes	Yes	-	Yes	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
If general, motion, alarm stream settings is inconsistent, the connection will be unstable.
The connection is unstable, because of using ServerPush to get events.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note	1. The range of bitrate and framerate does not synchronous with the camera's website which may result in failure of stream parameter setting. 2. If enable MD and used MJPEG as stream codec which could result in video freeze then start play after few seconds.												
IPC-HDB3101	Refer to IPC-HFW3101C (FW V2.103)	H264 MJPEG	1	1280x960	2-way*2	2/1	-	*2	*2	-	-	Yes	Supported by design
Note	FW issue: bit rate range is different between camera web and response to cgi												
IPC-HDB3300	Refer to IPC-HF3300	H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	-	-	-	-	Yes	
IPC-HDBW3101	Refer to IPC-HFW3101C (FW V2.103)	H264 MJPEG	1	1280x960	2-way*2	2/1	-	*2	*2	-	-	Yes	Supported by design
IPC-HDBW3300	2.000.0000.1.R,Build 20111022	H.264 M-JPEG	1	2048x1536	2-way	2/1	Yes	-	-	-	-	Yes	
IPC-HDBW5121E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HDBW5220E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HDBW5221E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HDBW5421E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HF3110	2.000.0000.1.R,Build 20111022	H.264 M-JPEG	1	1.3M	2-way	1/1	Yes	-	-	-	-	Yes	
IPC-HF3211	2.000.0000.1.R,Build 20111022	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	-	-	-	-	Yes	
IPC-HF3300	2.000.0000.1.R,Build 20111022	H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	-	-	-	-	Yes	
IPC-HF5100	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes		Yes	Yes	Supported by design
IPC-HF5121E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
If general, motion, alarm stream settings is inconsistent, the connection will be unstable.
The connection is unstable, because of using ServerPush to get events.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-HF5200	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HF5221E	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HF5421E	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HF81200E	2.400.0000.7.R	H.264 MJPEG	1	4000x3000	2-way	2/1	Yes	Yes	Yes	Yes	Yes*	Yes	
Note	1. The bitrate of stream 1 in camera with highest resolution via MJPEG is higher than settings bitrate. (Camera performance limitation) 2. Audio codec via G.726 and AAC can not be used. (NUUO server limitation) 3. The list of Frame Rate is not synchronized with the one on camera web. (Camera Firmware issue)												
IPC-HFW1220S	2.420.0000.11.R, build : 2015-07-07	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Yes	
Note	1. The list of frame rate is not synchronized with the one on the camera web. (Camera Firmware issue)												
IPC-HFW5121E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HFW5200	2.42	H.264 MJPEG	1	1920x1080	2-way	2/1	-	Yes	Yes	-	Yes	Yes	
Note	1. Sometime parameter dialog will fail to get codec parameter with high bitrate. (Camera performance limitation) 2. The range of parameter on camera will change by other parameter, our parameter dialog can't synchornize with camera. (Camera firmware issue) 3. Slow reaction when motion dectection is triggered. (Camera performance limitation) 4. Polling the DI/Motion status will make the audio stutter (Camera performance limitation)												
IPC-HFW5220E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HFW5221E-Z	Refer to IPC-HFW5421E-Z(V2.400.0000.30.R.20160604)	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HFW5421E-Z	V2.400.0000.30.R.20160604	H.264 MJPEG	1	2688x1520	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	
Note	1. PTZ only support zoom & focus. 2. Audio via G.711A is abnormal (Camera firmware issue) 3. Audio via AAC has no voice. (NUUO server limitation)												
IPC-HFW3200C	2.212.0000.1.T, build : 2014-02-08	H264 MJPEG	1	1920x1080	2-way	2/1	-	Yes	Yes	-	Yes	Yes	
Note	1. The range of bitrate and framerate does not synchronous with the camera's website which may result in failure of stream parameter setting. 2. If enable MD and used MJPEG as stream codec which could result in video freeze then start play after few seconds. 3. There is big noise in audio with format PCM. 4. There is discontinuous audio with format G.711Mu and G.711A.												
IPC-HFW3101C	V2.103	H264 MJPEG	1	1280x960	2-way*2	2/1	-	*2	*2	-	-	Yes	

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-HFW5302C	2.420.0005.0.R, build : 2014-12-05	H.264 MJPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	
Note	1. The range of parameter on camera will change by other parameter, parameter setting in VMS can't synchronize with camera.(Camera firmware issue) 2. When framerate set to 1 and record dynamic picture, the picture's framerate may rise to 30 immediately. (Camera firmware issue) 3. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera firmware issue) 4. Sometime parameter dialog will fail to get parameters with high resolution, framerate, and bitrate. (Camera performance limitation) 5. Zoom in/out will not run step by step, it will zoom to limit directly. (Camera firmware issue) 6. DO can not trigger. (Camera firmware issue) 7. PTZ only support zoom & focus.												
SD32203S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD40212S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD42212S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD42C212S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD50120S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD50220S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD50230S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD52C120S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD52C220S-HN	2.210.0003.0.R.A.2017, build : 2014-11-12	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	

| | | - : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
If general, motion, alarm stream settings is inconsistent, the connection will be unstable.
The connection is unstable, because of using ServerPush to get events. | | | | | | | | | | | |

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	1. The range of parameter on camera will change by other parameter, parameter setting in VMS can't synchronize with camera.(Camera firmware issue) 2. The camera can't be search by auto detection function and UPNP tool. (Camera firmware issue) 3. When framerate set to 1 and record dynamic picture, the picture's framerate may rise to 30 immediately. (Camera firmware issue) 4. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera firmware issue) 5. Sometime parameter dialog will fail to get parameters with high resolution, framerate, and bitrate. (Camera performance limitation) 6. The setting may fail when setting format from MJPEG to H.264. (Camera firmware issue) 7. Audio and talk functions will fail with codec PCM. (Camera firmware issue)												
SD52C230S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD59120S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD59212S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD59220S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD59230S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD63120S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD63220S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD63230S-HN	refer to SD52C220S-HN(2.210.00 03.0.R.A.201 7, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD6366E-HN	2.213.0000.1 .R, build : 2013-12-27	H.264 M-JPEG	1	704x576	2-way	*2	Yes	Yes	*2	-	Yes	Yes	
Note	1.There is no guarantee that the bitrate values in the combo box is valid. User should apply a value in the valid C14range (can be get from the web page of the camera) so that the setting can be applied successfully. 2.FW Issue: the Dahua CGI API dose not support the autofocus command though the camera has the function of autofocus.												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
If general, motion, alarm stream settings is inconsistent, the connection will be unstable.
The connection is unstable, because of using ServerPush to get events.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SD65XX-HN	2.102.0001.0.D	H.264 M-JPEG	1	1920x1080	1-way	7/2	Yes	Yes	-	-	-	Yes	
Note:	1.MJPEG not support MD 2.FW issue, MJPEG bitrate can't not set over 8192. 3.FW/HW issue, liveview may not change after setting videoparameter.												
SD69XX-HN		H.264 M-JPEG	1	1920x1280	1-way	7/2	Yes	Yes	-	-	-	Yes	Supported by design
Note:	1.MJPEG not support MD 2.FW issue, MJPEG bitrate can't not set over 8192. 3.FW/HW issue, liveview may not change after setting videoparameter.												
SD6A230	2.212	H.264 MJPEG	1	1920x1080	2-way	7/2	Yes	Yes	*2	-	Yes	Yes	
Note:	1. The permitted parameter list on camera will be changed by other parameters, our parameter dialog can't synchornize with camera. (Camera firmware issue) 2. The camera can't be searched by UPnP tools. (Camera firmware issue) 3. Slow reaction when motion dectection is triggered. (Camera performance limitation) 4. Big audio noise with PCM. (Camera firmware issue) 5. CGI response "support flip/mirror", but actually not. (Camera firmware issue) 6. Polling the DI/Motion status will make the audio stutter. (Camera performance limitation)												
SD6C120S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD6C220S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD6C230S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
SD6C430UN-HN	2.420.0000.5.R.301d.3N.NR, build : 2016-04-13	H.264 MJPEG	1	2592x1520	*2	*2	Yes*	Yes	*2	Yes	Yes*	Yes	
Note:													
SDZW2030S-HN	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5100D	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5200D	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5100-IRA	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-HFW5200-IRA	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5100C	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5200C	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5300C	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5202C	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5100E-VF	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5200E-VF	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5300E-VF	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5200E-Z	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HFW5300E-Z	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW4421E	Refer to IPC-HFW5421E-Z(2.400.0000.23.R, build : 2015-12-15)	H.264 MJPEG	1	2688x1520	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HDBW4421F-AS	Refer to IPC-HFW5421E-Z(2.400.0000.23.R, build : 2015-12-15)	H.264 MJPEG	1	2688x1520	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
IPC-HDBW5100	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
If general, motion, alarm stream settings is inconsistent, the connection will be unstable.
The connection is unstable, because of using ServerPush to get events.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-HDBW5200	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5300	refer to SD52C220S-HN(2.210.0003.0.R.A.2017, build : 2014-11-12)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5202	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5302	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5100-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5200-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5300-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5202-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDBW5302-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5100	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5200	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5300	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5202	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPC-HDB5302	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5100-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5200-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5300-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5202-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDB5302-DI	refer to IPC-HFW5302C(2.420.0005.0.R, build : 2014-12-05)	H.264 M-JPEG	1	2048*1536	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
IPC-HDW4421E	Refer to IPC-HFW5421E-Z(2.400.0000.23.R, build : 2015-12-15)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design

	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DDZ40SM-HD		H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes	-	-	-	-	-	Tested by manufacturer

Note:	only supports G.711 u-law audio codec.

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi-stream support	Liveview Buffering	Remarks
DCS-H_Series		H.264 M-JPEG	1	2592x1944	1-way	4/2	Yes	Yes	-	-	Yes	Yes	Supported by design
Note:	Fisheye camera												
DCS-V_Series		H.264 MPEG4 M-JPEG	1	-	2-way	4/4	Yes	Yes	-	-	Yes	-	Supported by design
Note:	Fisheye camera												
DCS-4721	VE1.0.22.2	MJPEG H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1.FPS List does not synchronize with camera web. (Camera firmware issue) 2.FPS value can not reach the setting FPS value under high video parameters. (Camera performance limitation)												
DCS-H30-51D/S	Refer to DCS-H50-21D/S(1.0.0 x0)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
DCS-H41-11D/I	Refer to DCS-H41-12D/I(2.0.7 A5S2)	H264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	-	Yes	Supported by design
DCS-H41-11D/SI	Refer to DCS-H50-21D/S(1.0.0 x0)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
DCS-H41-11D/SO	Refer to DCS-H50-21D/S(1.0.0 x0)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
DCS-H41-12D/I	2.0.7A5S2	H264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	-	Yes	
DCS-H42-21D/SA	Refer to DCS-H50-21D/S(1.0.0 x0)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
DCS-H42-21D/SM	Refer to DCS-H50-21D/S(1.0.0 x0)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
DCS-H50-21D/S	1.0.0X0(201 40307)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	
DCS-H70-21D	2.0.9A5S2	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	covered DCS-H70-21D/A and DCS-H70-21D/M												
Note:	Firmware Issue: Not support Motion Detection; Speed setting only support pan speed(synchronized with Tilt speed); Bitrate List on web show 3Mkbps (the truly valued could be 3Mkbps or 2.5Mkbps)												
DCS-H70-21D/M	2.0.9A5S2_S DK310	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
DCS-H70-21D/SA1	Refer to DCS-H50-21D/S(1.0.0	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
DCS-H70-21D/SM1	Refer to DCS-H50-21D/S(1.0.0	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
DCS-H70-22D	2.0.9A5S2	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	
Note:	Support muti-stream, low = 1000kbps												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi-stream support	Liveview Buffering	Remarks
DCS-N20M-10H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N30M-51H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N31M-21H3	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N40M-53H2	Refer to DCS-V70M-21H	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N40M-81H3	VC1.0.10	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes		-	
Note:	DCS-N40M-81H3: Not support TCP/UDP												
DCS-N62-40H2	V1.0.40	H264 MJPEG	1	720x480	2-way	1/1	Yes	-	Yes	-	-	-	
DCS-N70M-20H2	Refer to DCS-V70M-21H	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N70M-21H3	VB1.0.26	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	-	-	
DCS-N31M-21H3	Refer to DCS-N70M-81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
DCS-N40M-22H3	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N40M-32H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N70M-21H3	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-N70M-50H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V30M-50H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V30M-51H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V30M-51H2	Refer to DCS-N70M-81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
DCS-V40M-12H	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	-	Supported by design

Header note:
- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

D-Link Building Networks For People	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support												
Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi-stream support**	**Liveview Buffering**	**Remarks**
DCS-V40M-32H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V40M-32H2	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V40M-33H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V70M-11H	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V70M-20H	Refer to DCS-V70M-21H	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
DCS-V70M-21H	v1.0.30	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	
DCS-V70M-21H2	VB1.0.29	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	-	
DCS-V70M-50H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design

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For multi stream support:
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Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi stream support	Liveview Buffering	Remarks
Generic	z120141215 NSZ	H.264 M-JPEG	1	2592x1944	2-way	4/2	Yes	Yes	-	*2	Yes*	Yes	
Note:	Support generic dewarp Generic support model: W1-BA100, W2-BAZ40, W5-CDWK0, NH073, NH063 Parameter setting will fail when mutistream is allow and resolution higher than 1080p. PT function are not test on software. The maximum resolution is depends on camera. Camera (Z series) firmwave must be z120141215NSZ or above then can use generic model. Camera (W series) firmwave must be z120130417NSA or above then can use generic model. Camera (X series) firmwave must be z120141027NSA or above then can use generic model.												
na063	z120120523 NSA	MJPEG/H264	1	2592x1944	1-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	1. Video parameter can't sync with camera web interface, need to refresh the browser 2. Talk quality is not clear 3. Camera doesn't tranport sufficient framerate when stream parameter set to high resolution & quality, and camera's resonse will become slowly.												
NA083	z120131016 NSA	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	1. Fisheye camera 2. M-JPEG on high resolution and quality may not get parameter. 3. Audio has some noise in high resolution.												
nv053	pm20120222 NSA	MJPEG/H264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
nv063	pm20120222 NSA	MJPEG/H264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
nv103	pm20120222 NSA	MJPEG/H264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
nv223	z120130417 NSA	MJPEG/H264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
Note:	nv223's PTZ only support Zoom. nv223 support zoom or not is depends on spec.												
NH720-20N1	pm20120222 NSA	MJPEG/H264	1	1920x1080	2-way	4/2	-	Yes	Yes	-	-	Yes	
NH720-20N8	Refer to NH820-20N8 (z120131126NSA)	MJPEG/H264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	Yes	Yes	
Note:	1. 1920x1080 (Low Latency) does not support MD 2. MJPEG does not support 1280x720 (Low Latency) Camera does not support Multi-stream within IP+ under following conditions: 1. (1080p NTSC and PAL, max FPS: 30,25): 1920x1080 (Low Latency) 2. (1080p NTSC, max FPS: 30): 1920x1080 and FPS greater than 15 3. (1080p PAL, max FPS: 25): 1920x1080 and FPS greater than 13 4. (720p NTSC and PAL, max FPS: 60,50): 1280x720 (Low Latency) 5. (720p NTSC, max FPS: 60): 1280x720 and FPS greater than 30 6. (720p PAL, max FPS: 50): 1280x720 and FPS greater than 25												
NH820-20N1	pm20120222 NSA	MJPEG/H264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	-	-	Yes	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi stream support	Liveview Buffering	Remarks
NH820-20N8	z120131126NSA	MJPEG/H264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	Yes	Yes	
Note:	\multicolumn{13}{l}{1. 1920x1080 (Low Latency) does not support MD\n2. MJPEG does not support 1280x720 (Low Latency)\nCamera does not support Multi-stream within IP+ under following conditions:\n1. (1080p NTSC and PAL, max FPS: 30,25): 1920x1080 (Low Latency)\n2. (1080p NTSC, max FPS: 30): 1920x1080 and FPS greater than 15\n3. (1080p PAL, max FPS: 25): 1920x1080 and FPS greater than 13\n4. (720p NTSC and PAL, max FPS: 60,50): 1280x720 (Low Latency)\n5. (720p NTSC, max FPS: 60): 1280x720 and FPS greater than 30\n6. (720p PAL, max FPS: 50): 1280x720 and FPS greater than 25}												
nZH06X	CMOS-080118	MPEG4 M-JPEG	1	1280x960	2-way	1/1	-	-	-	-	-	Yes	
nZH10X	CMOS-080118	MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	-	-	-	Yes	
nZH21X	CCD-cameraFw-IR-080108	MPEG4 M-JPEG	1	1280x960	2-way	1/1	-	-	-	-	-	Yes	
NH221	CCD: CCD-cameraFw-100205P s/w: d20100310NS	MPEG4 M-JPEG H.264	1	1280x960	2-way	1/1	-	-	Yes	-	-	Yes	
NH061	CCD: CCD-cameraFw-100205 s/w: d20100310NS	MPEG4 M-JPEG H.264	1	1280x960	2-way	1/1	-	-	Yes	-	-	Yes	
V1 (indoor)	d20100317NS	M-JPEG H.264	1	1920x1080	1-way	-	-	-	Yes	-	-	Yes	
V1 (outdoor)	d20100317NS	M-JPEG H.264	1	1920x1080	-	-	-	-	Yes	-	-	Yes	
Note:	V1 (indoor) and V1 (outdoor) compatable with V1												
V2	d20101215NS	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	-	-	-	-	-	Yes	
V6	d20100317NS	M-JPEG H.264	1	1920x1080	2-way	1/1	-	-	Yes	-	-	Yes	

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
GLC-1401	1.36	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	-	Yes	-	-	-	
GLC-1601	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	-	Yes	-	-	-	
GLC-1602H	1.4	M-JPEG	1	720x576	1-way	1/0	Yes	-	Yes	-	-	-	
GLD-1401	1.4	MPEG4 M-JPEG	1	720x576	-	1/0	-	-	Yes	-	-	-	
GLD-1501	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	-	-	Yes	-	-	-	
GLS-2101	1.45	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	-	Yes	-	-	-	
GXB-1710M-IR	refer to GXC-1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
GXB-1720M-IR	Refer to GXC-1720M	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
GXC-1605M	Refer to GXC-1606M-IR	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
GXC-1606M-IR	2.03	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	-	-	
GXC-1710M	2.11	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	-	
GXC-1720M	1.05_Beta	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	-	-	-	
GXD-1610M-IR	Refer to GXC-1606M-IR	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
GXD-1710M-IR	refer to GXC-1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	-	
GXD-1720M-IR	Refer to GXC-1720M	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
PXB-1080Z03	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design
PXB-2080MIR	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design
PXB-2080Z03	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design
PXB-2180Z03	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design
PXC-2080CS	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design
PXC-2080Z03	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
PXD-1010F02	vr20121016NSA	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	
PXD-1020F02	refer to PXD-1010F02 (vr20121016NSA)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	Supported by design
Note:	Parameter setting will fail when Mjpeg quality bigger than 60												
PXD-2030PTZ1080	vr20140416NSA	H.264 MJPEG	1	1920x1080	*2	*2	Yes	*2	*2	Yes	Yes	Yes	Tested by link
Note:	PXD-2030PTZ1080: High quality caused the fps lower.(Camera limitation issue)												
PXD-2080MIR	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design
PXD-2080Z03	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Supported by design
PXD-2080Z03IR	4.19-20-ds	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
Note:	1. Only support rtsp port 554 by camera firmware issue. 2. Only integrate NTSC mode. 3. Audio will be discontinuous under fps 1. 4. Framerate may not enough under high resolution, framerate and qualtiy settings. 5. Not support brightness, contrast, saturation due to camera firmware issue. 6. Audio out not work (Camera FW Issue)												

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EV3150A	Refer to EV3151A	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV3151	Refer to EV3151A	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV3151A	2.0.0 (build 20110121)	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	
EV6150A-BI	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6150A-CI	2.0.0 (build 20110121)	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	
EV6151A	Refer to EV6552R/RP	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	-	-	Yes	-	-	-	Supported by design
EV6153A	Refer to EV6552R/RP	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	-	-	Yes	-	-	-	Supported by design
EV6156A	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6250A-EI/EO	Refer to EV3151A	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6251A-FI/FO	Refer to EV3151A	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6252A-GI/GO	Refer to EV3151A	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6353A-DO	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6353A-EO	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6353A-FO	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6355A/AP-BO	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6355A/AP-CO	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6551A/AP-BI	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6551A/AP-CI	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6551A/AP-DI	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6552A/AP	Refer to EV6552R/RP	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	-	-	Yes	-	-	-	Supported by design
EV6552R	2.0.0 (build 20110121)	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	-	-	Yes	-	-	-	
EV6580A/AP-B/C	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6581A/AP	Refer to EV6150A-CI	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
EV6750	Refer to EV6552R/RP	MJPEG, MPEG4, H264	1	720x480	1-way	1/1	-	-	Yes	-	-	-	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks

Header notes (centered at top):

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EV8150A	1.9.7 Build 20100806	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	-	Yes	-	-	-	
EV8180A	1.1.4 (build 003)	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	-	-	
EV8180U	Refer to EV8180A (1.1.4 (build 003))	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes			-	Supported by design
EV8180F	1.0.8 (build 001)	MJPEG, MPEG4, H264	1	2592x1920	1-way	1/1	Yes	-	*1	-	-	-	
EV8180Q	1.0.8 (build 001)	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	
EV8180Q - XD	1.1.4 (build 003)	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	-	-	
Note:	EV8180Q - XD and EV8180A 1. Under four profile mode only support resolution 640x480. (camera limitation) 2. MotionDetection only works on H.264. 3. It needs to reboot after changing HTTP port.												
EV8280U	Refer to EV8180U	MJPEG, MPEG4, H264	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8281U	Refer to EV8180U	MJPEG, MPEG4, H264	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8285Q	Refer to EV8180Q	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8286Q	Refer to EV8180Q	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8383F	Refer to EV8180F	MJPEG, MPEG4, H264	1	2592x1920	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8580A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
EV8580F	Refer to EV8180F	MJPEG, MPEG4, H264	1	2592x1920	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8580Q	Refer to EV8180Q	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8580U	Refer to EV8180U	MJPEG, MPEG4, H264	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8581A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
EV8581Q	Refer to EV8180Q	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8581U	Refer to EV8180U	MJPEG, MPEG4, H264	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8582U-BL	1.1.6 (build 003)	MJPEG, MPEG4, H264	1	1920x1080	1-way	-	-	Yes	Yes	-	-	-	
Note	Camera only support MD under H.264.												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EV8780A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
EV8780U	Refer to EV8180U	MJPEG, MPEG4, H264	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8781A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
EV8781F	Refer to EV8180F	MJPEG, MPEG4, H264	1	2592x1920	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8781Q	Refer to EV8180Q	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8781U	Refer to EV8180U	MJPEG, MPEG4, H264	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8782A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, MPEG4, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
EV8782Q	Refer to EV8180Q	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
EV8782Q - BD	Refer to EV8180Q-(XD1.1.4 (build 003))	MJPEG, MPEG4, H264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
EV8782U	Refer to EV8180U	MJPEG, MPEG4, H264	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
Note:	1180 series talk function only supports SDK, so do not be integrated on our software 1150 series talk have not been integrated on our software yet												
N51A-ML	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N50U-ML	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N51U-ML	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N71U-ML	1.1.6 (build 003)	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	-	-	
Note	1.Camera only support Focus and Zoom . 2.Audio has noise. 3.Camera only support MD under H.264. 4.Not support talk.												

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EAN3200	1.0.9	M-JPEG H.264	1	1440x1080	1-way	*1	*1	-	Yes	-	-	Yes	
Note:	EAN3200(based on Onvif 1.02 protocol) : 1. UPNP search get incorrect MAC address. 2. Mapping to incorrect quality value in Web AP.												
EAN800A	1.1.34	MPEG4 M-JPEG H.264	1	Full D1	-	1/1	-	-	Yes	-	-	-	
EAN800AW		MPEG4 M-JPEG H.264	1	Full D1	-	1/1	-	-	Yes	-	-	-	Supported by design
EAN-850A	1.1.27	MPEG4 M-JPEG H.264	1	Full D1	-	1/1	-	-	Yes	-	-	-	
EAN900	1.1.34	MPEG4 M-JPEG H.264	1	1M	-	1/1	-	-	Yes	-	-	-	
EAN2150	CCD-cameraFw-100811P	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
EAN2350	ev20111116N SA	H.264, MJPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	Yes	
EAN2218	ev 20111116NS A	H.264, MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
EAN3120	V1.0.5	H.264, MJPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	Yes	
EAN3220	V1.0.5	H.264, MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
EAN3300	refer to EHN3340(1.2.4)	M-JPEG H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
EDN1220	1.0.8	H.264, MJPEG	1	1920x1080	1-way	0/0	-	Yes	Yes	-	-	Yes	
Note:	1. can't switch CBR/VBR. 2. only support VBR.												
EDN1320	1.0.8	H.264, MJPEG	1	2048x1536	1-way	0/0	-	Yes	Yes	-	-	Yes	
Note:	1. Not support 160x128 in profiile 3. 2. Not support Mpeg4. 3. can't switch CBR/VBR. 4. only support VBR.												
EDN2260	1.3.0.d	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	-	Yes	-	-	Yes	
Note:	1. The value of H.264 quality isn't synchronized with camera's web												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EDN3240	1.0.11	M-JPEG H.264	1	1920x1080	1-way	*1	-	-	Yes	-	-	Yes	
Note:	EDN3240(based on Onvif 1.02 protocol) : 1. UPNP search get incorrect MAC address. 2. Mapping to incorrect quality value in Web AP.												
EDN2210	ev20121002NSA	M-JPEG H.264	1	1920x1080	1-way	-	-	Yes	Yes	-	-	Yes	
EDN2245	ev20111028BNS	M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
EDN3160	1.0.18	M-JPEG H.264	1	1280x1024	2-way	1/1	-	Yes	Yes		-	Yes	
EDN3260	1.0.18	M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes		-	Yes	
EDN3340	refer to EHN3340(1.2.4)	M-JPEG H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
EDN-800	1.1.27	MPEG4 M-JPEG H.264	1	Full D1	-	1/1	-	-	Yes	-	-	-	
EDN-850H	1.0.5	MPEG4 M-JPEG H.264	1	Full D1	-	1/1	-	-	Yes	-	-	-	
EHN3160	1.0.18	M-JPEG H.264	1	1280x1024	2-way	1/1	-	Yes	Yes		-	Yes	
EHN3200	1.0.14	M-JPEG H.264	1	1920x1080	1-way	*1	-	-	Yes	-	-	Yes	
Note:	EHN3200(based on Onvif 1.02 protocol) : 1. UPNP search get incorrect MAC address. 2. Mapping to incorrect quality value in Web AP.												
EHN3260	1.2.5B2	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. CBR mode is not supported.(Camera firmware limitation) 2. It will lose parameters of stream2 and stream3 if disable stream2 and stream3 on camera web.(Camera firmware limitation)												
EHN3340	1.2.4	M-JPEG H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	1. Onvif test tool get "No MPEG4 support" but actually it support. (Camera firmware issue) 2. The audio in status can't synchornize to web client. (ONVIF limitation) 3. Cannot change the rate control mode. (ONVIF limitation) 4. Cannot get snapshot by CGI(404). (Camera firmware issue) 5. The brightness only change when the value is 50 (Camera firmware issue)												
EHN3361	refer to EZN3340(1.2.5-B2)	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EMN2220	0.8.7-B10	M-JPEG H.264	1	1920x1080	1-way	0/0	-	Yes	Yes	-	-	Yes	
Note:	1. can't switch CBR/VBR. 2. only support VBR.												
EMN2320	1.0.1	M-JPEG H.264	1	2048x1536	1-way	0/0	-	Yes	Yes	-	-	Yes	
Note:	EMN2320 no support 720x480, 704x480 and 640x480 resolution.												
EPN2218	ev20111116NSA	M-JPEG H.264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	-	Yes	
EPN2700		MPEG4 M-JPEG H.264	1	Full D1	-	4/2	Yes	-	Yes	-	-	-	Supported by design
EPN3100	1.0.4	MPEG4 M-JPEG H.264	1	Full D1	-	4/2	Yes	-	Yes	-	-	-	
EPN3600		MPEG4 M-JPEG H.264	1	Full D1	-	4/2	Yes	-	Yes	-	-	-	Supported by design
EPN4122	1.0.5	M-JPEG H.264	1	1280x960	2-way	2/2	Yes	Yes	Yes	-	-	Yes	
EPN4220	1.0.16	M-JPEG H.264	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes	
Note:	1. The audio in status can't synchornize to web client. (ONVIF limitation) 2. Cannot change the rate control mode. (ONVIF limitation) 3. Cannot get snapshot by CGI(404). (Camera firmware issue)												
EPN4220P	refer to EPN4220(1.0.16)	M-JPEG H.264	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes	Supported by design
EPN4230	refer to EPN4220(1.0.16)	M-JPEG H.264	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes	Supported by design
EQN2200	1.0.27	M-JPEG H.264	1	1600x1200	1-way	*1	-	-	-	-	-	Yes	
EQN2201		M-JPEG H.264	1	1600x1200	1-way	*1	-	-	-	-	-	Yes	Supported by design
Note:	EQN2200/EQN2201(based on Onvif 1.01 protocol)												
ETN2110	v3.2.1.4	M-JPEG MPEG4 H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	-	-	
Note:	ETN2110: Motion detection is not compatible with MPEG4 codec because of camera firmware issue.												
ETN2260	1.0.1_F1	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1.Not support CBR mode.(Camera firmware issue) 2.The quality value can't be sync with camera web.(Camera firmware issue) 3.Not support zoom and focus.(Camera firmware issue) 4.The resolution of snapshot always be 640x480.(Camera firmware issue) 5.The quality value can't be setup to 0, and the quality value can't be setup to 10 under MJPEG.(Camera firmware issue) 6.If there are duplicate name of preset point, the function of GoTo preset point and Clear All preset point will fail.(Camera firmware issue)												
EVS100	1.1.0.5	MPEG4 M-JPEG	1	Full D1	1-way	0/1	Yes	-	-	-	-	-	
EVS200A	1.0.5	MPEG4 M-JPEG H.264	2	CIF	-	2/2	Yes	-	Yes	-	-	-	
EVS200AW		MPEG4 M-JPEG H.264	2	CIF	-	2/2	Yes	-	Yes	-	-	-	Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EVS400	1.1.5.0	MPEG4 M-JPEG	4	Full D1	2-way	4/0	Yes	-	-	-	-	-	
EVS410	1.0.21	M-JPEG H.264	4	704x480	2-way	4/1	-	Yes	Yes	-	-	Yes	
Note:	MJPEG high resolution only can up to 10 fps.												
EVS750		MPEG4 M-JPEG	1	Full D1	1-way	1/1	-	-	-	-	-	-	Supported by design
EZN3240	1.0.14	M-JPEG H.264	1	1440x1080	1-way	*1	-	-	Yes	-	-	Yes	
Note:	EZN3240(based on Onvif 1.02 protocol) : 1. UPNP search get incorrect MAC address. 2. Mapping to incorrect quality value in Web AP.												
EZN-850	1.1.27	MPEG4 M-JPEG H.264	1	Full D1	-	1/1	z only	-	Yes	-	-	-	
EZN3160	1.0.7-B1	M-JPEG H.264	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	Yes	
EZN3260	1.2.4	M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	The quality value will correspond to website Bitrate/Quality depends on CBR/VBR.												
EZN3340	1.2.5-B2	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	*1	Yes	Yes	-	Yes*	Yes	
Note:	1.The parameters of the camera are not configurable with MPEG4 format.(Camera firmware issue) 2.Not support CBR mode.(Camera firmware issue) 3.Not support zoom and focus.(Camera firmware issue) 4.It will lose parameters of stream2 and stream3 if you disable stream2 and stream3 on camera web.(Camera firmware issue)												
EZN3361	refer to EZN3340(1.2.5-B2)	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Generic	1.2.5B11	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	
Note:	Support generic dewarp 1.Not support CBR mode.(Camera Firmware issue) 2.It will lose parameters of stream2 and stream3 if you disable stream2 and stream3 on camera web. (Camera performace limitation)												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
ACM-B3000	1.02.09	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	*2	-	Yes	Yes	-	-	-	-	
ACM-PT500	2.03.16	H.264 MPEG4	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes	-	-	
Note:	Camera is unable to achieve maximum FPS. (Camera performance limitation)													
ACM-R2001	1.02.09	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	-	-	-	
Note:	Framerate may not enough about 2~8 fps due to camera issue.													
ACM-R3002	2.03.12A	H.264 MPEG4	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes	-	-	
ACM-R3006	1.02.05T	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	*2	*2	Yes	Yes	-	-	-	-	
ACM-V3002	2.03.12A	H.264 MPEG4	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes	-	-	
Note:	Both camera web and NUUO server have audio noise issue. (Camera firmware issue)													
ACM-V3001	1.02.09	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	*2	-	Yes	Yes	-	-	-	-	
ACM-V3002	refer to ACM-V3103(2.03.23A)	H264 MPEG4	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	-	Supported by design
Note:	1.Frame rate can't meet the requirements.(Camera performance limitation) 2.Not support zoom and focus.													
ACM-R3002	refer to ACM-V3103(2.03.23A)	H264 MPEG4	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	-	Supported by design
Note:	1.Frame rate can't meet the maximum value.(Camera performance limitation) 2.Not support zoom and focus.													
ACM-V3103	2.03.23A	H264 MPEG4	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes*	-	-	
Note:	1.Audio in can't work.(Camera Firmware issue) 2.RS-485 can't work.(Camera Firmware issue) 3.Alarm out can't work.(Camera Firmware issue)													
C3000/C3000-W	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	-	
CDB-3VM835	Refer to TCP-HDVB835(VJ2.0.02_F)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-4KM552	Refer to TCP-KM465(VK2.0.11.0_F)	H264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	*2	Yes	-	Yes*	-	Yes	Supported by design
CDB-4KU852	Refer to TCP-4KU808(VH2.0.0.12_F)	H264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-5KM551	Refer to CDV-5KM501Z35(VK2.0.23.0_F)	H.264 H.265 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-5VM551	refer to TCP-VM559(VC2.0.26.6_F)	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-720F		H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1		-	-	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
CDB-720F/IR	V1.0.20_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	-	-	-	-	
CDB-720V	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1-1	-	Yes	Yes	-	-	-	-	
CDB-720VIR	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	-	-	-	-	
CDB-720VIR-H	VE2.0.14.2_F	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
Note:	1. (Camera issue): FPS could not reach up to 20/30. 2. (Known issue): The info. of stream profile display failure													
CDB-HD280	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-HFD720	Refer to TCP-HDVB720-H(VE2.0.20.8)	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-HFD728	refer to CDB-720VIR-H(VE2.0.14.2_F)	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
CDB-HFD828	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-HFD828W	Refer to TCP-HDVB800-H(VE2.0.16.8_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-MD602	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-MD605	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-MV1080F	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	-	-	Yes	
CDB-MV1080F-H	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-MV720F	VB1.0.28_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	-	-	Yes	
Note:	Camera FW issue: framerate can not reach 30fps.													
CDB-MV720F-H	Refer to TCP-HDVB720-H(VE2.0.20.8)	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-T5	V6.08.25-NB	H.264 MJPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	-	
Note:	Fisheye camera Only audio can ben exported while selecting MOV format in playback system. (NUUO server limitation)													
CDV-2M360	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	-	
Note:	Fisheye camera													
CDV-3F828	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
CDV-3V930		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	-	-	-	-	-	Yes	Supported by design
CDV-3V930U		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	-	-	-	-	-	Yes	Supported by design
CDV-3VM301	V3.2.54_F	MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	*1	-	-	-	Yes	
CDV-3VM501	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Yes	Supported by design
CDV-3VM800	VC1.0.06_F	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	-	
CDV-3V800-H	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-3VM800-H1	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-3VM800Z3	refer to TCP-HDVB800Z3(VC2.0.24.2)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-3VM800Z42	VE2.0.23.10_F	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Camera is unable achieve setting frame rate (Camera performance issue) 2. PTZ only support zoom&focus. 3. Frame Rate can not sync with camera web. (Camera firmware issue)													
CDV-3VM835	Refer to TCP-HDVB835(VJ2.0.02_F)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-3VWD960	V1.0.16_F	M-JPEG H.264	1	720x576	2-way	-	-	-	*1	-	-	-	Yes	
CDV-3VWD960H		M-JPEG H.264	1	720x576	2-way	1/1	-	-	*1	-	-	-	Yes	Supported by design
CDV-4F936	Refer to TCP-VM469Z42(VH2.0.14.2_F)	H.264 MJPEG	1	2688x1520	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-4KM502	Refer to TCP-KM465(VK2.0.11.0_F)	H.264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	*2	Yes	-	Yes*	-	Yes	Supported by design
CDB-4KU801	Refer to TCP-4KU808(VH2.0.0.12_F)	H264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-4VM501	Refer toTCP-VM469Z42(VH2.0.14.2_F)	H.264 MJPEG	1	2688x1520	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-4VM551	Refer toTCP-VM469Z42(VH2.0.14.2_F)	H.264 MJPEG	1	2688x1520	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-5KM501	Refer to CDV-5KM501Z35(VK2.0.23.0_F)	H.264 H.265 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-5KM501Z35	VK2.0.23.0_F	H.264 H.265 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
Note:	1. PTZ only support zoom&focus.													
CDV-5VM501	refer to TCP-VM559(VC2.0.2 6.6_F)	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-5VM501G	Refer to CDB-5VM551G(VH2.0.14.2_F)	MJPEG H.264	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDB-5VM551G	VH2.0.14.2_F	MJPEG H.264	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Camera via MJPEG with high parameters is unable to achieve setting framerate. (Camera performance limitation) 2. Camera via H.264 is unable to achieve setting bitrate. (Camera performance limitation)													
CDV-5VM501Z3	VC2.0.26.4_F	H.264 M-JPEG	1	2592X1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	1. PTZ could only support zoom and autofocus.													
CDV-4VM501Z42	Refer to TCP-VM469Z42(VH2.0.14.2_F)	H.264 MJPEG	1	2688x1520	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-10KV313	Refer to TCP-10KB313 (A1D-500-V6.11.30-NB)	H.264 MJPEG	1	3648x2736	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-DT5	V6.08.25-NB	H.264 M-JPEG	1	2592x1944	1-way	-	-	Yes	Yes	-	Yes*	-	-	
CDV-DT910IR	A1D-500-V6.10.24-NB	H.264 M-JPEG	1	3648x2736	1-way	-	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1.Camera with highest resolution(3648x2736) is unable to achieve the expected fps when the format is MPEG. (Camera Firmware issue)													
CDV-DT95IR	Refer to CDV-DT5(V6.08.25-NB)	H.264 M-JPEG	1	2592x1944	1-way	-	-	Yes	Yes	-	Yes*	-	-	Supported by design
Note:	Fisheye camera 1.Camera is unable to achieve maximum FPS. (Camera performance limitation) 2.Main console Flip/mirror checkbox not sync with Web interface. (NUUO server limitation)													
CDV-MD602	VG2.0.20_F	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Bitrate list of stream 2 may not synchronice with camera web. (Camera firmware issue) 2. Framerate list won't synchronize with camera web when format is MJPEG. And it'll fail when framerate be changed to 20, 25 or 30. (Camera firmware issue) 3. If set the input resolution to 1080p HD 12bit 60fps (D-WDR) on camera webpage, stream 2, 3 will can not be connect and can not change parameters on our server. (Camera firmware issue)													
CDV-MD605	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-MFB2000D	2.03.17	H.264 MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	-	
Note:	1. Camera is unable to achieve maximum FPS. (Camera performance limitation) 2. The info. of stream profile display failure. (NUUO server limitation)													
CDV-MV1080F-H	refer to TCP-HDVB800-H(VE2.0.16.8_F	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
CDV-P360	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
Note:	Fisheye camera													
CDV-P360-5	VC2.0.26.4	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
CDV-VM2008T	01_C021	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes	Yes*	Yes	-	
Note:	1. Not support G.726 with 8K Hz and 16 bits per sample and AMR codec. (NUUO server limitation)													
EDH-02H	V1.0.20_F	H264 M_JPEG	1	720x576	2-way	2/2	Yes	-	Yes	-	-	-	Yes	
Note:	PTZ capability not support AutoFocus and Home													
EP-201		MPEG4 M-JPEG	1	720x576	1-way	-	Yes	-	-	-	-	-	Yes	Supported by design
EP-221		MPEG4 M-JPEG	1	720x576	1-way	-	Yes	-	-	-	-	-	Yes	Supported by design
EP-221DN		MPEG4 M-JPEG	1	720x576	1-way	-	Yes	-	-	-	-	-	Yes	Supported by design
EP-601		MPEG4 M-JPEG	1	720x576	1-way	-	Yes	-	-	-	-	-	Yes	Supported by design
EP-601HW		MPEG4 M-JPEG	1	720x576	-	-	Yes	-	Yes	-	-	-	Yes	Supported by design
EP-908		MPEG4 M-JPEG	1	720x576	1-way	-	Yes	-	-	-	-	-	Yes	Supported by design
EP-908HW		MPEG4 M-JPEG	1	720x576	-	-	Yes	-	Yes	-	-	-	Yes	Supported by design
EP-936		MPEG4 M-JPEG	1	720x576	1-way	-	Yes	-	-	-	-	-	Yes	Supported by design
EP-936HW		MPEG4 M-JPEG	1	720x576	-	-	Yes	-	Yes	-	-	-	Yes	Supported by design
EP-HTQ935		MPEG4 M-JPEG	1	720x576	-	-	Yes	-	Yes	-	-	-	Yes	Supported by design
EP-Q2018H-IP		M-JPEG H.264	1	720x480	2-way	-	Yes	-	*1	-	-	-	Yes	Supported by design
EP-Q2018HW-IP		M-JPEG H.264	1	720x480	2-way	-	Yes	-	*1	-	-	-	Yes	Supported by design
EP-Q2026H-IP		M-JPEG H.264	1	720x480	2-way	-	Yes	-	*1	-	-	-	Yes	Supported by design
EP-Q2026HW-IP		M-JPEG H.264	1	720x480	2-way	-	Yes	-	*1	-	-	-	Yes	Supported by design
EP-Q2036H-IP		M-JPEG H.264	1	720x480	2-way	-	Yes	-	*1	-	-	-	Yes	Supported by design
EP-Q2036HW-IP	V1.0.46_F	H.264 M-JPEG	1	720x576	*2	*2	Yes	Yes	*2	-	Yes	-	Yes	
MD-D1200	V3.2.56_F	MPEG4 M-JPEG	1	720x576	1-way	-	Yes	-	Yes	-	-	-	Yes	
MD-D1322	V1.0.23.09_F	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	*1	Yes	Yes	-	-	-	-	
MD-D1612	V1.0.16_F	M-JPEG H.264	1	720x576	2-way	1/1	Yes	-	*1	-	-	-	Yes	
MD-D3622Q-H	VD1.0.12_04_F	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	2/1	Yes	Yes	Yes		-	-	Yes	
Note:	Pan and Tilt speed is both controled by Pan speed bar													

- : not avaliable on camera
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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
SP-HK2020C-IP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK2020CM-IP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK2028Q-AIP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK2033Q-AIP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK2033Q-IP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK204MP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK2050R-LA	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK3033Q-AIP	Refer to SP-HK3036R-IP(NVSS-V8.1.1.20150921)	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK3033Q-IP	Refer to SP-HK3036R-IP(NVSS-V8.1.1.20150921)	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK3036Q-IP	Refer to SP-HK3036R-IP(NVSS-V8.1.1.20150921)	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK3036R-AIP	Refer to SP-HK3036R-IP(NVSS-V8.1.1.20150921)	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK3036R-IP	NVSS-V8.1.1.20150921	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Focus works fail. (Camera firmware issue) 2. DI and DO works abnormally. (Camera firmware issue) 3. Sometimes won't show DI button. (Camera firmware issue)													
SP-HK3303R-IP	Refer to SP-HK3036R-IP(NVSS-V8.1.1.201509	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
SP-HK5220R-IP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK5233R-IP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK6230SR-AIP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK6233R-AIP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK6240SR-AIP	Refer to SP-HP2530AR-IP(onvif v2.5)	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK6333R-AIP	Refer to SP-HK3036R-IP(NVSS-V8.1.1.201509	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HK6340R-AIP	Refer to SP-HK3036R-IP(NVSS-V8.1.1.201509 21)	H.264 MJPEG	1	2048x1536	2-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2013C-IP	onvif_v2.4.2_20150327	M-JPEG H.264	1	1280x960	1-way	1/1	Yes*	Yes	-	-	Yes*	-	Yes	
Note:	1. DI & DO can't be used. (Camera Firmware issue) 2. Bitrate list and quality list may not be synchronized with camera web. (Onvif limitation) 3. 704x288 is not shown in the resolution list of the second stream. (Camera Firmware issue)													
SP-HP2020C-IP	onvif_v2.4.0_20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes	-	Yes	
Note:	1. DI does not function. (Camera Firmware issue) 2. DO is unable to turn off. (Camera Firmware issue) 3. Bitrate list and quality list may not be synchronized with camera web. (Onvif limitation)													
SP-HP2020CM-IP	Refer to SP-HP2020C-IP(onvif_v2.4.0_20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes	-	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
SP-HP2020Q-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2030Q-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2030CM-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2030SR-IP	onvif_v2.5.0	M-JPEG H.264	1	1920x1080	1-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Audio via G.711 is abnormal. (Camera Firmware issue) 2. Bit rate list and frame rate list do not synchonize with camera web. (Camera Firmware issue) 3. Camera with highest quality and resolution is unable to achieve settings' frame rate. (Camera performance limitation) 4. Not support TALK. (Camera Firmware issue) 5. If video format is changed from camera web, video should be manually reconnected on server to avoid video showed black screen. (Camera													
SP-HP2040SR-IP	Refer to SP-HP2030SR-IP(onvif_v2.5.0)	M-JPEG H.264	1	1920x1080	1-way	8/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2313C-IP	Refer to SP-HP2013C-IP(onvif_v2.4.2 _20150327)	M-JPEG H.264	1	1280x960	1-way	1/1	Yes*	Yes	-	-	Yes*	-	Yes	Supported by design
SP-HP2320C-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2330C-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2330Q-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2336Q-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP2530AR-IP	NVSS_V8.0.5.2 0150609	H.264 MJPEG	1	1920x1080	2-way	8/2	Yes*	Yes	Yes	-	Yes*	-	Yes	
SP-HP2620CP-IP	Refer to SP-HP2020C-IP(onvif_v2.4.2 _20141027)	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Yes	Supported by design
SP-HP4833-IP	A1D-500-V6.09.44-NB	H.264 M-JPEG	1	2688x1520	2-way	4/2	Yes	Yes	Yes	-	Yes*	-	-	
Note:	1.The camera with resolution 1920x1080 is unable to achieve 30 fps. (Camera performance limitation)													

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
SP-PTIR736A-IP	Refer to EP-Q2036HW-	H.264 M-JPEG	1	720x576	*2	*2	Yes	Yes	*2	-	Yes	-	Yes	Supported by design
SP-PTIR736B-IP	Refer to EP-Q2036HW-IP(V1.0.46_F)	H.264 M-JPEG	1	720x576	*2	*2	Yes	Yes	*2	-	Yes	-	Yes	Supported by design
SP-PTIR737-IP	V1.0.16_F	M-JPEG H.264	1	720x576	2-way	-	Yes	-	*1	-	-	-	Yes	
SP-PTIR737-LA-IP		M-JPEG H.264	1	720x576	2-way	-	Yes	-	*1	-	-	-	-	Supported by design
TCMA-99	V3.2.54_F	MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	*1	-	-	-	-	
TCMP-99	V3.2.54_F	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	*1	-	-	-	-	
TCP-336AM	VB1.0.40_F	H.264 MPEG4 M-JPEG	1	2032x1536	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
Note:	When format is set to MPEG4, resolution is 1920*180 and quality is excellent, the maximum FPS can only reach 20.													
TCP-1200AV	V1.0.26_F	H.264 MJPEG	1	640x480	1-way	-	-	-	Yes	-	-	-	Yes	
TCP-2200AM	V1.0.30_F	H.264 MJPEG	1	1600x1200	1-way	-	-	-	Yes	-	-	-	Yes	
TCP-2200AM-H	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-2700AM	refer to CDB-720VIR-H(VE1.0.12.2_F	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
TCP-2700AM-W	refer to CDB-720VIR-H(VE2.0.14.4)	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
TCP-2800AM	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-4KU808	VH2.0.0.12_F	H.264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Camera can not achieve setting frame rate when resolution is 3840x2160. (Camera performance limitation)													
TCP-670DNU	V3.2.50_F	MPEG4 M-JPEG	1	720x576	1-way	-	-	-	Yes	-	-	-	Yes	
TCP-680DNU	V3.2.50_F	MPEG4 M-JPEG	1	720x576	1-way	-	-	-	Yes	-	-	-	Yes	
TCP-690		MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	-	-	Yes	Supported by design
TCP-690DN		MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	-	-	Yes	Supported by design
TCP-690U		MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	-	-	Yes	Supported by design
TCP-10KB313	A1D-500-V6.11.30-NB	H.264 MJPEG	1	3648x2736	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1.The camera with highest parameter is unable to achieve the parameter setting value. (Camera performace issue) 2.The mirror and flip can only be used at the same time or not. (Camera firmware issue)													
TCP-B365K	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-BF108	Refer to TCP-HDVB720-H(VE2.0.20.8)	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-BF128	Refer to TCP-HDVB720-H(VE2.0.20.8)	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-BF1080	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-BF208	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-BF428	Refer to TCP-VM469Z42(VH2.0.14.2_F)	H.264 MJPEG	1	2688x1520	Yes	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-BF728IR	refer to CDB-720VIR-H(VE2.0.14.2_F)	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
TCP-BF828IR	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-HDVB110	Refer to TCP-HDVB720-H(VE2.0.20.8)	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-HDVB180	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-HDVB720	V1.0.20_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	-	-	-	
TCP-HDVB720-H	VE2.0.20.8	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1.Setting FPS have problems(Camera Firmware issue), example:													

Note:
1.Setting FPS have problems(Camera Firmware issue), example:
(1)Stream1 & Stream2 format : JPEG, when stream1's resolution decrease, stream2's fps would increase a little
(2)Stream1 & Stream2 format : H264, stream2's fps can't reach our setting
(3)When this camera's users more than 1, fps would decrease

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-HDVB800	VC1.0.18.2_F	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	-	Yes	-	-	-	Yes	
TCP-HDVB835	VJ2.0.02_F	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	

Note:
1. Can not set resolution to 480x360. (Camera Firmware issue)
2. If audio codec is changed from camera web, video should be manually reconnected on server to avoid abnormal audio. (Camera Firmware issue)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-HVB3100D	refer to ACM-V3103(2.03.23A)	H264 MPEG4	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes*	-	-	Supported by design

Note:
1.Frame rate can't meet the maximum value.(Camera performance limitation)
2.Not support zoom and focus.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-HVB3105D	refer to ACM-V3103(2.03.23A)	H264 MPEG4	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	-	Supported by design

Note:
1.Frame rate can't meet the maximum value.(Camera performance limitation)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-HDVB800-H	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-HDVB800-H1	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design

FINE

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-HDVB800Z3	VC2.0.24.2_F	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	1.PTZ only suppot zoom, focus and home. 2.PTZ speed range error. (Camera firmware issue)													
TCP-HDVB800Z42	Refer to CDV-3VM800Z42(VE 2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-HDVB801		H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	-	Yes	-	-	-	Yes	
TCP-HFB720	VB1.0.28_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	-	-	Yes	
TCP-HFB720-H	Refer to TCP-HDVB720-H(VE2.0.20.8)	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-HP1024	V1.0.14_F	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	Yes	
TCP-HP1080	VC1.0.06_F	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
TCP-HP1080-H	Refer to CDV-3VM800Z42(VE 2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-HFB1080D	2.03.10	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	-	-	-	
Note:	The response of camera setting is slow.													
TCP-HP930		MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	-	-	Yes	Supported by design
TCP-HP930U		MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	-	-	Yes	Supported by design
TCP-HVB3100D	refer to ACM-R3002(1.02.06 A)	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	-	Supported by design
TCP-HVB3105D	2.03.14A	H264 MPEG4 MJPEG	1	2048x1536	2-way	1/1	PTZ	Yes	Yes	-	-	-	-	
Note:	1. The camera is unable to achieve 20 fps with some resolution. (camera firmware issue) 2. The video stream with MJPEG format will be disconnected when disable the MJPEG option on camera's web. 3. Video and audio stream may be abnormal (camera firmware issue).													
TCP-IPWD690	V3.2.56_F	MPEG4 M-JPEG	1	720x576	2-way	2/2	-	-	Yes	-	-	-	Yes	
TCP-IPWD700DN	V1.0.16_F	M-JPEG H.264	1	720x576	2-way	1/1	-	-	*1	-	-	-	Yes	
TCP-IR590-WD30	V1.0.20_F	M-JPEG H.264	1	720x576	2-way	1/1	-	-	*1	-	-	-	Yes	
TCP-IR590-WD50		M-JPEG H.264	1	720x576	2-way	1/1	-	-	*1	-	-	-	Yes	Supported by design
TCP-IRH5030C	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Yes	Supported by design
TCP-IRH5040C	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Yes	Supported by design
TCP-IRH5080-50	Refer to CDV-3VM800Z42(VE 2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design

FINE

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-IRH5080W-50	Refer to TCP-IRH5080-70(VC2.0.26.4_F)	M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-IRH5080-70	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-IRH5080W-70	Refer to TCP-IRH5080-70(VC2.0.26.4_F)	M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-IRV540	V3.2.60_F	MPEG4 M-JPEG	1	720x576	-	-	-	-	Yes	-	-	-	Yes	
TCP-IRV560	V3.2.56_F	MPEG4 M-JPEG	1	720x576	-	1/1	-	-	Yes	-	-	-	Yes	
TCP-KM465	VK2.0.11.0_F	H.264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	*2	Yes	-	Yes*	-	Yes	
Note:	1. Motion Detection can not trigger. (Camera Firmware issue)													
TCP-KM559	Refer to CDV-5KM501Z35(VK2.0.23.0_F)	H.264 H.265 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-KM559Z35	Refer to CDV-5KM501Z35(VK2.0.23.0_F)	H.264 H.265 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-KZ462	Refer to TCP-KM465(VK2.0.11.0_F)	H.264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	*2	Yes	-	Yes*	-	Yes	Supported by design
TCP-M360K	Refer to CDV-3VM800Z42(VE2.0.23.10_F)	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-M912DN		M-JPEG H.264	1	1280x1024	2-way	2/2	-	-	Yes	-	-	-	Yes	
TCP-MB602	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-MB605	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-MB685	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-MH802	1.0.46	M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Yes	
Note:	1. Framerate may be incorrect displayed with MJPEG format. (Canera firmware issue) 2. Camera is unable to achieve maximum FPS. (Camera performance limitation)													
TCP-MH859	refer to TCP-VM559(VC2.0.26.6_F)	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
Note:	For TCP-MH859 : Not support M-Jpeg with resolution 2048x1536 and 2592x1944. (DP-2.19 can support it.)													
TCP-MH859G	Refer to CDB-5VM551G(VH2.0.14.2_F)	MJPEG H.264	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-MZ602	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-MZ605	Refer to CDV-MD602(VG2.0.20_F)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-VM2008T	01_C021	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes	Yes*	Yes	-	
Note:	1. Not support G.726 with 8K Hz and 16 bits per sample and AMR codec. (NUUO server limitation)													

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
TCP-VM2210	3.1.0.0	H.264 MJPEG MPEG4	1	1920x1080	2-way	1/0	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Not support talk function due to camera not support two-way audio via onvif protocol.(Camera Firmware issue) 2. Camera with highest resolution via MJPEG or MPEG4 is unable to achieve maximum frame rate. (Camera performance limitation) 3. Bit rate list does not synchonize with camera web. (Camera Firmware issue) 4. The image of stream 2 from camera is broken. (Camera Firmware issue)													
TCP-VM2818	Refer to TCP-VM2210(3.1.0.0)	H.264 MJPEG	1	1920x1080	2-way	1/0	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-VM2833	Refer to TCP-VM2210(3.1.0.0)	H.264 MJPEG	1	1920x1080	2-way	1/0	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-VM359	VC1.0.16_F	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
TCP-VM469	Refer toTCP-VM469Z42(VH2.0.14.2_F)	H.264 MJPEG	1	2688x1520	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-VM469Z42	VH2.0.14.2_F	H.264 MJPEG	1	2688x1520	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	1.The camera with higher quality and resolution is unable to achieve 30 or 25fps. (camera performance limitation) 2.The live view will delay if using TCP or UDP to connect the camera. (camera firmware issue) 3. TCP-VM469Z42's PTZ only support Zoom													
TCP-VM501	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes	-	Yes	Supported by design
TCP-VM559	VC2.0.26.6_F	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
TCP-VM559G	Refer to CDB-5VM551G(VH2.0.14.2_F)	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-VM559Z3	refer to CDV-5VM501Z3(VC2.0.26.4)	H.264 M-JPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
TCP-VM559Z42	VC2.0.26.6_F	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
WB-8211SD		MPEG4 M-JPEG	1	720x576	1-way	2/4	-	-	-	-	-	-	Yes	Supported by design
WB-8211SDU		MPEG4 M-JPEG	1	720x576	1-way	2/4	-	-	-	-	-	-	Yes	Supported by design
WB-8411		MPEG4 M-JPEG	4	720x576	1-way	4/1	-	-	-	-	-	-	Yes	Supported by design
WB-8412		MPEG4 M-JPEG	4	640x480	2-way	1/1	Yes	-	-	-	-	-	Yes	
WB-H811	V1.0.44_F	M-JPEG H.264	1	720x576	2-way	2/2	Yes	Yes	Yes	-	Yes	-	Yes	
Note:	Resolution can't set to 4CIF.													
WB-H814	V1.0.82_F	M-JPEG H.264	4	720x576	2-way	4/4	Yes	Yes	Yes	-	Yes	-	Yes	
Note:	1. Support dual mode only. (Camera firmware issue)													

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FC-348-NTSC	BU 1.2	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	
Note:		1. When bitrate set higher than 1Mbps, the RTSP connection is unstable. 2. Sometime we fail to change the encoding setting after the camera connected for a long time. The setting displays at web client and onvif interface will change but actually not. 3. Can't get the I/O status by Onvif interface 4. Can't use camera search function because of onvif command timeout. 5. Can't use auto detaction because of Onvif command timeout.											
FC-309	Refer to FC-348-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-313	Refer to FC-348-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-324	Refer to FC-348-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-324S	Refer to FC-348-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-334	Refer to FC-348-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-334S	Refer to FC-348-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-363	Refer to FC-348-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-618-R-NTSC	BU 1.2	H.264 MJPEG MPEG4	1	720x480	-	*2	Yes	*2	*2	-	Yes*	Yes	
Note:		1. When bitrate set higher than 1Mbps, the RTSP connection is unstable. 2. Sometime we fail to change the encoding setting after the camera connected for a long time. The setting displays at web client and onvif interface will change but actually not. 3. Can't get the I/O status by Onvif interface 4. Can't use camera search function because of onvif command timeout. 5. Can't use auto detaction because of Onvif command timeout.											
FC-632S	Refer to FC-618-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-645S	Refer to FC-618-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-669S	Refer to FC-618-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
FC-690S	Refer to FC-618-NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	-	Yes*	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
ACD-3VM501	refer to ACDV-3VM501	H.264 M-JPEG	1	1600x1200	2-way *1	1/1 *1	-	-	-	-	-	-	Supported by design
Note:	ACDV-3VM501 not support talk & DI/DO feature												
ACDV-3VM501	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way *1	1/1 *1	-	-	-	-	-	-	Supported by design
AEP-Q2018H-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Supported by design
AEP-Q2018HW-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Supported by design
AEP-Q2026H-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Supported by design
AEP-Q2026HW-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Supported by design
AEP-Q2036H-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Supported by design
AEP-Q2036HW-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Tested by Manufacturer
ASP-PTIR737-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Supported by design
ASP-PTIR737-LA-IP	V1.0.26	H.264 M-JPEG	1	720x480	2-way	-	Yes	-	-	-	-	-	Supported by design
ATCP-IRH5030C	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	-	-	-	-	-	Supported by design
ATCP-IRH5040C	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	-	-	-	-	-	Supported by design
ATCP-MH802	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	-	-	-	-	-	Supported by design
ATCP-MH802DN	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	-	-	-	-	-	Supported by design
ATCP-MH802DN/WI	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	-	-	-	-	-	Supported by design
ATCP-MH802WI	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	-	-	-	-	-	Supported by design
ATCP-VM501	V1.0.26	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	-	-	-	-	-	Supported by design
B0100	V1.0.1.14	H.264 M-JPEG	1	1280x800	2-way	1/1	-	-	-	-	-	-	Supported by design
B0202	V3.2.0.0	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
B1100	V1.0.1.14	H.264 M-JPEG	1	1280x800	2-way	1/1	-	-	-	-	-	-	Supported by design
C1100	V1.0.1.14	H.264 M-JPEG	1	1280x800	2-way	-	-	-	-	-	-	-	Supported by design
C1100-W	V1.0.1.14	H.264 M-JPEG	1	1280x800	2-way	-	-	-	-	-	-	-	Supported by design
C2002	Refer to C2200	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
C2002-W	Refer to C2200-W	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
C2200	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
C2200-W	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
D0100	V1.0.1.14	H.264 M-JPEG	1	1280x800	2-way	-	-	-	-	-	-	-	Supported by design
D1100	V1.0.1.14	H.264 M-JPEG	1	1280x800	2-way	1/1	-	-	-	-	-	-	Supported by design
D2000-FD3	Refer to M4202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
D2000-VD3	Refer to M4202-DB02	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
D2000-VP2	Refer to M7202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
D2100	V1.0.1.14	H.264 M-JPEG	1	1280x800	2-way *1	1/1 *1	-	-	-	-	-	-	Tested by Manufacturer
Note:	D2100 not support talk & DI/DO feature												
FBU-200LWD	AgWT8200122N06 V32 1401213F	H.264	1	1920x1080	2-way	0/1	Yes	Yes	Yes	-	Yes	-	
Note:	(Camera FW issue): Camera not support DI. (Camera FW issue): Camera snapshot function failed. (Known issue):It is probable that bitrate per second of low/minumun stream is unable to achieve 500bps/100bps under D1, SXGA resolution.												
FBU-201LWD	Refer to FBU-200LWD (FW AgWT8200122N06 V32 1401213F)	H.264	1	1920x1080	2-way	0/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBU-300LWD	Refer to FVD-300LWD(AgWT8300036N06 V32 1401214F)	H.264	1	2048x1536	2-way	*2	Yes	Yes	Yes	-	Yes	-	Supported by design
FBU-301LWD	Refer to FVD-300LWD(AgWT8300036N06 V32 1401214F)	H.264	1	2048x1536	2-way	*2	Yes	Yes	Yes	-	Yes	-	Supported by design
FBS-1300 BX	AgWT8130104N20_1405282B	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FBS-1300BL	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBS-1300 ID	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBS-1300IDR	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBS-1300MID	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBS-1300MVD	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBS-1300VD	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBS-1300VDR	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBX-200		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
FBX-200CL	Refer to FBU-200LWD (FW AgWT8200122N06 V32 1401213F)	H.264	1	1920x1080	2-way	0/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FBX-200LWD	Refer to FBU-200LWD (FW AgWT8200122N06 V32 1401213F)	H.264	1	1920x1080	2-way	0/1	Yes	Yes	Yes	-	Yes	-	Supported by design
Note	1.Not suppout UPnP and auto detection. 2.Camera will crash if open camera web under winXP. 3.The setting of brightness was wrong via CGI command. It will synchronize setting of grayscale.												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FBX-300LWD	refer to FVD-300LWD(AgWT8300036N06 V32 1401214F)	H.264	1	2048x1536	2-way	*2	Yes	Yes	Yes	-	Yes	-	Supported by design
FBX-300WD		H.264 M-JPEG MPEG4	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
FDM-200		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
FDM-200LWD	Refer to FBU-200LWD (FW AgWT8200122N06 V32 1401213F)	H.264	1	1920x1080	2-way	0/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FDM-300LWD	Refer to FVD-300LWD(AgWT8300036N06 V32 1401214F)	H.264	1	2048x1536	2-way	*2	Yes	Yes	Yes	-	Yes	-	Supported by design
FVD-200		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
FVD-200LWD	Refer to FBU-200LWD (FW AgWT8200122N06 V32 1401213F)	H.264	1	1920x1080	2-way	0/1	Yes	Yes	Yes	-	Yes	-	Supported by design
FVD-200LWD	Refer to FBX-300WD	H.264 M-JPEG MPEG4	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
FVD-300LWD	AgWT8300036N06 V32 1401214F	H.264	1	2048x1536	2-way	*2	Yes	Yes	Yes	-	Yes	-	
Note:	(Camera FW issue) Camera replys no IO status. (Camera FW issue): Camera snapshot function failed. (Camera FW issue): FPS could not reach up to user setting by TCP protocol connection. (Known issue):It is probable that bitrate per second of low/minumun stream is unable to achieve 500bps/100bps under D1, SXGA, 3M resolution.												
FVD-300WD		H.264 M-JPEG MPEG4	1	2048x1536	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
IPB-1080BL	Refer to IPD-1080CD (VC1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
IPB-1080BM	Refer to IPD-1080CD (VC1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
IPB-1080E	Refer to IPD-1080MF(VE1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPB-1080EL	Refer to IPD-1080MF(VE1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPB-1080F	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
IPB-1080F28	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
IPB-8000BM	VH1.0.0.11_TG	H.264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	-	
Note:	1. Camera cannot achieve maximum FPS with high resolution and bitrate. (Camera performance limitation) 2. Audio has noise. (Camera Firmware issue)												
IPD-1080CD	VC1.0.22.6_TG	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	
IPD-1080E	Refer to IPD-1080MF(VE1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPD-1080MF	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
IPB-1080KF	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
IPD-4065CD	Refer to IPB-4065BM(VK1.0.13.3_TG)	H.264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	-	Yes	-	Yes*	Yes	Supported by design
IPD-8000CD	Refer to IPB-8000BM(VH1.0.0.11_TG)	H.264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPM-1080F	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
IPM-1080RF	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPT-1080F	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
IPV-1080E	Refer to IPD-1080MF(VE1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPV-1080CD	Refer to IPD-1080CD (VC1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
IPV-1080F	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
IPV-4065CD	Refer to IPB-4065BM(VK1.0.13.3_TG)	H.264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	-	Yes	-	Yes*	Yes	Supported by design
IPV-8000CD	Refer to IPB-8000BM(VH1.0.0.11_TG)	H.264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPX-1080E	Refer to IPD-1080MF(VE1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPX-1080DN	Refer to IPD-1080CD (VC1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	Supported by design
IPX-4065DN	Refer to IPB-4065BM(VK1.0.13.3_TG)	H.264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	-	Yes	-	Yes*	Yes	Supported by design
IPB-1080WDR	Refer to IPD-1080WDR(Forenix_rootfs_VC1.0.20_TG	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPB-4065BM	VK1.0.13.3_TG	H.264 H.265 MJPEG	1	2592x1520	2-way	1/1	-	-	Yes	-	Yes*	Yes	
Note:	1. Due to camera web restriction, some frame rate cannot be set. (Camera Firmware issue)												

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPD-1080WDR	Forenix_rootfs_VG1.0.20_TG_20150129_101057	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	
Note:	1. Stream1 and stream2 framerate list is not as same as web. (Camera Firmware issue) 2. in 1080p HD 12bits 60fps(True WDR) mode, stream2 and stream3 can not connect, and can not get parameters.(Camera Firmware issue)												
IPV-1080WDR	Refer to IPD-1080WDR(Forenix_rootfs_VG1.0.20_TG_20150129_101057)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPX-1080WDR	Refer to IPD-1080WDR(Forenix_rootfs_VG1.0.20_TG_20150129_101057)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
IPX-8000DN	Refer to IPB-8000BM(VH1.0.0.11_TG)	H.264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
ISPD-2018	Refer to ISPD-2020(VC1.0.301204_TG)	H.264 MJPEG	1	1920x1080	2-way	4/1	Yes*	Yes	-	-	Yes*	Yes	Supported by design
ISPD-2020	VC1.0.301204_TG	H.264 MJPEG	1	1920x1080	2-way	4/1	Yes*	Yes	-	-	Yes*	Yes	
Note:	1.Not support Talk.(Camera Firmware issue) 2.Always trigger input-0 if alarm 1~4 has been trigged.(Camera Firmware issue) 3.Audio was broken with G.726.(Camera Firmware issue) 4.[NAS]Focus can't be used.(NUUO server limitation) 5.Not support camera search.(NUUO server limitation) 6.Not support auto detection.(NUUO server limitation)												
ISPD-2065-20X	ISPD-2065-20X	MJPEG H.264 H.265	1	1920x1080	2-way	4/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. The list of resolution is not synchronized with wamera web. (Camera Firmware issue) 2. Stream2's frame rate list can not sync with camera web when resolution of stream1 and stream2 are selected 1920x1080. (Camera Firmware issue) 3. Camera with lowest resolution and FPS is unable to achieve the expected bitrate . (Camera Firmware issue) 4. Image Parameters can not normally set. (Camera Firemware issue)												
ISPDIII-3010	0.1.4960M	H.264 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	

	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support													

FORENIX

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	Fisheye camera 1. Fps and resolution list is not synchronized with the camera web due to onvif protocol mechanism. (Camera limitation issue) 2. Talk(audio out) are not supported due to there is no implementation mechanism from sdk document. (Camera issue)												
ISPD II-1312WD	AgWT8131312N20_1404185F	H.264	1	1280x1024	-	-	Yes	Yes	Yes	-	Yes	-	
Note:	1.Dual stream with main stream resolution SXGA, SXVGA, D1 is unable to achieve 500k/100k bps. (Camera performance limitation) 2. Camera with quality over 8192 is unable to achieve maximum FPS (Camera performance limitation) 3. Camera pan/tilt periodic moves per 30 seconds/2 miniutes. After periodic moving, camera can't tilt for 1 minute.												
ISPD II-3018WD	AgWT8303018N20_1404185F	H.264	1	2048x1536	-	-	Yes	Yes	Yes	-	Yes	-	
Note:	1.Dual stream with main stream resolution 3M, SXGA, D1 is unable to achieve 500k/100k bps. (Camera performance limitation) 2.Camera with quality over 8192 is unable to achieve maximum FPS.(Camera firmware issue)												
M0202-BH01	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
M0202-BH02	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
M0202-BH03	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
M4202-DB02	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
M4202-DB03	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
M7202-DB03	Refer to B0202(V3.2.0.0)	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
NPB-1080BLX	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
NPB-1080BMX	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
NPB-1080BMX-M	VE1.0.24.2_TG	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	
Note:	1. Frame rate list of stream 2 won't be affected by resolution of stream 1. (Camera firmware limitation) 2. Camera via MJPEG is unable to achieve setting frame rate. (Camera performance issue) 3. Audio-out stutter with G.711 and G.726. (Camera performance limitation) 4. PTZ only support zoom and focus. (Camera limitation)												
NPB-4065BL-M	VK1.0.25.2_TG	H.264 MJPEG H.265	1	2592x1520	2-way	1/1	Yes*	Yes	Yes	-	Yes*	Yes	
Note:	1. Camera is unable to achieve highest framerate. (Camera performance issue)												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NPB-4065BM	Refer to NPV-4065BL-M(VK1.0.25.2_TG)	H.264 MJPEG H.265	1	2592x1520	2-way	1/1	Yes*	Yes	Yes	-	Yes*	Yes	Supported by design
NPB-720	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	2-way *1	1/1	-	Yes	Yes	Yes	-	-	Supported by design
NPB-720A	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	2-way *1	1/1	-	Yes	Yes	Yes	-	-	Supported by design
NPB-720BM	VB1.0.26_TG	H.264 M-JPEG MPEG4	1	1280x800	2-way *1	1/1	-	Yes	-	-	-	-	
Note:	NPB-720BM dosen't support On-Edge Motion under TCP or UDP protocol, not support Talk.												
NPB-720U	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	2-way *1	1/1	-	Yes	Yes	Yes	-	-	Supported by design
NPD-1080CDX	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Supported by design
NPD-4065CD	Refer to NPV-4065BL-M(VK1.0.25.2_TG)	H.264 MJPEG H.265	1	2592x1520	2-way	1/1	Yes*	Yes	Yes	-	Yes*	Yes	Supported by design
NPD-720K	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	2-way *1	1/1	-	Yes	Yes	Yes	-	-	Supported by design
NPD-720R	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	2-way *1	1/1	-	Yes	Yes	Yes	-	-	Supported by design
NPV-1080CDX	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
NPV-1080CDX-M	VE1.0.24.4_TG	MJPEG H.264	1	1920x1080	2-way	1/1	Yes*	Yes	Yes	-	Yes*	-	
Note:	1. Audio is intermittent. (Camera firmware issue) 2. Can not detect the model name . (Camera firmware issue) 3. Camera is unable to achieve setting framerate and bitrate. (Camera performance issue)												
NPV-4065CD	Refer to NPV-4065BL-M(VK1.0.25.2_TG)	H.264 MJPEG H.265	1	2592x1520	2-way	1/1	Yes*	Yes	Yes	-	Yes*	Yes	Supported by design
NPX-1080DNX	Refer to NPB-1080BMX-M(VE1.0.24.2_TG)	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NPX-4065DN	Refer to NPV-4065BL-M(VK1.0.25.2_TG)	H.264 MJPEG H.265	1	2592x1520	2-way	1/1	Yes*	Yes	Yes	-	Yes*	Yes	Supported by design
NSPD-2065-20X	VK 1.0.22.0_TG	H.264 MJPEG H.265	1	1920x1080	2-way	4/1	Yes	Yes	Yes	Yes	Yes*	-	
Note:	1. Auto Pan function not support in NAS. (NUUO server limitation) 2. Frame rate list of stream 2 won't be affected by resolution of stream 1. (Camera firmware limitation) 3. Image parameters works abnormally. (Camera firemware issue)												
NVS-AH01	VH1.0.0.16	MJPEG H.264	1	1920x1080	2-way	1/1	Yes*	Yes	Yes	-	Yes*	-	
Note:	1. The resolution list would not synchronize with camera web. (Camera firmware issue) 2. Camera with MJPEG is unable to achieve setting framerate. (Camera performance limitation)												
T2000-FB1	Refer to M0202-BH01	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
T2000-FB2	Refer to M0202-BH02	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
T2000-VB3	Refer to M0202-BH03	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
VQ2100		MJPEG MPEG4 H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
VQ2200		MJPEG MPEG4 H.264	1	1920x1080	1-way	-	-	Yes	Yes	-	-	-	Supported by design
VQ2210C		MJPEG MPEG4 H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
VQ2300		MJPEG MPEG4 H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
VQ2310		MJPEG MPEG4 H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design

All Forenix model can't be searched & AutoDetected (camera FW issue)

- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support													
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
VIT-DA651E	2.1.19-01-B907	H.264 M-JPEG	1	1920*1080	*1	2/2	-	-	X	-	Yes*	-	

GE Security	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support												
Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
TVC-M1245E-2M-P	V4.0.g	H264 MPEG4 MJPEG	1	1280x960	-	-	-	Yes	Yes		Yes	-	
TVC-MP2B-S	e20120223BNS	H264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
GNS		H264 MPEG4 M-JPEG	1		2-way	4/4	Yes	Yes	-	Yes	-	Yes	-	Supported by design
Note:	Fisheye camera													
A3102LE /A4102	4.11.23.51	H264 MJPEG	1	1280x960	1-way	-	-	Yes	-	Yes	-	Yes*	Yes	
Note:	1. Video format cannot be switched.(Camera Firmware issue) 2. Resolution 704x480 cannot be set. (Camera Firmware issue) 3. Resolution via MJPEG will show 800x592 when set to 800x600. (Camera Firmware issue) 4. The camera does not support functions including audio and talk. (Camera Firmware issue) 5. The video parameters may not be synchronized with actual streaming. (Camera Firmware issue) 6. Hue setting is not supported. (ONVIF limitation)													
A3101LE /A4101	4.0.30.51	H.264 MJPEG	1	1280x720	-	-	-	Yes	-	-	-	Yes*	Yes	
Note:	1. Video format cannot be switched.(Camera Firmware issue) 2. Resolution 704x480 cannot be set. (Camera Firmware issue) 3. Resolution via MJPEG will show 800x592 when set to 800x600. (Camera Firmware issue) 4. The camera does not support functions including audio and talk. (Camera Firmware issue) 5. The video parameters may not be synchronized with actual streaming. (Camera Firmware issue) 6. Hue setting is not supported. (ONVIF limitation)													
A3253LE /A3263	4.8.26.51	H264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	-	-	-	Yes*	Yes	
Note:	1. Video format cannot be switched. (Camera Firmware issue) 2. The camera does not support functions including audio and talk. (Camera Firmware issue) 3. Resolution via MJPEG will show 640x352 when set to 640x360. (Camera Firmware issue) 4. Stream via UDP will disconnect in 20 seconds. (Camera Firmware issue) 5. Camera is unable to achieve maximum FPS and bit rate. (Camera Performance issue)													
B4251RLE	v1.8.0801 .1001.101 .0.66.1.0	H.264 MJPEG	1	1920x1080	*2	1/1	-	*2	*2	-	-	Yes*	Yes	
Note:	1. Bit rate list may not be synchronized with web. (Camera Firmware issue) 2. Bit rate may be set fail. (Camera Firmware issue)													
B2201	Refer to B4251RLE (v1.8.0801.1001.101.0.66.1.0)	H.264 MJPEG	1	1920x1080	*2	1/1	-	*2	*2	-	-	Yes*	Yes	Supported by design
B3251LE	Refer to B4251RLE (v1.8.0801.1001.101.0.66.1.0)	H.264 MJPEG	1	1920x1080	*2	1/1	-	*2	*2	-	-	Yes*	Yes	Supported by design
B3202LE	Refer to B4201RLE (v1.8.0801.1001.101.0.66.1.0)	H.264 MJPEG	1	1920x1080	*2	-	-	*2	*2	-	-	Yes*	Yes	Supported by design

Model	Firmware	Video format		Resolution										
B4201RLE	v1.8.0801.1001.101.0.66.1.0	H.264 MJPEG	1	1920x1080	*2	-	-	*2	*2	-	-	Yes*	Yes	
Note:	1. Resolution will show 192x144 when set to QCIF in stream 2. (Camera Firmware issue) 2. Bit rate list may not be synchronized with web. (Camera Firmware issue) 3. Bit rate may be set fail. (Camera Firmware issue)													
B5201E	Refer to B6232LE(v1.8.0801.1001.101.0.66.1.0)	H.264 MJPEG	1	1920x1080	*2	-	Yes	*2	*2	-	-	Yes*	Yes	Supported by design
B6231E	Refer to B6232LE(v1.8.0801.1001.101.0.66.1.0)	H.264 MJPEG	1	1920x1080	*2	-	Yes	*2	*2	-	-	Yes*	Yes	Supported by design
B6232LE	v1.8.0801.1001.101.0.66.1.0	H.264 MJPEG	1	1920x1080	*2	-	Yes	*2	*2	-	-	Yes*	Yes	
Note:	1. PTZ speed range will not sync with web. (Camera Firmware issue) 2. Bit rate list may not be synchronized with web. (Camera Firmware issue) 3. Bit rate may be set fail. (Camera Firmware issue)													
C1201L	V1.0.40	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	-	
Note:	1. Audio only support G7.11. (Camera firmware issue)													
C3203LE	2.3.3073.74	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	
Note:	1. DO cannot be triggered. (Camera firmware issue) 2. Motion cannot be triggered when video format is MJPEG. (Camera firmware issue) 3. If change mode to corridor 90 or 270, the information of stream 3 is incorrect and stream 3 can not connect. (Camera firmware issue) 4. Camera is unable to achieve FPS when 3 streams are connecting. (Camera performance limitation)													

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
GCI-K1526V	gr20120522NSA	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	When we set the resolution, compression and frame rate in maximal value, the camera would not respond if we want to get camera parameter, and the audio we get is also unstable. Camera may not connect to if the frame rate is 1. We suggest to change the GOV length to lower value on camera web page. The volume of Talk Audio is low. I1080P not support 2nd stream.												
GCI-G1536F	gr20140530NSA	H.264, MJPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes	Yes	
Note:	Fisheye camera												
GCI-H2505B	Refer to GCI-K2505B(gr20130417NSX)	H.264, MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
GCI-K0589T(H)	Refer to GCI-K1586V(gr20130621NSA)	H.264, MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes	Supported by design
GCI-K0779P	gr20130621NSA	H.264, MJPEG	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	-	Yes	
GCI-K1523VS	Refer to GCI-K2505B(gr20130417NSX)	H.264, MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
GCI-K1526VS	Refer to GCI-K2505B(gr20130417NSX)	H.264, MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
GCI-K1585V	Refer to GCI-K1586V(gr20130621NSA)	H.264, MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes	Supported by design
GCI-K1586V	gr20130621NSA	H.264, MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
Note:	FW: gr20130621NSA, gr20130417NSX 1. Audio has noise when camera setting is high. 2. Get parameter will failed when camera setting is high. 3. GCI-K1586V, GCI-K0589T(H), GCI-K1585V PTZ only support zoom and focus.												
GCI-K1812W	gr20120711NSA	H.264, MJPEG	1	1280x1024	*1	-	-	Yes	Yes	-	-	Yes	
Note:	When we set the resolution, compression and frame rate in maximal value, the camera would not respond if we want to get camera parameter, and the audio we get is also unstable. Camera may not connect to if the frame rate is 1. We suggest to change the GOV length to lower value on camera web page. I1080P not support 2nd stream.												
GCI-K2505B	gr20130417NSX	H.264, MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	GCI-K2505B framerate setting will failed when choosing TV system Autoiris WDR25fps, WDR 25fps and WDR 30fps.												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

GUARDEON

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
GDN-D1300V	Refer to Generic(AS65_ALL001_V1.00.07)	H264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	-	Yes*	-	
Note:	1. Not support 16 KHz sampling rate audio in.												
GDN-DV1300IR	Refer to Generic(AS65_ALL001_V1.00.07)	H264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	-	Yes*	-	
GDN-D1300IR	Refer to Generic(AS65_ALL001_V1.00.07)	H264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	-	Yes*	-	
GND-D2300V	Refer to Generic(AS65_ALL001_V1.00.07)	H.264 MJPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes*	-	
GDN-D3200V	Refer to Generic(AS65_ALL001_V1.	H264	1	2048x1536	1-way	1/1	-	Yes	-	-	Yes*	-	
GDN-D3200IR	Refer to Generic(AS65_ALL001_V1.00.07)	H264	1	2048x1536	1-way	1/1	-	Yes	-	-	Yes*	-	
GDN-F1300V	Refer to Generic(AS65_ALL001_V1.00.07)	H264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	-	Yes*	-	
GND-F2300	Refer to Generic(AS65_ALL001_V1.00.07)	H.264 MJPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes*	-	
GDN-H1300IR	Refer to Generic(AS65_ALL001_V1.00.07)	H264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	-	Yes*	-	
GND-H2300IR	Refer to Generic(AS65_ALL001_V1.00.07)	H.264 MJPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes*	-	
Note:	1.Camera reboot (60 seconds) after parameter configuration. 2.Not support Talk. 3.Not support 16 KHz sampling rate audio in. 4.No support Camera search.												
Generic	AS65_ALL001_V1.00.07	H.264 MJPEG MPEG4	1	2048x1536	1-way	1/1	-	Yes	-	-	Yes*	-	
Note:	Support generic dewarp 1.Camera reboot (60 seconds) after parameter configuration. 2.Not support 16 KHz sampling rate audio in. 3.No support Camera search. 4.The camera setting will be failed if choose the value "BOTH" 5.Camera can not connect when 2nd resorution set to 854*480. 6.The default value of brightness sould be 50.												
GDN-H3200IR	Refer to Generic(AS65_ALL001_V1.00.07)	H264	1	2048x1536	1-way	1/1	-	Yes	-	-	Yes*	-	

GUARDEON

	- : not avaliable on camera
	*1: not avaliable on software
	*2: not test on software
	For multi stream support:
	Yes: multi stream fix to 500kbps/100kbps
	Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
GDN-MD2000V	V5.2.0build 141120	H.264	1	1920x1080	-	-	-	*2	*2	-	Yes*	-	

Note:	1. Camera via H.264 is unable to achieve setting bit rate and frame rate. (Camera performance issue)

HIKVISION

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD2012-I	v5.0.2 build130805	H264 MJPEG	1	1280x960	-	-	-	Yes	Yes	-		Yes	
Note:	1. DS-2CD2012-I FW issue: not support PTZ function but web setting can enable this option. 2. Sub stream resolution can't bigger than Main stream resolution.												
DS-2CD2032-I	V5.3.0 build 150513	H.264	1	2048x1536	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1.Frame rate will display too high. (NUUO server limitation)												
DS-2CD2112-(I)	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	-		Yes	Supported by design
DS-2CS2132F	Refer to DS-2CD2032-I(V5.3.0 build 150513)	H.264	1	2048x1536	-	-	-	*2	*2	-	Yes*	Yes	Supported by design
DS-2CD2142FWD-IWS	V5.3.8 build 151224	H.264	1	2688x1520	*2	*2	-	*2	*2	-	Yes*	Yes	
Note:	1.Not support Flip/Mirror. (NUUO server limitation) 2.Bitrate list can not sync with camera web. (Camera Firmware issue) 3.When motion be triggered, image will be broken. (Camera performance limitation)												
DS-2CD2212-I3	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	-		Yes	Supported by design
DS-2CD2212-I5	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	-		Yes	Supported by design
DS-2CD2312-I	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	-		Yes	Supported by design
DS-2CD2342WD-I	Refer to DS-2CD2142FWD-IWSF(V5.3.8 build 151224)	H.264	1	2688x1520	*2	*2	-	*2	*2	-	Yes*	Yes	Supported by design
DS-2CD2432F-IW	V5.3.0 build 150513	H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Bitrate list can not sync with camera web. (Camera firmware issue) 2. Not support Flip/Mirror. (NUUO server limitation)												
DS-2CD2612F-I	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	-		Yes	Supported by design
DS-2CD2612F-IS	v5.0.2 build130805	H264 MJPEG	1	1280x960	2-way	1/1	-	Yes	Yes	-		Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD2632F-IS	Refer to DS-2CD2732F-IS(v5.0.2 build130805)	H264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-		Yes	Supported by design
DS-2CD2642FWD-IZS	V5.3.3	H.264	1	2688x1520	2-way	1/1	Yes*	Yes	Yes	-	Yes*	Yes	
Note:	1. Bitrate list can not sync with camera web. (Camera firmware issue) 2. Camera with lowest parameter is unable to achieve maximum bitrate. (Camera performance limitation) 3. Bitrate will be higher than the setting value via HTTP. (Camera performance limitation) 4. PTZ only support zoom&focus.												
DS-2CD2942F-IWS	V5.4.0 build 160603	H.264	1	2560x1440	*2	*2 (1/1)	-	*2	*2	-	Yes*	Yes	
Note:	Fisheye camera 1. Bitrate List does not synchronize with camera web. (Camera firmware issue) 2. Unable to achieve the highest bitrate value. (Camera performance limitation) 3. Bitrate cannot not set up to 12288kbps (camera performance limitation) 4. Camera via H.264 is unable to achieve setting frame rate. (Camera performance issue)												
DS-2CD4065F-P	V5.3.4 build 150812	H.264	1	3072x2048	*2	*2	*2	*2	*2	*2	Yes*	Yes	
Note:	1.Bitrate list does not sync with camera web. (Camera Firmware issue) 2.When we name the preset point, preset point label will change to arabic number. (Camera Firmware issue) 3.Camera can't change to 1920x1080 with 3072x1728. (Camera Firmware issue)												
DS-2CD40C5F-AP	V5.3.0	H.264	1	4000x3000	2-way	1/1	Yes*	Yes	Yes	Yes	Yes*	Yes	
Note:	1. Bitrate list can not sync with camera web. (Camera firmware issue) 2. Bitrate in stream2 is higher than the setting value. (Camera performance limitation) 3. Snapshot resolution default is 704*576.												
DS-2CD4124F-IZ	Refer to DS-2CD4224F-IZH(V5.3.5 build 151218)	H.264 MPEG4	1	1920x1080	-	-	-	*2	*2	-	Yes*	-	Supported by design
DS-2CD4125FWD-IZ	Refer to DS-2CD4A25FWD-IZHS(V5.3.5 build 151218)	H.264	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	-	Supported by design
DS-2CD4132FWD-IZ	Refer to DS-2CD4332FWD-PTZ(V5.3.5 build 151218)	H.264	1	2048x1536	*2	*2	Yes	*2	*2	-	Yes*	Yes	Supported by design
DS-2CD4224F-IZH	V5.3.5 build 151218	H.264 MPEG4	1	1920x1080	-	-	-	*2	*2	-	Yes*	-	
Note:	1. Bitrate list can not synchornized with camera web. (Camera Firmware issue) 2. The stream 2 or 3 in camera with higher resolution via MJPEG is unable to achieve settings fps. (Camera performance limitation) 3. The bitrate of stream 2 or 3 in camera with highest resolution via MJPEG is higher than settings bitrate. (Camera performance limitation)												
DS-2CD4332FWD	V5.3.0	H.264 MPEG4	1	2048x1536	*2	2/2(*2)	*2	*2	*2	*2	Yes*	-	
Note:	1. Bitrate list is not synchronized with web. (Camera Firmware issue)												
DS-2CD4332FWD-PTZ	V5.3.5 build 151218	H.264	1	2048x1536	*2	*2	Yes	*2	*2	-	Yes*	Yes	

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	1.Bitrate list can not sync with camera web. (Camera Firmware issue) 2.Due to NUUO restriction, filp/mirror cannot not be set (NUUO server limitation)												
DS-2CD4625FWD-IZS	V5.3.4	H.264	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	Yes	
Note:	1. Bitrate list can not sync with web. (Camera Firmware issue)												
DS-2CD4565F-IZH	V5.3.4 build 150812	H.264	1	3072x2048	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Bitrate list can not sync with camera web. (Camera firmware issue) 2. Not support Flip/Mirror. (NUUO server limitation) 3. PTZ only support zoom&focus. 4. Snapshot resolution default is 704*576												
DS-2CD4A25FWD-IZ	V5.3.0 build 150617	H.264	1	1920x1080	-	-	Yes	Yes	*2	-	Yes*	Yes	
Note:	PTZ only support zoom & focus. 1. Bitrate lists can not sync with web. (Camera Firmware Issue)												
DS-2CD4A25FWD-IZHS	V5.3.5 build 151218	H.264	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	-	
Note:	1. Bitrate list can not sync with web. (Camera Firmware issue) 2. Bitrate is unable to achieve setting value. (Camera performance limitation)												
DS-2CD6026FHWD-A	V5.1.0 build 131202	H.264 MPEG4	1	1920x1080	*2	*2	*2	*2	*2	-	Yes*	Yes	
Note:	1.Framerate and bitrate can not achieve to maximum. (Camera performance limition) 2. OSD will display 1920x1088 in MPEG4 1920x1080. (Camera firmware issue) 3. Can't set frame rate to 50 fps. (Camera Firmware issue)												
DS-2CD6362F-I	refer to DS-2CD362F-IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	2-way	1/1	-	Yes	Yes	-	Yes	Yes	Supported by design
Note:	Fisheye Camera												
DS-2CD6362F-IVS	V5.0.9 build 141009	H.264	1	3072x2048	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	Fisheye camera 1. Not support MP2L2. (NUUO server limitation)												
DS-2CD6362F-IV	refer to DS-2CD6362F-IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye Camera												

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD6362F-IS	refer to DS-2CD6362F-IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye Camera												
DS-2CD6332FWD-I	V5.4.14 build 160427	H.264	1	1536x1536	*2	-	-	*2	*2	-	Yes*	Yes	
Note:	Fisheye Camera 1. The actual resolution is 800*608 but the setting list will show 800*600 (Camera firmware issue)												
DS-2CD6332FWD-IV	refer to DS-2CD6362F-IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye Camera												
DS-2CD6332FWD-IS	refer to DS-2CD6362F-IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye Camera												
DS-2CD6332FWD-IVS	refer to DS-2CD6362F-IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	Fisheye Camera												
DS-2CD6362FIVS												-	
DS-2CD2712F-I	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	-		Yes	Supported by design
DS-2CD2712F-IS	Refer to DS-2CD2612F-IS(v5.0.2 build130805)	H264 MJPEG	1	1280x960	2-way	1/1	-	Yes	Yes	-		Yes	Supported by design
DS-2CD2732F-IS	v5.0.2 build130805	H264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-		Yes	
DS-2CD702NF		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	Tested by manufacturer
DS-2CD702N-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	Tested by manufacturer
DS-2CD702NF-E		H.264 MPEG4	1	704x576	2-way	1/1	-	Done by Software	-	Yes		-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD702PF		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	Tested by manufacturer
DS-2CD702P-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	Tested by manufacturer
DS-2CD702PF-E		H.264 MPEG4	1	704x576	2-way	1/1	-	Done by Software	-	Yes		-	Supported by design
DS-2CD712NF		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	Tested by manufacturer
DS-2CD712N-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	Tested by manufacturer
DS-2CD712NF-E		H.264 MPEG4	1	704x576	2-way	1/1	-	Done by Software	-	Yes		-	Supported by design
DS-2CD712PF	V2.0 build 090522	H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	
DS-2CD712P-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-		-	Tested by manufacturer
DS-2CD712PF-E		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	Yes		-	Supported by design
DS-2CD7133-E	V3.0 110117	H.264	1	640x480	-	-	-	-	Yes	-	-	Yes	
Note:	not support video parameter setting.												
DS-2CD7153-E	v5.0.8 build 130930	H.264 MPEG4 MJPEG	1	1600x1200	-	-	-	Yes	Yes	-	-	Yes	
Note:	1. When resolution is 1600x1200 the range of framerate is not sync. with web 2. Not support video parameter setting.												
DS-2CD7253F-EIZ	V5.0.2 Build 130709	H.264 MPEG4 MJPEG	1	1600x1200	-	-	Yes	Yes	Yes	-	-	Yes	
Note:	1. Only support zoom in/out in the PTZ-control. 2. The range of framerate is not sync. with web when resolution is 1600x1200 and 1600x912. 3. Sub stream's format must be the same as main stream's except MJPEG.												
DS-2CD732F-E		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	Yes	-	-	Supported by design
DS-2CD732NF		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Tested by manufacturer
DS-2CD732NF-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Supported by design
DS-2CD732PF		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Tested by manufacturer
DS-2CD732PF-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Supported by design
DS-2CD752F-E		MPEG4	1	1600x1200	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD752MF-E		MPEG4	1	1600x1200	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD752MF-FB	V2.0 110426	MPEG4	1	1600x1200	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD752MF-FH		MPEG4	1	1600x1200	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD753F-E	Refer to DS-2CD753F-EI	H.264 MPEG4 MJPEG	1	1600x1200	2-way	2/2	*1	-	YES	-	-	Yes	Supported by design
DS-2CD753F-EI	V3.0 110921	H.264 MPEG4 MJPEG	1	1600x1200	2-way	2/2	*1	-	YES	-	-	Yes	
DS-2CD754F-E	Refer to 2CD754FWD-EI	H.264 MPEG4 MJPEG	1	1920x1080	2-way	2/2	Yes	-	YES	-	-	Yes	Supported by design
DS-2CD754F-EI	Refer to 2CD754FWD-EI	H.264 MPEG4 MJPEG	1	1920x1080	2-way	2/2	Yes	-	YES	-	-	Yes	Supported by design
DS-2CD754FWD-E	Refer to 2CD754FWD-EI	H.264 MPEG4 MJPEG	1	1920x1080	2-way	2/2	Yes	-	YES	-	-	Yes	Supported by design
DS-2CD754FWD-EI	V3.2 120105	H.264 MPEG4 MJPEG	1	1920x1080	2-way	2/2	Yes	-	YES	-	-	Yes	
DS-2CD762MF		MPEG4	1	1280x960	2-way	1/1	-	-	-	-	-	-	Tested by manufacturer
DS-2CD762MF-E		MPEG4	1	1280x960	2-way	1/1	-	-	-	-	-	-	Supported by design
DS-2CD762MF-FB		MPEG4	1	1280x960	2-way	1/1	-	-	-	-	-	-	Supported by design
DS-2CD762MF-FH		MPEG4	1	1280x960	2-way	1/1	-	-	-	-	-	-	Supported by design
DS-2CD783F-E	V3.0 110921	H.264 MPEG4 MJPEG	1	2560x1920	2-way	2/2	Yes	Done by Software	Yes	-	-	Yes	
DS-2CD783F-EI	Refer to DS-2CD783F-E	H.264 MPEG4 MJPEG	1	2560x1920	2-way	2/2	Yes	Done by Software	Yes	-	-	Yes	Supported by design
DS-2CD792NF		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Tested by manufacturer
DS-2CD792NF-E		H.264 MPEG4	1	704x576	2-way	1/1	-	Done by Software	-	Yes	-	-	Supported by design
DS-2CD792NF-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Supported by design
DS-2CD792PF		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Tested by manufacturer
DS-2CD792PF-E		H.264 MPEG4	1	704x576	2-way	1/1	-	Done by Software	-	Yes	-	-	Supported by design
DS-2CD792PF-FB		H.264 MPEG4	1	704x576	2-way	1/1	-	-	-	-	-	-	Supported by design
DS-2CD802NF		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD802NF-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD802N-IR1		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD802N-IR3		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2CD802N-IR5		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2CD802PF	V2.0 build 090522	H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	
DS-2CD802PF-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD802P-IR1		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2CD802P-IR3		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2CD802P-IR5		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2CD812NF		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD812NF-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD812NF-IR1		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD812NF-IR3		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD812P-IR5		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD812PF	v2.0 build 090522	H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD812PF-E	Refer to DS-2CD812PF (FW v2.0 build 090522)	H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD812PF-IR1	Refer to DS-2CD812PF (FW v2.0 build 090522)	H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	-	-	-	Supported by design
DS-2CD812PF-IR3	Refer to DS-2CD812PF (FW v2.0 build 090522)	H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	-	-	-	Supported by design
DS-2CD8253F-EI	v4.0.3 build121123	H.264 MPEG4	1	1600x1200	-	-	-	Yes	Yes	-	-	Yes	
Note:	FW issue: Not support audio but web setting can enable this option.												
DS-2CD8254F-EIS	V3.2 120105	H.264 MPEG4 MJPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
DS-2CD8264FWD-(EIS)	v4.0.3 build121123	H.264 MPEG4	1	1280x960	2-way	1/1	Yes	Yes	YES	-	-	Yes	
Note:	PTZ can't work, MD will delay												
DS-2CD832F		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD832F-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2CD832NF		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD832NF-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD832NF-IR1		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD832NF-IR3		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD832P-IR5		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD832PF		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD832PF-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD832PF-IR1		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	-	-	-	Supported by design
DS-2CD832PF-IR3		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	-	-	-	Supported by design
DS-2CD852F		MPEG4	1	1600x1200	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD852MF-E	V2.0 build 20090430	MPEG4	1	1600x1200	2-way	1/1	Yes	-	-	Yes	-	-	
DS-2CD853F-E	V3.2 120105	H.264 MPEG4 MJPEG	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
DS-2CD854F-E	V3.2 120105	H.264 MPEG4 MJPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
DS-2CD862MF-E		MPEG4	1	1280x720	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD864FWD-E	v4.0.3 build121123	H.264 MPEG4	1	1280x960	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
Note:	DI can't work, MD will delay, G726 talk can't work, zoom in/out can't work												
DS-2CD883F-E	V3.2 120105	H.264 MPEG4 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	Yes	
Note:	1.DS-2CD8254F-EIS、DS-2CD853F-E、DS-2CD854F-E、DS-2CD883F-E can't set framerate 15~22 in Max resolution 2.DS-2CD8254F-EIS、DS-2CD854F-E、DS-2CD883F-E image broken when resolution over 1600x1200												
DS-2CD892NF		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD892NF-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD814NF-IR1		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	-	-	-	Supported by design
DS-2CD892NF-IR3		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	-	-	-	Supported by design

HIKVISION

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2CD892P-IR5		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD892PF		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Tested by manufacturer
DS-2CD892PF-E		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD892PF-IR1		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD892PF-IR3		H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	Supported by design
DS-2CD2012F-I	v5.3.0	H.264	1	1280x960	-	-	-	Yes	Yes	-	Yes*	Yes	
DS-2DE7174-AE	Refer to DS-2DE7184-A(V5.3.9	H.264	1	1920x1080	*2	-	Yes	Yes	*2	Yes	Yes*	Yes	Supported by design
DS-2DE7176-A	Refer to DS-2DE7176-D(V5.3.9 build 150910)	H.264	1	1280x960	*2	*2	Yes*	Yes	*2	Yes	Yes*	Yes	Supported by design
DS-2DE7176-D	V5.3.9 build 150910	H.264	1	1280x960	*2	*2	Yes*	Yes	*2	Yes	Yes*	Yes	
Note:	1. Bitrate list can not sync with camera web. (Camera Firmware issue) 2. Not support Flip/Mirror. (NUUO server limitation)												
DS-2DE7184-A	V5.3.9 build 150910	H.264	1	1920x1080	*2	-	Yes	Yes	*2	Yes	Yes*	Yes	
Note:	1. Auto focus can't be used. (NUUO server limitation) 2. Audio codec via AAC can't be used. (NUUO server limitation)												
DS-2DF1-401H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-402H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-572	V4.1.2 build 121205	H.264	1	1280x720	2-way	1/1	Yes	Yes	-	-	-	Yes	
DS-2DF1-5702	Refer to DS-2DF1-572	H.264 MJPEG	1	1280x720	2-way	1/1	Yes	Done by Software	*1	-	-	Yes	Supported by design
DS-2DF1-570A	Refer to DS-2DF1-572	H.264 MJPEG	1	1280x720	2-way	1/1	Yes	Done by Software	*1	-	-	Yes	Supported by design
DS-2DF1-5732	Refer to DS-2DF1-572	H.264 MJPEG	1	1280x720	2-way	1/1	Yes	Done by Software	*1	-	-	Yes	Supported by design
DS-2DF1-573A	Refer to DS-2DF1-572	H.264 MJPEG	1	1280x720	2-way	1/1	Yes	Done by Software	*1	-	-	Yes	Supported by design
DS-2DF1-57A	Refer to DS-2DF1-572	H.264 MJPEG	1	1280x720	2-way	1/1	Yes	Done by Software	*1	-	-	Yes	Supported by design
Note:	FW issue: DS-2DF1-572 series UPnP fail												
DS-2DF1-601H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-602H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-2DF1-603H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-604H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-605H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-606H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-607H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-611H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-612H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-613H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-614H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-615H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-616H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF1-617H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DF6236V-AEL	V5.3.2	H.264	1	1920x1080	2-way	7/2	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Bitrate list can not sync with camera web. (Camera Firmware issue) 2. Not support Flip/Mirror. (NUUO server limitation)												
DS-2DF8223I-AEL	V5.2.8 build 150124	H.264 MPEG4	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	Yes	
Note:	1. Bitrate list is not sync with web. (Camera Firmware issue) 2. Some default preset points can't be used. (NUUO server limitation)												
DS-2DM1-602H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DM1-603H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DM1-604H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DM1-612H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DM1-613H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-2DM1-614H		H.264	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-6101HFI-IP	V2.0 Build 20090522	H.264 MPEG4	1	704x576	2-way	1/1	Yes	-	-	Yes	-	-	
DS-6101HFI-SATA		H.264 MPEG4	1	704x576	2-way	1/1	Yes	Done by Software	-	Yes	-	-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Not support Flip/Mirror.
Bitrate list can not sync with camera web.

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DS-6104HCI	V2.0 build 090921 / V4.0 build 090508	H.264	4	704x480	2-way	4/2	Yes	Done by Software	-	Yes	-	-	
Note:	Only support 2 video Ch when resolution more than CIF												
DS-6104HCI-SATA		H.264	4	704x576	2-way	4/2	Yes	Done by Software	-	Yes	-	-	Supported by design
DS-6601HFHI	v1.0.2 build 121107	H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	-	-	Yes	
Note:	1. Can't change port on camera web site. 2. Talk is not fluent												
DS-6716HWI	V1.2.5 build 150522	H.264 MJPEG MPEG4	16	960x480	2-way	16/4	Yes	Yes	Yes	Yes	Yes*	Yes	
Note:	1. Can't get snapshot. (NUUO server limitation)												
DS-8116HQHI-SH	V3.1.2 build 141219/Encoding Version:V5.0 build 141218	H.264	16	960x576	2-way	16/4	Yes	Yes	Yes	Yes	Yes*	Yes	
Note:	1. The resolution of streaming was not stable. (Camera firmware issue) 2. Motion detection can't be used. (Camera firmware issue) 3. The video parameter (brightness, contrast..) can't be used. (Camera firmware issue) 4. UPnP search can't be used. (Camera firmware issue) 5. The number of DI and DO was wrong. (Camera firmware issue) 6. DO can't be used. (Camera firmware issue) 7. Can't get RTSP port, default value 554. (Camera firmware issue) 8. PTZ function only works in channel 1. (Camera firmware issue) 9. Unable to achieve setting frame rate, due to duplicate P frame. (Camera firmware issue)												
Generic	V5.3.0 build 150616 V3.1.2 build 141219 V5.0.9 build 141009	H.264 MPEG4 MJPEG	16	2560x1920	2-way	2/2	Yes	Yes	*1	-	Yes*	-	
Note:	1. V5.3.0 build 150616 is the version of firmware of IPCam. 2. V3.1.2 build 141219 is the version of firmware of video server. 3. V5.0.9 build 141009 is the version of firmware of fisheye. 4. Talk not support in the model support ISAPI protocol. (Camera firmware issue) Fisheye model: 1. Support generic dewarp 2. When audio codec is changed in webpage, audio in IP Camera 2, 3, 4, 5 can't use correct codec. (Camera Firmware issue)												
Note:	The camera setting well be failed, when sub stream resolution bigger than main stream resolution in Rapter platform.												

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	Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
HNCB-E1SN		MPEG4	1	720x480	-	-	-	-	-	-	-	-	Supported by design
HNG-E1SAW0S4	4.1.2-50	MPEG4	1	720x480	1-way	-	-	-	-	-	-	-	
HWD125MN	4.1.2-50	MPEG4	1	720x480	1-way	-	Yes	-	-	-	-	-	
HECMC4V0C4		MPEG4	1	640x480	1-way	-	-	-	-	-	-	-	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
				- : not avaliable on camera									
				***1: not avaliable on software**									
				***2: not test on software**									
				For multi stream support:									
				Yes: multi stream fix to 500kbps/100kbps									
				Yes*: multi stream setting support									
ACUIX	1.5.6	MPEG4	1	4CIF	*1	*1	*1	-	-	-	-	-	
H3D1F	40.0.6	H.264 MJPEG	1	1280x720	2-way	1/0	-	Yes	-	-	-	Yes	
Note:	To ensure compatibility with H3D1F1, H3D1F2, H3D1F3, H4D1F1, HCD1F, HCW1F, H3W1F1, H4W1F1, H3D1F2X, H3D1F3X, H4D1F1X, HCD1FX, HCW1FX, H3W1F1X or H4W1F1X, H3D1F must be selected to work with either model.												
H3D2F	40.0.6	H.264 MJPEG	1	1920x1080	2-way	1/0	Yes	Yes	-	-	-	Yes	
Note:	1. H3D2F: Only support Zoom and Focus, not supprot Pan and Tilt. 2. To ensure compatibility with H3D2F1X, H3D2F1, H4D2F1 or H4D2F1X, H3D2F must be selected to work with either model.												
HCD554IP	5.4.5	MPEG4	1	4CIF	*1	*1	-	-	-	-	-	-	
HCD5MIH	13.1.2	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	-	-	-	
Note:	1. For integration issue not support TCP connection.												
HD3MDIH	11.0.3	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	-	-	-	
Note:	1. For integration issue not support TCP connection.												
HD3MDIP	7.07	MPEG4	1	1280x720	*1	*1	-	-	-	-	-	-	
HD4DIP	4.4.8	MPEG4	1	4CIF	*1	*1	-	-	-	-	-	-	
HD4MDIH	12.0.3	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	-	-	-	
Note:	1. For integration issue not support TCP connection.												
HD4MDIP	8.04	MPEG4	1	1280x720	*1	*1	-	-	-	-	-	-	
HNVE1	6.3.4	MPEG4	1	4CIF	*1	*1	*1	-	-	-	-	-	
HDZ20HD	refer to HDZ20HDX (H20120808NSA)	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	-	Yes	Supported by design
HDZ20HDE	refer to HDZ20HDX (H20120808NSA)	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	-	Yes	Supported by design
HDZ20HDX	H20120808NSA	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	-	Yes	
HDZ20HDEX	refer to HDZ20HDX (H20120808NSA)	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	-	Yes	Supported by design
Note:	Parameter setting will fail when Mjpeg quality bigger than 60												

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
ICanView220		MPEG4	1	720x576	2-way	1/1	-	-	-	-	-	-	Supported by design
ICanView222		MPEG4	1	720x576	2-way	1/1	-	-	-	-	-	-	Supported by design
ICanView230		MPEG4	1	720x576	2-way	1/1	-	-	-	-	-	-	Supported by design
ICanView232		MPEG4	1	720x576	2-way	1/1	-	-	-	-	-	-	Supported by design
ICanView240		MPEG4	1	720x576	2-way	4/2	Yes	-	-	-	-	-	Supported by design
ICanView250	2.2.2	MPEG4	1	720x576	2-way	4/2	Yes	-	-	-	-	-	
ICanView260		MPEG4	1	720x576	2-way	1/1	-	-	-	-	-	-	Supported by design
ICanView270		MPEG4	1	720x576	2-way	2/1	Yes	-	-	-	-	-	Supported by design
ICanView280		MPEG4	1	720x576	2-way	1/1	-	-	-	-	-	-	Supported by design
ICanView290		MPEG4	1	720x576	2-way	1/1	Yes	-	-	-	-	-	Supported by design
ICanserver510		MPEG4	1	720x576	2-way	1/1	-	-	-	-	-	-	Supported by design
iCanView322MP	V2.0.18	M-JPEG H264	1	1600x1200	2-way	1/1	-	-	Yes	-	-	-	
iCanView332MP	V2.0.18	M-JPEG H264	1	1600x1200	2-way	1/1	Yes	-	-	-	-	-	
iCanView340MP	V2.0.18	M-JPEG H264	1	1600x1200	2-way	1/1	Yes	-	Yes	-	-	-	
iCanView350MP	v1.0.19	M-JPEG H264	1	720x480	2-way	4/2	Yes	-	-	-	-	-	
iCanView362MP	V2.0.18	M-JPEG H264	1	720x480	2-way	1/1	-	-	-	-	-	-	
iCanServer612	v1.0.19	M-JPEG H264	1	720x480	2-way	1/1	Yes	-	-	-	-	-	

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
VIP-S3020	2.210.IB00.0 .R, build : 2014-11-12	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue) 2.Stream parameter setting may fail if the ranges of bitrate and framerate or resolution are not synchronized with the camera web. (Camera Firmware issue) 3.Server Bitrate Value may not sync with web interface. (Camera Firmware issue)												
VIP-S3230	2.420.IB01.1 .R, build : 2015-05-15	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue) 2.Stream parameter setting may fail if the ranges of bitrate and framerate or resolution are not synchronized with the camera web. (Camera Firmware issue) 3.Server Bitrate Value may not sync with web interface. (Camera Firmware issue)												
VIP-S4000	2.210.IB00.0 .T, build : 2015-07-09	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue) 2.Stream parameter setting may fail if the ranges of bitrate and framerate or resolution are not synchronized with the camera web. (Camera Firmware issue) 3.Server Bitrate Value may not sync with web interface. (Camera Firmware issue)												
VIP-S4020	2.210.IB00.0 .R, build : 2014-11-12	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue) 2.Stream parameter setting may fail if the ranges of bitrate and framerate or resolution are not synchronized with the camera web. (Camera Firmware issue) 3.Server Bitrate Value may not sync with web interface. (Camera Firmware issue)												
VIP-S4200	2.420.IB01.1 .R, build : 2015-05-15	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue) 2.Stream parameter setting may fail if the ranges of bitrate and framerate or resolution are not synchronized with the camera web. (Camera Firmware issue) 3.Server Bitrate Value may not sync with web interface. (Camera Firmware issue)												
VIP-S4220	2.420.IB01.1 .R, build : 2015-05-15	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue) 2.Stream parameter setting may fail if the ranges of bitrate and framerate or resolution are not synchronized with the camera web. (Camera Firmware issue) 3.Server Bitrate Value may not sync with web interface. (Camera Firmware issue)												

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Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
EXCA100IP2	v1.8.1001.3.5.25	H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	*2	-	Yes*	Yes	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set.(Camera firmware issue) 2. motion event is not supported under MJPEG format.(Camera firmware issue)												
EXCA215IP2		H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	*2	-	Yes*	Yes	
EXCA336IP2		H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	*2	-	Yes*	Yes	
EXCA234IP2		H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	*2	-	Yes*	Yes	
EXCA234IP2WDR		H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	*2	-	Yes*	Yes	

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Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge event	Advanced setting	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
NBL3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	-	Yes*	-	Yes	Supported by design
Note:	1. Framerate is unable to achieve setting value in MJPEG 1920x1080. (Camera performance limitation)															
NBL5302	Refer to B8210(02_C022)	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	-	Yes*	-	Yes	Supported by design
Note:	1. Audio has noise with AMR. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS. (Camera performance limitation) 3. Move can't not move to center. (Camera Firmware issue) 4. Speed range is not synchronize with web. (Camera Firmware issue)															
NBL7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	-	Yes*	Yes	Yes	
Note:	1. Camera can not achieve the setting FPS. (Camera Firmware Issue) 2. Quality can not be set to Detailed or Excellent when format is MJPEG. (Camera firmware issue)															
NBL7305	Refer to B8520(01_C020)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	-	Yes*	-	Yes	Supported by design
Note:	1. The bitrate list can not sync with camera's web. (Camera Firmware Issue)															
NDM3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	-	Yes*	-	Yes	Supported by design
Note:	1. Framerate is unable to achieve setting value in MJPEG 1920x1080. (Camera performance limitation)															
NDM3112	Refer to D4211(02_C022)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	Yes#	Yes	-	Yes*	-	Yes	Supported by design
NDM5302	Refer to D8210(02_C022)	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	-	Yes*	-	Yes	Supported by design
Note:	1. Audio has noise with AMR. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS. (Camera performance limitation) 3.PTZ only support zoom & focus.															
NDM7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	-	Yes*	Yes	Yes	
NDM7305	Refer to B8520(01_C020)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	-	Yes*	-	Yes	Supported by design
Note:	1. PTZ panel can not normally wrok, because this camera is not support PTZ features. (Camera Hardware Issue)															
NBL5103	01_C018	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	-	-	Yes*	-	Yes	Supported by design
Note:	1. Display mosaic happen in 2304x1296 MJPEG. (Camera performance limitation) 2. Quality list can not synchronize with web. (Camera Firmware issue) 3. Bitrate list can not synchronize with web in MJPEG. (Camera Firmware issue)															
NDM5103	01_C013	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes	-	Yes*	-	Yes	Supported by design
Noye:	1. Display mosaic happen in 2304x1296 MJPEG. (Camera performance limitation) 2. Quality list can not synchronize with web. (Camera Firmware issue) 3. Bitrate list can not synchronize with web in MJPEG. (Camera Firmware issue)															
NFE5403	01_C020	H.264 H.265 MJPEG	1	2048x1520	2-way	1/1	-	Yes	Yes	-	-	-	Yes*	-	Yes	Supported by design

	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Generic		H.264 MJPEG	1	2592x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
Note:	Support generic dewarp 1.The maximum resolution is depends on camera. 2.Some framerate and bitrate can't be set due to Onvif restriction.												
NCOA22F	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Supported by design
NCOA32FD	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NCOA52F	v1.8.1001.85.0.8317	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. Camera with high resolution and quality is unable to achieve max fps. (Camera performance limitation) 2. The range of bitrate isn't synchronized with the one on camera's web due to Onvif restriction. (Camera performance limitation) 3. The list of framerate isn't synchronized with the one on camera's web due to Onvif restriction. (Camera performance limitation)												
NDOA22F-W	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NDOA32FD-W	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIAA202F	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIDA212F-W	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIDA312FD-W	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIDA512F-W	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIPA2H22-C	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIPA2H22-W	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIRA222F	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIRA232F	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NIRA332FD	refer to NCOA52F(v1.8.1001.85.0.8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NITA212F	refer to NCOA52F(v1. 8.1001.85.0. 8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
NITA312FD	refer to NCOA52F(v1. 8.1001.85.0. 8317)	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design

Above the table:

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
JS-C1100		M-JPEG MPEG4 H.264	1	1280x800	2-Way	-	-	Yes	Yes	-		-	Supported by design
JS-C2100		M-JPEG MPEG4 H.264	1	1280x800	2-Way	-	-	Yes	Yes	-		-	Supported by design
JS-WGP-100-CB		M-JPEG MPEG4 H.264	1	1280x800	2-Way	-	-	Yes	Yes	-		-	Supported by design
JS-B0100		M-JPEG MPEG4 H.264	1	1280x800	2-Way	1/0	-	Yes	Yes	-		-	Supported by design
JS-B0100-W		M-JPEG MPEG4 H.264	1	1280x800	2-Way	1/0	-	Yes	Yes	-		-	Supported by design
JS-B0131		M-JPEG MPEG4	1	1280x800	2-Way	1/0	-	Yes	Yes	-		-	Supported by design
JS-B1100-R30		H.264 M-JPEG MPEG4	1	1280x800	2-Way	1/0	-	Yes	Yes	-		-	Supported by design
JS-B1100		M-JPEG MPEG4 H.264	1	1280x800	2-Way	1/1	-	Yes	Yes	-	-	-	Supported by design
JB-B1204-R25		M-JPEG MPEG4 H.264	1	1920x1080	2-Way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
JS-D0100		M-JPEG MPEG4 H.264	1	1280x800	2-Way	-	-	Yes	Yes	-	-	-	Supported by design
JS-D1100		M-JPEG MPEG4 H.264	1	1280x800	2-Way	1/0	-	Yes	Yes	-	-	-	Supported by design
JS-D1130		M-JPEG MPEG4	1	1280x800	2-Way	1/0	-	Yes	Yes	-	-	-	Supported by design
JS-D1204		M-JPEG MPEG4 H.264	1	1920x1080	2-Way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
JS-ISD0200x18		M-JPEG MPEG4 H.264	1	1920x1080	-	4/2	-	Yes	Yes	-	-	Yes	Supported by design
JS-OSD0200x20		M-JPEG MPEG4 H.264	1	1920x1080	-	4/2	-	Yes	Yes	-	-	Yes	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
VN-C205U		M-JPEG	1	640x480	-	0/0	Yes	-	-	-	-	-	Supported by design
VN-C20U		M-JPEG	1	640x480	-	2/2	-	-	-	-	-	-	Supported by design
VN-C215U		M-JPEG	1	640x480	-	2/2	-	-	-	-	-	-	Supported by design
VN-C655U		M-JPEG	1	640x480	-	0/0	Yes	-	-	-	-	-	Supported by design
VN-E4(U)		M-JPEG	4	640x480	1-way	4/1	-	-	-	-	-	-	Supported by design
VN-H57	4.00.575	H264 MJPEG	1	1920x1080	1-way	2/2	-	Yes	-	-	-	-	
Note:	1. H264 support Baseline Profile only 2. Support vfs only at MJPEG 3. When 30fps or 25fps is set, 3DDNR, motion detection and analog viedeo output are not available. 4. When MJPEG RTSP over UDP (MC MJPEG over UDP), Motion Detection is not availiable. 5. Encoder settings can not be changed during multicast. 6. Firmware Issue: MJPEG video stream is unstable over high resolutions.												
VN-H137	4.00.314	H264 MJPEG	1	1920x1080	-	0/0	-	Yes	-	-	-	-	
Note:	1. H264 support Baseline Profile only 2. Support vfs only at MJPEG 3. When 30fps or 25fps is set, 3DDNR, motion detection and analog viedeo output are not available. 4. When MJPEG RTSP over UDP (MC MJPEG over UDP), Motion Detection is not availiable. 5. Encoder settings can not be changed during multicast. 6. Firmware Issue: H264 video stream is unstable over low framerate.												
VN-H157	Refer to VN-H57	H264 MJPEG	1	1920x1080	-	2/2	-	Yes	-	-	-	-	
VN-H237	Refer to VN-H137	H264 MJPEG	1	1920x1080	-	0/0	-	Yes	-	-	-	-	
VN-H257	Refer to VN-H57U	H264 MJPEG	1	1920x1080	-	2/2	-	Yes	-	-	-	-	
VN-H37	Refer to VN-H137U	H264 MJPEG	1	1920x1080	-	0/0	-	Yes	-	-	-	-	
VN-H657	2.01.827 SPL2841	H264 MJPEG	1	1920x1080	-	2/2	Yes	Yes	-	Yes	-	-	
Note:	Motion Detection is available at Home Position. Firmware Issue: Mjpeg video stream is unstable over high resolutions such as 1920X1080, 1280x720.												
VN-T16	j.2.2.2232	H264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	Yes	-	-	-	-	
Note:	1. There are lower frame rate limitations for H264 and MPEG4. When choosing CBR, some conditions will be disabled based on different resolution setting. When choosing VBR, some conditions will be disabled based on different resolution setting. 2. Firmware Issue: Mjpeg video stream is unstable over high resolutions such as 1920X1080, 1280x720. 3. Firmware Issue: The Encoder parameters may not sync camera web.												
VN-T216	refer VN-T16	H264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	Yes	-	-	-	-	
Note:	1. There are lower frame rate limitations for H264 and MPEG4. When choosing CBR, some conditions will be disabled based on different resolution setting. When choosing VBR, some conditions will be disabled based on different resolution setting. 2. Firmware Issue: Mjpeg video stream is unstable over high resolutions such as 1920X1080, 1280x720. 3. Firmware Issue: The Encoder parameters may not sync camera web.												

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Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
VN-V685	3.04	MPEG4 MJPEG	1	VGA	-	2/2	Yes	Yes	-	-	-	-	
Note:	1. Support vfs only at MJPEG 2. When MPEG4 is set, Motion Detection is not availiable. 3. Motion Detection is available at Home Position.												
VN-V686	Refer to VN-V685	MPEG4 MJPEG	1	VGA	-	2/2	Yes	Yes	-	-	-	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FCS-0010		MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-	-	Supported by design
FCS-0020	1.0.07	MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	Yes	-	-	
FCS-0030		M-JPEG MPEG4 H.264	1	1280x800	2-way	-	-	-	Yes	-	-	-	Supported by design
FCS-0031	v1.0.0.30	M-JPEG MPEG4 H.264	1	1280x800	2-way	-	-	-	Yes	-	-	-	
FCS-0040	v1.0.02	M-JPEG MPEG4 H.264	1	1280x960	2-way	-	-	-	Yes	-	-	-	
FCS-0071	2.1.0202_level1	M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	-	-	
FCS-1010	0102d	H.263	1	720x576	1-way	1/1	Yes	-	Yes	-	-	Yes	
FCS-1030V1.0		H.263	1	720x576	1-way	-	-	-	Yes	-	-	Yes	Supported by design
FCS-1030V2.0		MPEG4	1	720x576	1-way	-	-	-	Yes	-	-	Yes	Supported by design
FCS-1040	0102a	MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	-	Yes	-	-	Yes	
FCS-1040 v3.0	0100a	MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	-	Yes	-	-	Yes	
FCS-1050		H.263	1	720x576	1-way	1/1	-	-	Yes	-	-	Yes	Supported by design
FCS-1060	0202a	MPEG4	1	720x576	1-way	-	Yes	-	Yes	-	-	Yes	
FCS-1070		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	Yes	Supported by design
FCS-1081		MPEG4 M-JPEG	1	640x480	-	-	-	-	Yes	-	-	-	Supported by design
FCS-1081A		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	-	-	Supported by design
FCS-1091		MPEG4 M-JPEG	1	640x480	2-way	2/2	-	-	Yes	-	-	-	Supported by design
FCS-1101		MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-	-	Supported by design
FCS-1121	v1.0.0.10	M-JPEG MPEG4 H.264	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	
FCS-1122	v1.0.0.37	MPEG4 MJPEG H264	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	
FCS-1131	s/w: L20100315NS	M-JPEG H.264	1	1920x1080	2-way	1/1	-	-	Yes	-	-	Yes	
FCS-1132	v1.0.0.2	MPEG4 M-JPEG H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
Note:	1. Motion Detection of MPEG4 is error.												
FCS-1141	CCD: CCD-cameraFw-100205	M-JPEG MPEG4 H.264	1	1280x960	2-way	1/1	-	-	Yes	-	-	Yes	
Note:	Detail FW version : CCD: CCD-cameraFw-100205 ; s/w: L20100312NS												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FCS-1151	0100a	M-JPEG MPEG4 H.264	1	1600x1200	2-way	1/1	-	-	Yes	-	-	Yes	
FCS-3000	0101a	MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	Yes	
FCS-3021		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	Yes	Supported by design
FCS-3031	V1.0.01	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	
FCS-3051	V1.0.01	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	
FCS-3052	v1.0.0.2	MPEG4 M-JPEG H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
Note:	1. Motion Detection of MPEG4 is error.												
FCS-3061	V1.0.0.17	M-JPEG MPEG4 H.264	1	1280x800	2-way	1/0	-	-	Yes	-	-	-	
FCS-3062	v1.0.0.6	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
FCS-3071	s/w: L20100315NS	M-JPEG H.264	1	1920x1080	1-way	-	-	-	Yes	Yes	-	Yes	
FCS-3071-V2	le20120905NSA	H.264 M-JPEG	1	1920x1080	N/A	-	-	Yes	Yes	-	Yes		
FCS-3081	L20100820NS	M-JPEG H.264	1	1920x1080	2-way	1/1	-	-	Yes	-	-	Yes	
FCS-3091	2.0.0413	M-JPEG H.264	1	1600x1200	2-way	1/1	-	-	Yes	-	-		
Note:	LevelOne FCS-3081: Audio out only works under UDP protocol.												
FCS-3101	FCS-3101-ANC3211M-1.0.1.3-08-07	H.264 MJPEG MPEG4	1	1920x1080	1-way	-	-	Yes	Yes	-	-	-	
Note:	1.Not support video parameter. 2.Not support bitrate 20Kbps.												
FCS-4010		MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	-	Yes	-	-	Yes	Supported by design
FCS-4020	0100a	MPEG4 M-JPEG	1	704x576	2-way	4/1	Yes	-	Yes	-	-	Yes	
FCS-4041	le20130117NSA	M-JPEG H.264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	-	Yes	
Note:	High video parameter causes slow CGI command response.												
FCS-4042	Le20140113NSA	M-JPEG H.264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	-	Yes	
Note:	1. FPS could not reach up to 30 while high quality. 2. Preset name use special symbol failed ex:# 3. High video parameter causes slow CGI command response												
FCS-4101	FCS-4101-ANC3210M-1.0.1.3-08-07	H.264 MJPEG MPEG4	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	-	-	
Note:	1.Not support video parameter. 2.Not support bitrate 20Kbps.												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FCS-4x00		MPEG4 M-JPEG	1	704x480	2-way	4/1	Yes	-	Yes	-	-	-	Supported by design
WCS-0050	v1.0.0.36	MPEG4 MJPEG H264	1	1280x800	1-way	-	-	Yes	Yes	-	-	-	
FCS-5011	0100c	MPEG4 M-JPEG	1	720x480	2-way	1/1	-	-	Yes	-	-	Yes	
FCS-5030	0102g	MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	Yes	
Note:	No audio support in M-JPEG format.												
FCS-5041	V1.0.0.33	MPEG4 M-JPEG H.264	1	1280x800	2-way	1/0	Yes	-	Yes	-	-	-	
Note:	LevelOne FCS-5041: PTZ only supports zoom and focus function.												
FCS-5042	2.0.0.1	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/0	Yes	Yes	Yes	-	-	-	
FCS-5051	L20100820NS	M-JPEG H.264	1	1920x1080	2-way	1/1	-	-	Yes	-	-	Yes	
Note:	LevelOne FCS-5051: Audio out only works under UDP protocol.												
FCS-5052	Refer to FCS-3062(v1.0.0.6)	MPEG4 M-JPEG H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	
Note:	1. Motion Detection of MPEG4 is error.												
FCS-5061	le20130117NSA	MJPEG H264	1	2592x1944	2-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	1.Talk audio with noise nuder win xp system. 2.Change protocol will cause MainConsole Crash with the maximun value of video settings.												
FCS-5062	v1.0.0.2	MPEG4 M-JPEG H.264	1	2952x1944	2-way	1/1	-	Yes	Yes	-	-	-	
Note:	1. Motion Detection of MPEG4 is error.												
FCS-7011		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	-	Yes	-	-	-	Supported by design
FCS-7111	0100c	MPEG4 M-JPEG H.264	1	1600x1200	2-way	1/1	-	-	Yes	-	-	Yes	
SDK8	CFA-V6.07.23-L1	H264 MJPEG	1	3648x2736	2-way	1/1	Yes	Yes	-	-	Yes*	-	Supported by design
WCS-0010		MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-	-	Supported by design
WCS-0020		MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	Yes	Yes	-	-	Supported by design
WCS-0030	V1.0.0.7	M-JPEG MPEG4 H.264	1	1280x800	2-way	-	-	-	Yes	-	-	-	
WCS-0040	V1.0.02	M-JPEG MPEG4 H.264	1	1280x960	2-way	-	-	-	Yes	-	-	-	
WCS-0050	v1.0.0.36	MPEG4 MJPEG H264	1	1280x800	1-way	-	-	Yes	Yes	-	-	-	
WCS-1090		MPEG4 M-JPEG	1	640x480	2-way	2/2	-	-	Yes	-	-	-	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
WCS-2010V1.0		H.263	1	720x576	1-way	1/1	Yes	-	Yes	-	-	Yes	Supported by design
WCS-2010V2.0		H.263	1	720x576	1-way	1/1	Yes	-	Yes	-	-	Yes	Supported by design
WCS-2030V1.0	0200d	H.263	1	720x576	1-way	-	-	-	Yes	-	-	Yes	
WCS-2030V2.0		H.263	1	720x576	1-way	-	-	-	Yes	-	-	Yes	Supported by design
WCS-2030V3.0		MPEG4	1	720x576	1-way	-	-	-	Yes	-	-	Yes	Supported by design
WCS-2040	0101b	MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	-	Yes	-	-	Yes	
WCS-2040 v3.0	0100b	MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	-	Yes	-	-	Yes	
WCS-2060		MPEG4	1	720x576	1-way	-	-	-	Yes	-	-	Yes	Supported by design
WCS-2070	0100b	MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	Yes	
WCS-6020	1.1.4.1	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	Yes	-	-	
WCS-6050	1.0.4.2	H.264 M-JPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	Yes	-	-	

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Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
LDW2010	260.0.0.1208100	H.264 MJPEG	1	D1	2-way	1/1	-	Yes	-	-	-	-	
LNB3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LNB5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LND3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LND5100	1796.0.0.1208060	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LND7210	Refer to LNV7210R(xxxx.0.0.1405190)	H.264 MJPEG	1	1920x1080	2-way	*2	-	Yes	*2	-	Yes	-	Supported by design
LND7210R	Refer to LNV7210R(xxxx.0.0.1405190)	H.264 MJPEG	1	1920x1080	2-way	*2	-	Yes	*2	-	Yes	-	Supported by design
LND7300	1801.0.0.1303220	H.264 MJPEG	1	2048x1536	*2	*2	-	Yes	-	-	-	-	
LNP2800	Refer to LNP3700T	H.264 MJPEG	1	D1	2-way	4/2	Yes	Yes	-	Yes	-	-	
LNP2800I	Refer to LNP3700T	H.264 MJPEG	1	D1	2-way	4/2	Yes	Yes	-	Yes	-	-	
LNP2810T	1890.0.0.1302150	H.264 MJPEG	1	1280x720	*2	*2	Yes	Yes	-	Yes	-	-	
NOTE:	Snapshot function doesn't work												
LNP3700	Refer to LNP3700T	H.264 MJPEG	1	D1	2-way	4/2	Yes	Yes	-	Yes	-	-	
LNP3700T	1286.0.0.1205140	H.264 MJPEG	1	D1	2-way	4/2	Yes	Yes	-	Yes	-	-	
LNU5100R	1954.0.0.1303120	H.264 MJPEG	1	1280x1024	*2	*2	-	Yes	-	-	-	-	
LNU7210R	Refer to LNV7210R(xxxx.0.0.1405190)	H.264 MJPEG	1	1920x1080	2-way	*2	-	Yes	*2	-	Yes	-	Supported by design
LNV5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LNV5100R	1972.0.0.1303110	H.264 MJPEG	1	1280x1024	*2	*2	-	Yes	-	-	-	-	
LNV5110	Refer to LND5100	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LNV7210	Refer to LNV7210R(xxxx.0.0.1405190)	H.264 MJPEG	1	1920x1080	2-way	*2	-	Yes	*2	-	Yes	-	Supported by design
LNV7210R	2237.0.0.1405190	H.264 MJPEG	1	1920x1080	2-way	*2	-	Yes	*2	-	Yes	-	
NOTE:	Unable to set video parameter (brightness...etc)												
LNV7300	Refer to LND7300(FW 1801.0.0.130	H.264 MJPEG	1	2048x1536	*2	*2	-	Yes	-	-	-	-	
LSW2010	Refer to LDW2010	H.264 MJPEG	1	D1	2-way	1/1	-	Yes	-	-	-	-	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
LSW900	Refer to LVW701	H.264 MJPEG	1	704x576	2-way	1/1	-	Yes	-	-	-	-	Supported by design
LSW901	Refer to LVW701	H.264 MJPEG	1	704x576	2-way	1/1	-	Yes	-	-	-	-	Supported by design
LVS201	385.0.0.1208200	H.264 MJPEG	1	704x576	-	-	Yes	Yes	-	-	-	-	
LVS301	Refer to LVS311	H.264 MJPEG	1	704x576	2-way	1/1	Yes	Yes	-	-	-	-	Supported by design
LVS311	129.1.0.1110260	H.264 MJPEG	1	704x576	2-way	1/1	Yes	Yes	-	-	-	-	
LVW700	Refer to LVW701	H.264 MJPEG	1	D1	2-way	1/1	-	Yes	-	-	-	-	Supported by design
LVW701	4.1.1.1110260	H.264 MJPEG	1	D1	2-way	1/1	-	Yes	-	-	-	-	
LVW900	Refer to LVW701	H.264 MJPEG	1	D1	2-way	1/1	-	Yes	-	-	-	-	Supported by design
LVW901	Refer to LVW701	H.264 MJPEG	1	D1	2-way	1/1	-	Yes	-	-	-	-	Supported by design
LW130W	4097.0.0.1203131	H.264 MJPEG	1	1280x720	2-way	1/1	-	Yes	-	-	-	-	
LW332	1026.0.0.1110260	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LW335	Refer to LW332	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LW342	Refer to LW345	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	
LW345	767.0.0.1207113	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	Test by link
LW352	1030.0.0.1111160	H.264 MJPEG	1	2040x1536	2-way	1/1	-	Yes	-	-	-	-	
LW355	Refer to LW352	H.264 MJPEG	1	2040x1536	2-way	1/1	-	Yes	-	-	-	-	Supported by design
LW6324	Refer to LW332	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LW6354	Refer to LW332	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
LW6424	Refer to LW345	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	
LW6454	Refer to LW345	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	-	-	-	-	
LW9226	774.0.0.1211289	H.264 MJPEG	1	704x576	2-way	4/2	Yes	Yes	-	Yes	-	-	
LW9226I	Refer to LW9226	H.264 MJPEG	1	704x576	2-way	4/2	Yes	Yes	-	Yes	-	-	Supported by design
LW9228	Refer to LW9226	H.264 MJPEG	1	704x576	2-way	4/2	Yes	Yes	-	Yes	-	-	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
LW9228I	Refer to LW9226	H.264 MJPEG	1	704x576	2-way	4/2	Yes	Yes	-	Yes	-	-	Supported by design
LW9422	1632.0.0.120 5030	H.264 MJPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	Yes	-	-	
NOTE:	For LW9422: 1. PTZ will stop automatically when press button over 10sec. 2. Focus Near / Far need setup the Focus mode in camera's OSD 3. Adjust zoom speed is useless For LW9226 : 1. PTZ will stop automatically when press button over 10sec. 2. Focus Near / Far need setup the Focus mode in camera's OSD 2. Audio out impedance is too large. For LVS201: 1. QCIF has image noise at the bottom line.												

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Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NCD-2003PR	51110.2.126 2.100	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	-	
Note:	1. When set Anti-Flicker Mode to 50Hz, Mainconsole would get wrong Max of FPS(30). (Firmware issue) 2. PTZ only support Zoom/Focus												
NMX-2003P	51110.2.126 2.100	H.264 M-JPEG	1	1920x1080	-	-	Yes	Yes	Yes	-	-	-	
Note:	1. Getting bitrate value would not sync with camera's web. (Camera onvif issue) 2. Setting quality value would not sync with camera's web. (Camera onvif issue) 3. After setting parameter on camera, camera would restart for a while. After camera restart completed, then parameter can be got. 4. MD and I/O works only when http is 80.												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NDR-891											-		
NCB855PRO	AP_01-00-60-25A_MS03	H264, MJPEG, MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
Note:	1.Set parameter will take 10 sec or more to setup 2.Get parameter may wrong after set parameter 3.Broken textures on connected in 1~4sec at MPEG4 4.Not support auto detection 5.Setup bit rate of MPEG4 will response wrong parameter												
NCC800	AP_01-00-60-25B_MS03	H264, MJPEG, MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	Yes	
Note:	1.Set parameter will take 10 sec or more to setup 2.Get parameter may wrong after set parameter 3.Broken textures on connected in 1~4sec at MPEG4 4.Not support auto detection												
NCB858	Refer to NCR878 (AP_01-00-62-18_MS05)	H.264 MJPEG MPEG4	1	2592x1944	1-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
NCR870	AP_01-00-62-18_MS00-01N	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes	
Note:	1.Set parameter will take 10 sec or more to setup. 2.Get parameter may wrong after set parameter. 3.The setting of framerate is 30, but actual recieving framerate is only 15.												
NCR875PRO	AP_01-00-60-25A_MS03	H264, MJPEG, MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	
Note:	1.Set parameter will take 10 sec or more to setup 2.Get parameter may wrong after set parameter 3.Broken textures on connected in 1~4sec at MPEG4 4.Not support auto detection 5.Setup bit rate of MPEG4 will response wrong parameter												
NCR878	AP_01-00-62-18_MS05	H.264 MJPEG MPEG4	1	2592x1944	1-way	2/1	-	Yes	Yes	-	-	Yes	
Note:	1.Set parameter will take 10 sec or more to setup. 2.Get parameter may wrong after set parameter. 3.Not support talk.												
NDF820	Refer to NCR870(AP_01-00-62-18_MS00-01N)	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes	Supported by design
Note:	1.Set parameter will take 10 sec or more to setup. 2.Get parameter may wrong after set parameter. 3.The setting of framerate is 30, but actual recieving framerate is only 15.												
NDF821	Refer to NDR891 (AP_01-00-60-25A_MS02)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
NDF821PRO	Refer to NCR875PRO (AP_01-00-60-25A_MS03)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design

Model	Firmware	Codec	Ch	Resolution	Audio	DI/DO							
NDF831	Refer to NDR891 (AP_01-00-60-25A_MS02)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
NDF831PRO	Refer to NCR875PRO (AP_01-00-60-25A_MS03)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
NDR891	AP_01-00-60-25A_MS02	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	
Note:	1.Set parameter will take 10 sec or more to setup 2.Get parameter may wrong after set parameter 3.Broken textures on connected in 1~4sec at MPEG4 4.Not support auto detection 5.Setup bit rate of MPEG4 will response wrong parameter												
NDR891PRO	Refer to NCR875PRO (AP_01-00-60-25A_MS03)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
NIC910HPRO		MPEG4 M-JPEG H.264	1	720x480	-	-	Yes	-	-	-	-	-	Supported by design
NIC930HPRO	A1D-310-V4.09.22-NB	MPEG4 M-JPEG H.264	1	720x480	-	-	Yes	-	Yes	-	-		
Note:	UPNP need setting camera name the same with model name from the UPnP page camera web interface												
NIC950HPRO	A1D-310-V4.12.09-NB	MPEG4 M-JPEG H.264	1	720x480	2-way*2	-	Yes	Yes	-	-	-	-	
Note:	1.Not support UPnP 2.Not support auto detection 3.Not support motion detection on MJPEG 4.Not support DI and DO												
NIC990	M.0.2.5	M-JPG H264	1	1920x1080	PCM, G711-Alaw, G711-Ulaw	DI:6 DO:1	Yes	Yes	Yes	Yes	-	-	

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Liveview Buffering	Remarks
HD-PRO302DN	DC Standard	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
HD-PRO310DNW	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO332DNW	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO350DNW	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO350DNW/H	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO350DNW/IR	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO350DNW/IR/H	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO351DNW/H	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO351DNW/IR/H	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO352DNW	mw20140703NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO352DNW/IR	mw20140703NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO370W	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO370WOUT	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO392DNW/V	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO410DNW/H	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO410DNW/H-POE	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO518DN	mw20140703NSA	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	-	Yes	Supported by design
HD-PRO610DNW	mw20140703NSA	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO692DNW/V/IR	mw20140703NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO710DNW	mw20140703NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
HD-PRO750DNW	mw20140703NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO750DNW/IR	mw20140703NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO810DNW/H	mw20140703NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design

HD-PRO810DNW /H/M	mw2014070 3NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
HD-PRO890	mw2014070 3NSA	H.264, MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
Note:	Fisheye camera											
HD-PRO890/OUT	mw2014070 3NSA	H.264, MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
Note:	Fisheye camera											

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D12D-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	-	-	-	-		Supported by design
D12D-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-		Supported by design
D14D-Sec	MX-V4.1.0.2	MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-		
D15D-Sec	Refer to D15D-Sec-Dnight(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*		Supported by design
Note:	Fisheye camera												
D15D-Sec-Dnight	MX-V4.1.9.29	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*		
Note:	Fisheye camera												
D15D-Sec-Night-Pano	Refer to D15D-Sec-Dnight(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*		Supported by design
Note:	Fisheye camera												
D15D-Sec-Pano	Refer to D15D-Sec-Dnight(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*		Supported by design
Note:	Fisheye camera												
D22M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	-	-	-	-		Supported by design
D22M-IT	MX-V3.4.0.9	MxPEG M-JPEG	1	640x480	1-way	-	-	-	-	-	-		
D22M-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-		Supported by design
D24M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	-	-	-	-		Supported by design
D24M-IT		MxPEG M-JPEG	1	640x480	1-way	2/2	-	-	-	-	-		Supported by design
D24M-Sec	MX-V4.0.1.15	MxPEG M-JPEG	1	2048x1536	1-way	2/2	-	-	-	-	-		
Generic	MX-V4.1.9.29	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	-		
Note:	Support generic dewarp												
M10D	M10-V2.2.2.17	MJPEG	1	2048x1536	1-way	-	-	-	-	-	-		
M12D-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	-	-	-	-		Supported by design
M12D-Sec	MX-V3.4.0.9	MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-		

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
M12D-Web		MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-		Supported by design
M15D-Sec	4.3.4.5	MxPEG M-JPEG	1	3072x2048	1-way	2/2	-	*2	*2	-	Yes*	-	
Note:	1. Does not support rotate. (NUUO server limitation) 2. The camera with higher quality and resolution is unable to achieve the fps which users set for all streams. (Camera Firmware issue) 3. The 2nd and 3rd stream resolution will depends on 1st stream resolution setting. For example, if users set the resolution of 1st stream to 2048*1536(the ratio of height and width is 4:3) and 2nd stream resolution is 1920*1080, the 2nd stream resolution will become 1440*1080(4:3) instead of 1920*1080(16:9). (Camera performance limitation)												
M15D-Sec-DNight	Refer to M15D-Sec(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*		Supported by design
Note:	Fisheye camera												
M15M-Sec	Refer to M15D-Sec(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*	-	Supported by design
Note:	Fisheye camera												
M22M-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	-	-	-	-	-	Supported by design
M22M-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-	-	Supported by design
M24M-Sec	MX-V4.0.4.28	MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	-	-	-	
Note:	1.Mobotix camera will not support rotate after DP v2.3. 2.Audio only support on MxPEG. 3.Motion event works abnormal until first time trigger.												
Q22M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	-	-	-	-	-	Supported by design
Note:	Fisheye camera												
Q22M-Sec	MX-V3.4.5.10	MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-	-	
Note:	Fisheye camera												
Q24-Sec	MX-V4.0.1.7	MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	-	-	-	
Note:	Fisheye camera												
Q25M-Secure	MX-V4.1.10.35	MxPEG M-JPEG	1	2048X1536	2-way	2/2	Yes	Yes	-	-	Yes*	-	
Note:	1. Fisheye camera 2. When display mode is panorama, move will become vague.												
S14D-Sec	Refer to S15D-Sec(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	-	-	Supported by design
Note:	Fisheye camera												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
S14D-Sec-Night	Refer to S15D-Sec(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	-	-	Supported by design
Note:	Fisheye camera												
S14M-Sec	Refer to S15D-Sec(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	-	-	Supported by design
Note:	Fisheye camera												
S15D-Sec	MX-V4.1.9.29	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*	-	
Note:	Fisheye camera												
S15M-Sec	Refer to S15D-Sec(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*	-	Supported by design
Note:	Fisheye camera												
S15M-Sec-Night	Refer to S15D-Sec(MX-V4.1.9.29)	MxPEG M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	Yes*	-	Supported by design
Note:	Fisheye camera For M15D-Sec, S15D-Sec, D15D-Sec: 1. (Camera issue): The camera with higher quality and resolution is unable to achieve the fps which users set for all streams 2. (Known issue): The actual sub-stream resoluton depend on 1st stream resolution value . For example, if users set the resolution of 1st stream to 2048*1536(the ratio of height and width is 4:3) and 2nd stream resolution is 1920*1080, the 2nd stream resolution will become 1440*1080(4:3) instead of 1920*1080(16:9)												
T25M-Secure	MX-V4.1.10.35	MxPEG M-JPEG	1	2048x1536	2-way	2/2	Yes	Yes	-	-	Yes*	-	
Note:	1. Fisheye camera 2. When display mode is panorama, move will become vague.												
Note:	For All Model: 1. For display mode, plesae set on the Mobotix web setting page first. 2. No Support Audio from Camera when video format is MJPEG. 3. Using ExtIO, plesae set on the Mobotix web setting page first.												

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- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
HMNC100	00910	H.264	1	1280x720	-	-	-	-	Yes	-	Yes	-	
Note:	1. When setting FPS to 6~9, Camera will achieve maximum FPS. (Camera firmware issue) 2. Bitrate setting is not work. (Camera firmware issue) 3. Camera UPNP search failure. (Camera firmware issue) 4. No quality options in VBR mode. (Camera firmware issue) 5. Motion are not supported. (Camera firmware issue)												
HMNC500	00910	H.264	1	1280x720	1-way	-	-	-	Yes	-	Yes	-	
Note:	1: When setting FPS to 6~9, Camera will achieve maximum FPS.(Camera firmware issue) 2. Quality options for CBR mode is not work. (Camera firmware issue) 3. Not support motion. (Camera firmware issue) 4. Camera UPNP search failure. (Camera firmware issue)												

- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support												
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Remarks
IP36MDO M3MPX	1.0.0.5 20160727	H.264	1	2048x1536	*2	-	-	*2	*2	-	Yes*	
Note:	1. The bitrate list can not sync. with camera's web. (Camera firmware issue) 2. The framerate list can not sync. with camera's web. (Camera firmware issue)											

ONVIF

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
AXIS	P3301	5.11	M-JPEG H.264	1	640x480		-	Yes	
Basler	BIP2-1600-25c-DN	3.14.1	M-JPEG H.264	1	1600x1200	-	Yes	-	
Note:	1. The I/O number is 0 in onvif/onvif. (Camera Firmware Issue) 2. Only one stream profile in onvif/onvif (Camera Firmware Issue) 3. Not suuport MPEG4 in onvif/onvif (Camera Firmware Issue) 4. Not support motion. (Camera Firmware Issue) 5. Not support audio but software shows enable/disabe audio option. (Camera Firmware Issue) 6. The list of camera Resolution isn't synchronized with the one on camera's web. (Camera Firmware Issue) 7. Cannot connect video when FPS >= 2. (Camera firmware issue) 8. The list of camera Framerate isn't synchronized with the one on camera's web. 9. Not support http but software shows http option at protocol setting. (NUUO software limitation) 10.Cannot connect video streaming if RTSP port is changed (Camera firmware issue)								
Bosch	NWC-0455	19500410	M-JPEG H.264	1	704x576		-	-	
Canon	VB-H41	Ver. 1.0.0 (Build Number 2483:50)	M-JPEG	1	1920x1080	-	Yes*	-	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) 2. Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation) 3. Snapshot does not support. (NUUO server limitation)								
Canon	VB-H710F	Ver. 1.2.0 (Build Number 3015:109)	M-JPEG	1	1920x1080	-	Yes*	-	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) 2. Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation) 3. PTZ only support focus. 4. Motion does not support. (Camera firmware issue) 5. Talk may have muted-sound sometime. (Camera firmware issue) 6. Camera is unable to achieve maximum FPS. (Camera firmware issue)								
Canon	VB-S30D	Ver. 1.0.0 (Build Number	M-JPEG	1	1920x1080	-	Yes*	Yes	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) 2. Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation) 3. Motion does not support. (Camera firmware issue)								
Canon	VB-S800D	Ver. 1.0.0 (Build Number:	M-JPEG	1	1920x1080	-	Yes*	Yes	
Dallmeier	DDZ40SM-HD		M-JPEG H.264	1	1920x1080		-	-	Tested by manufacturer

Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
			- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support						
Dlink	DCS-C43W-20F/B02	V4.02.R11.0 0000523.120 10	H.264	1	1280x720	-	Yes*	-	
Dlink	DCS-C90R-10F/A0	V4.02.R11.0 0001900.100 10	*2	1	*2	*2	*2	-	
Everfocus	EAN3200	1.0.9	M-JPEG H.264	1	1440x1080		-	Yes	
Everfocus	EDN3240	1.0.11	M-JPEG H.264	1	1920x1080		-	Yes	
Everfocus	EQN2200	1.0.27	M-JPEG H.264	1	720x480		-	Yes	
Everfocus	EQN2201		M-JPEG H.264	1	720x480		-	Yes	Supported by design
Everfocus	EHN3200	1.0.14	M-JPEG H.264	1	1920x1080		-	Yes	
Everfocus	EZN3240	1.0.14	M-JPEG H.264	1	1440x1080		-	Yes	
Histream	HH9803C-L16	v2.3.1.4.0.22	M-JPEG H.264	1	704x480	-	Yes*	-	
Note:	-								
Jetstor	JV-B1201R	V6.03.05-CGBO24200-1210	M-JPEG H.264	1	1920x1080	-	Yes*	-	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. 2. 2nd and 3rd cannot set to different resolution.								
Jetstor	JV-OSD0200-X20	V6.03.05-CGBO24200-1228	H.264 MJPEG	1	1920x1080	-	Yes*	Yes	
LILIN	LD2222	1.1.16	H.264 MJPEG	1	1920x1080	-	Yes*	Yes	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) 2. Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation) 3. Motion detection may always trigger continuously. (Camera firmware issue)								
LILIN	IPD2322ESX	1.0.60	H.264 MJPEG	1	1920x1080	-	Yes*	Yes	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) 2. Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation)								
LILIN	IPD112ESX	0.0.60	M-JPEG H.264	1	1280x768		-	Yes	
LILIN	IPD552EX	0.3.58	M-JPEG H.264	1	720x576		-	Yes	

Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
					- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support				
LILIN	IPR414ESX		M-JPEG H.264	1	1280x768		-	Yes	
LILIN	IPR418ESX	0.0.60	M-JPEG H.264	1	1280x768		-	Yes	
LILIN	IPR454		M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPR458	0.3.58	M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPS025		M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPS030		M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPS035		M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPS125	0.3.58	M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPS130		M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPS135		M-JPEG H.264	1	720x576		-	Yes	
LILIN	IPS203		M-JPEG H.264	1	720x480		-	Yes	
LILIN	IPS212	0.3.58	M-JPEG H.264	1	720x480		-	Yes	
Note:	Lilin IPS025, IPS030, IPS035, IPS125, IPS130, IPS135, IPS203 and IPS212: PTZ function only supports pan, tilt and zoom.(Do not support autopan, focus, preset point, etc.)								
LILIN	IPS518	1.2.02	M-JPEG H.264	1	1920x1080	-	Yes*	-	
Note:	1. The range of bitrate and frame rate may be different from what camera web shows. (Camera Firmware issue) 2. Image setting, digital input, talk and motion detection do not function. (Camera Firmware issue) 3. Zoom and focus do not function normally. (Camera Firmware issue) 4. Video settings may not be synchronized to camera web. (Camera Firmware issue) 5. Audio is not available under TCP and UDP. (Camera performance limitation) 6. Autodetection and camera search do not function. (Generic model) 7. The camera supports 4 streams, while only 3 streams could be displayed. (NUUO server limitation) 8. Some frame rates and bit rates cannot be set. (ONVIF limitation) 9. Dependency between frame rate and bitrate is not shown. (ONVIF limitation) 10. Flip and mirror are not supported. (ONVIF limitation)								
Messoa	NDF820		MPEG4 M-JPEG H.264	1	2048x1536		-	Yes	Tested by manufacturer
Messoa	NDF821		MPEG4 M-JPEG H.264	1	2048x1536		-	Yes	Tested by manufacturer
Messoa	NCR870		MPEG4 M-JPEG H.264	1	2048x1536		-	Yes	Supported by design

Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
					- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support				
Messoa	NDR831		MPEG4 M-JPEG H.264	1	2048x1536		-	Yes	Supported by design
Messoa	NDR891		MPEG4 M-JPEG H.264	1	2048x1536		-	Yes	Supported by design
Messoa	NCB855PRO		MPEG4 M-JPEG H.264	1	2048x1536		-	Yes	Supported by design
Messoa	NCR875PRO		MPEG4 M-JPEG H.264	1	2048x1536		-	Yes	Supported by design
Onvif	Onvif		-	-	-		-	-	
Note:	Fisheye camera ONVIF specification must be fully implemented by camera vendors in order to be supported by NUUO software. To confirm the compatibility, it is recommended to execute testing prior to any further usage. 1. Some frame rates and bit rates cannot be set. (ONVIF limitation) 2. Dependency between frame rate and bit rate cannot be shown. (ONVIF limitation) 3. The bit rate mode cannot be switched among constant bit rate (CBR), variable bit rate (VBR) and average bit rate (AVR). (ONVIF limitation) 4. The pin index of DI and DO may be different from camera spec since the indexing rule is unknown. (ONVIF limitation) 5. The numbers of DI and DO are fixed to 4. (NUUO software limitation) 6. Talk function is not supported if the camera does not support backchannel. (ONVIF limitation) 7. May not support http but software shows the http option at protocol setting. (NUUO software limitation)								
PROBE	PIC-500	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PIC-501	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PIC-H1310T	Refer to PMI-H2000	M-JPEG H.264	1	1280X720		-	Yes	Supported by design
PROBE	PIC-H2010T	Refer to PMI-H2000	M-JPEG H.264	1	1920x1072		-	Yes	Supported by design
PROBE	PID-500	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PID-501	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PID-H1000	Refer to PMI-H2000	M-JPEG H.264	1	1280X720		-	Yes	Supported by design
PROBE	PID-H2010T	Refer to PMI-H2000	M-JPEG H.264	1	1920x1072		-	Yes	Supported by design

Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
PROBE	PIK-H2010T	Refer to PMI-H2000	M-JPEG H.264	1	1920x1072		-	Yes	Supported by design
PROBE	PIK-H2010T	Refer to PMI-H2000	M-JPEG H.264	1	1920x1072		-	Yes	Supported by design
PROBE	PIN-H1310T	Refer to PMI-H2000	M-JPEG H.264	1	1280X720		-	Yes	Supported by design
PROBE	PIN-H2010T	Refer to PMI-H2000	M-JPEG H.264	1	1920x1072		-	Yes	Supported by design
PROBE	PIP-H1000	Refer to PMI-H2000	M-JPEG H.264	1	1280X720		-	Yes	Supported by design
PROBE	PIS-400	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PK-H1310T	Refer to PMI-H2000	M-JPEG H.264	1	1280X720		-	Yes	Supported by design
PROBE	PMI-400	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PMI-403	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PMI-410	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PMI-H2000	V0.24.73_20110909	M-JPEG H.264	1	1920x1072		-	-	
PROBE	PTI-400	Refer to PMI-H2000	M-JPEG H.264	1	704x576		-	Yes	Supported by design
PROBE	PTI-401	Refer to PMI-H2000	M-JPEG H.264	1	704x576	-	-	Yes	Supported by design
PROBE	PTI-402	Refer to PMI-H2000	M-JPEG H.264	1	704x576	-	-	Yes	Supported by design
PROBE	PTI-403	Refer to PMI-H2000	M-JPEG H.264	1	704x576	-	-	Yes	Supported by design
PROBE	PTI-500	Refer to PMI-H2000	M-JPEG H.264	1	704x576	-	-	Yes	Supported by design
PROBE	PTI-501	Refer to PMI-H2000	M-JPEG H.264	1	704x576	-	-	Yes	Supported by design
PROBE	PTI-502	Refer to PMI-H2000	M-JPEG H.264	1	704x576	-	-	Yes	Supported by design
PROBE	PTI-503	Refer to PMI-H2000	M-JPEG H.264	1	704x576	-	-	Yes	Supported by design
PROBE	PTI-H1302	Refer to PMI-H2000	M-JPEG H.264	1	1280X720	-	-	Yes	Supported by design
PROBE	PTI-H2100	Refer to PMI-H2000	M-JPEG H.264	1	1920x1072	-	-	Yes	Supported by design

		- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support							
Brand	**Device Name**	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
Qihan	**QH-NV431**	v2.3.8.1	H.264	1	1920x1080	-	Yes*	-	
Note:	1. Due to Onvif restriction, some bit rates cannot be set. 2. 2nd or 3rd stream cannot be connected when 1st stream under high bitrate.								
Stanley	**1310-F**	NSD-1.0.9.58	H.264	1	1280x720	-	Yes*	-	
TVT	**TD9412M**	3.4.0Beta6	H.264	1	1280x720	-	Yes*	-	
TVT	**TD9422M**	3.4.0Beta6	H.264	1	1920x1080	-	Yes*	-	
Tyco	**ADVEIPSD37AH**	V1.04_STD-1	H.264 MJPEG	1	704x480	-	Yes*	-	
Note:	1.Due to Onvif restriction, some frame rate and bit rates cannot be set. 2.Camera web MJPEG has no quality options.								
Wapa	**HH9803BL-C7HA1080IL-T18C-L16**	V6.03.05-CGBO24200-1210	M-JPEG H.264	1	1920x1080	-	Yes*	-	
Note:	1. Due to Onvif restriction, some bit rates cannot be set. 2. Framerate setting has no effect on streaming.								
Note:	ONVIF specification must be fully implemented by camera vendors in order to be supported by NUUO software. To confirm the compatibility, it is recommended to execute testing prior to any further usage. The above products have been already verified by NUUO.								
Note:	Version 1.02 can be backward compatible to version 1.01								

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
BB-HCE481		M-JPEG	1	640x480	2-way	2/1	-	Yes	Yes	-	-	-	Supported by design
BB-HCM100		M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	-	-	-	Supported by design
BB-HCM110		M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	-	-	-	Supported by design
BB-HCM311		M-JPEG	1	640x480	2-way	2/1	Yes	Yes	Yes	-	-	-	Supported by design
BB-HCM331	1.3	M-JPEG	1	640x480	2-way	2/1	Yes	Yes	Yes	-	-	-	
BB-HCM371		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	-	-	-	Supported by design
BB-HCM381	1.32	M-JPEG	1	640x480	2-way	1/1	Yes	Yes	Yes	-	-	-	
BB-HCM403		M-JPEG	1	640x480	2-way	2/1	-	Yes	Yes	-	-	-	Supported by design
BB-HCM511	3.20R01	MPEG4 M-JPEG	1	640x480	2-way	2/1	Yes	Yes	Yes	-	-	Yes	
BB-HCM515	3.14R01	MPEG4 M-JPEG	1	1280x1024	2-way	2/1	-	Yes	Yes	-	-	Yes	
Note:	No audio support in M-JPEG format @ 1280x1024.												
BB-HCM527	3.51R00	MPEG4 M-JPEG	1	640x480	2-way	2/1	-	Yes	Yes	-	-	Yes	
BB-HCM531	3.51R00	MPEG4 M-JPEG	1	640x480	2-way	2/1	-	Yes	Yes	-	-	Yes	
BB-HCM547	3.60R00	MPEG4 M-JPEG	1	640x480	2-way	2/1	Yes	Yes	Yes	-	-	Yes	
BB-HCM580		MPEG4 M-JPEG	1	640x480	2-way	2/1	-	Yes	Yes	-	-	Yes	Supported by design
BB-HCM581	3.21R00	MPEG4 M-JPEG	1	640x480	2-way	2/1	YYZ	Yes	Yes	-	-	Yes	
BB-HCM701	4.30R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	-	-	Yes	
BB-HCM705	4.30R00	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/0	Yes	Yes	Yes	-	-	Yes	
BB-HCM715	4.30R00	H.264 MPEG4 M-JPEG	1	1280x960	2-way	2/1	Yes	Yes	Yes	Yes	-	Yes	
BB-HCM735	4.30R00	H.264 MPEG4 M-JPEG	1	1280x960	2-way	2/1	Yes	Yes	Yes	Yes	-	Yes	
BB-HCS301		M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	-	Supported by design
BB-SC384B	V4.63	H.264	1	1280x960	X	3/1	Yes	Yes	Yes	Yes	Yes*	0	
Note:	1. Can not set bitrate to lower than 128kbps for stream 1. (Camera firmware issue) 2. Audio out works fail. (Camera firmware issue)												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
BB-SC382	refer to BB-SC384B (V4.63)	H.264	1	1280x960	X	3/1	Yes	Yes	Yes	Yes	Yes*	0	Supported by design
BB-ST162	refer to WV-ST162(1 Application:	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	-	-	Yes	Supported by design
BB-SW172	refer to WV-ST162(1 Application:	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	-	-	Yes	Supported by design
BL-C1		M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	-	Supported by design
BL-C10		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	-	-	-	Supported by design
BL-C20		M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	-	Supported by design
BL-C30		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	-	-	-	Supported by design
BL-C101	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	-	-	Yes	
BL-C111	3.10R01	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	-	-	Yes	
BL-C121	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	Yes	
BL-C131		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	-	Yes	Supported by design
BL-C140	3.51R00	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	Yes	
BL-C160	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	Yes	
BL-C210	4.31R00	M-JPEG MPEG4 H.264	1	640x480	1-way	-	Yes	Yes	Yes	-	-	Yes	
BL-C230		M-JPEG MPEG4 H.264	1	640x480	1-way	-	Yes	Yes	Yes	-	-	Yes	Supported by design
BL-VP101	Application: 1.67	H264 MJPEG	1	640x480	-	-	-	Yes	-	-	-	Yes	
BL-VP104	Application: 1.67	H264 MJPEG	1	1280x720	-	-	-	Yes	-	-	-	Yes	
BL-VP104W	refer BL-VP104(FW Application: 1.67)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	-	-	Yes	Supported by design
BL-VT164	Application: 1.81	H264 MJPEG	1	1280x720	2-way	-	Yes	Yes	-	-	-	Yes	
BL-VT164W	refer BL-VT164(FW Application:	H264 MJPEG	1	1280x720	2-way	-	Yes	Yes	-	-	-	Yes	Supported by design
DG-GXE100	2.02	H.264	1	720x480	-	-	*2	Yes	*2	*2	Yes*	-	
DG-NF284		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	-	-	-	Yes	Supported by design
DG-NF302	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	-	-	-	Yes	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
DG-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	-	-	-	-	Supported by design
DG-NP244	1.70J2	MPEG4 M-JPEG	1	640x480	1-way	-	-	-	-	-	-	-	
DG-NP304	1.5	MPEG4 M-JPEG	1	1280x960	2-way	-	-	-	-	-	-	Yes	
DG-NS202		MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	Yes	Supported by design
DG-NS202A	2.60J3	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	Yes	
DG-NS950	1.5	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	-	
DG-NS954	1.5	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	-	
DG-NW960	1.5	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	-	
DG-NW964	1.5	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	-	
DG-SC385	Refer to WV-SC385 1 Application:	M-JPEG MPEG4 H.264	1	1280x960	*2	*2	Yes	Yes	-	Yes	-	Yes	Supported by design
DG-SF132	Refer to WV-SP102(1 Application: 1.81 2 Image data: 1.03)	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	Yes	Supported by design
DG-SF334	1.00	M-JPEG MPEG4 H.264	1	1280x960	1-way	-	-	Yes	-	-	-	-	
DG-SP102	Refer to WV-SP102(1 Application:	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	Yes	Supported by design
DG-SW155	Refer to WV-SW155/M	MJPEG H264	1	1280x960	-	-	-	Yes	-	-	-	Yes	Supported by design
K-EF134L	V2.42	MJPEG H264	1	1280x960	-	-	-	Yes	-	-	Yes*	Yes	
Note:	1. The bit-rate values in the combo box are not all valid, users have to choose a valid one (the range can be get from the web of the device) while setting. (NUUO Server limitation) 2. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue) 3. When format is MJPEG, and resource is too much, the image is not complete. (Camera performance limitation)												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
K-EW114L	2.420.PS00.0.T, build:2014-09-19	MJPEG H264	1	1280x960	-	-	-	*2	*2	-	Yes*	Yes	
Note:			1. The bit-rate values in the combo box are not all valid, users have to choose a valid one (the range can be get from the web of the device) while setting. (NUUO Server limitation) 2. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera Firmware issue)										
KX-HCM110		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	-	-	-	Supported by design
KX-HCM280A		M-JPEG	1	640x480	-	1/1	-	Yes	Yes	-	-	-	Supported by design
WJ-GXE500	1.04	M-JPEG MPEG4 H.264	4	D1:720x480 VGA:640x480	2-way	*1	Yes	Yes	-	-	-	-	
WJ-NT304	1.04	M-JPEG	4	640x480	-	-	Yes	-	-	-	-	-	
WJ-NT314		M-JPEG	4	640x480	1-way	-	Yes	-	-	-	-	-	Supported by design
WV-NF284	v1.02	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	-	-	-	Yes	
WV-NF302	1.40E4_1.06	MPEG4 M-JPEG	1	1280x960	2-way	-	-	Yes	-	-	-	Yes	
WV-NM100		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	-	Supported by design
WV-NP1000		M-JPEG	1	1280x960	1-way	-	-	-	-	-	-	-	Supported by design
WV-NP1004	1.21	M-JPEG	1	1280x960	1-way	-	-	-	-	-	-	-	
WV-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	-	-	-	-	Supported by design
WV-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	-	-	-	Yes	Supported by design
WV-NP304	1.50E5_1.06	MPEG4 M-JPEG	1	1280x960	2-way	-	-	Yes	-	-	-	Yes	
WV-NP472		M-JPEG	1	640x480	-	-	-	-	-	-	-	-	Supported by design
WV-NP502	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	-	-	Yes	-	-	-	Yes	
WV-NS202		MPEG4 M-JPEG	1	640x480	2-way	-	Yes	Yes	-	-	-	Yes	Supported by design
WV-NS202A	2.6	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	Yes	
WV-NS324	2.01	M-JPEG	1	640x480	-	-	Yes	-	-	Yes	-	-	
WV-NS950	1.5	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
WV-NS954	1.06E0	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	Yes	
Note:	Audio is abnormal in MPEG4 format.												
WV-NW484	1.10ED	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	Yes	
WV-NW502S	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	-	-	Yes	-	-	-	Yes	
WV-NW960	1.5	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	-	-	-	-	-	
WV-NW964	1.40E3	MPEG4 M-JPEG	1	640x480	2-way	-	Yes	Yes	-	-	-	Yes	
WV-SC384	1.46	M-JPEG MPEG4 H.264	1	1280x960	2-way	0~3/0~1	Yes	Yes	-	Yes	-	Yes	Supported by design
WV-SC385	Application: 2.10 Driver: 1.54	H.264	1	1280x960	2-way	3/1	Yes	Yes	Yes	Yes	Yes*	Yes	
Note:	1. Brightness value may not sync with web. (Camera Firmware issue) 2. Bit Rate Control(Transmission priority) only support Constant bit rate & Frame rate. (NUUO server limitation) 3. The flip status on camera web is opposite to server. (Camera Firmware issue)												
WV-SC386	1 Application: 1.44 2 Driver: 1.12	M-JPEG MPEG4 H.264	1	1280x960	2-way	0~3/0~1	Yes	Yes	-	Yes	-	-	
WV-SF132	Refer to WV-SP102(FW1 Application:	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	Yes	Supported by design
WV-SF135	Refer to WV-SW155/M	MJPEG H264	1	1280x960	-	-	-	Yes	-	-	-	Yes	Supported by design
WV-SF332		M-JPEG MPEG4 H.264	1	1280x960	2-way	0~1/0~1	-	Yes	-	-	-	-	Supported by design
WV-SF335		M-JPEG MPEG4 H.264	1	1280x960	2-way	0~1/0~1	-	Yes	-	-	-	-	Supported by design
Note:	WV-SF355 include WV-SF335E												
WV-SF336	1.05	M-JPEG MPEG4 H.264	1	1280x960	2-way	*1	-	Yes	-	-	-	-	
WV-SF342		M-JPEG MPEG4 H.264	1	1280x960	2-way	*1	-	Yes	-	-	-	-	Supported by design
WV-SF346		M-JPEG MPEG4 H.264	1	1280x960	2-way	*1	-	Yes	-	-	-	-	Supported by design
WV-SF438	1 Application: 1.04 2 Image data: 1.12	H264 MJPEG	1	2048x1536	2-way	3/1	-	Yes	-	-	-	Yes	

- : not avaliable on camera
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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	Talk cannot use G726 16 kbps Fisheye camera												
WV-SF539	1 Application: 1.60 2 Image data:	H.264	1	1920x1080	*2	*2	-	Yes	*2	-	Yes*	-	
Note:	1. Brightness value may not sync with web. (Camera Firmware issue) 2. We tested on camera web with the following parameters, and found camera will disconnect or image will delay.The following link lists some issus: https://docs.google.com/spreadsheets/d/1Ri44tFID29DKYhf-s6VQhDlmfYycbLV8nuhpASVlksw/edit#gid=0 3. The 2nd stream cannot be set and connect while the image mode is 3mega pixel.(Camera Firmware issue)												
WV-SFN310	V1.71	H.264	1	1280x960	1-way	3/1	-	Yes	-	-	Yes*	-	
Note:	1. Setting higher bitrate may be fail (Camera firmware issue) 2. When 60fps mode , H.264(1) bitrate cannot be set less than 1024 (Camera firmware issue) 3. No Audio when audio codec is AAC (NUUO server limitation)												
WV-SFN311	refer to WV-SFN310(1.71)	H.264	1	1280x960	1-way	3/1	-	Yes	-	-	Yes	-	Supported by design
WV-SFN310J	refer to WV-SFN310(1.71)	H.264	1	1280x960	1-way	3/1	-	Yes	-	-	Yes	-	Supported by design
WV-SFV481	1.12	H.264	1	2992x2992	2-way	3/1	-	Yes	Yes	-	Yes*	-	
Note:	Fisheye camera 1. Brightness Value may not sync with Camera Web Interface.(Camera Firmware issue) 2. Audio out 16Kbps was not supported.(NUUO server limitation) 3. Digital in and Digital out can not trigger continuously.(Camera Firmware issue)												
WV-SFV611L	Refer to WV-SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	-	Yes*	-	Supported by design
WV-SFV631L	1.83	H.264	1	2048x1536	*2	3/1	-	Yes	*2	-	Yes*	-	
Note:	1. The bitrate list doesn't match the camera web.(Camera Firmware issue) 2. Zoom & focus can't be usde.(Camera Firmware issue) 3. Brightness value may not sync with web.(Camera Firmware issue)												
WV-SFV631LT	Refer to WV-SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	-	Yes*	-	Supported by design
WV-SP102	1 Application: 1.81 2 Image data:	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	-	-	Yes	Tested by link
WV-SP105	1 Application: 1.61 2 Image data:	M-JPEG H.264	1	1280x960	-	-	-	Yes	-	-	-	Yes	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
WV-SP302		M-JPEG MPEG4 H.264	1	1280x960	2-way	*1	-	Yes	-	-	-	-	Supported by design
WV-SP305		M-JPEG MPEG4 H.264	1	1280x960	2-way	*1	-	Yes	-	-	-	-	Supported by design
WV-SP306	1.04	M-JPEG MPEG4 H.264	1	1280x960	2-way	*1	-	Yes	-	-	-	-	
WV-SP508	1Application: 1.05 2 Image data: 2.05	MJPEG H264	1	2048x1536	-	0~1/0 ~1	-	Yes	-	-	-	-	Tested by link
WV-SP509	1Application: 1.07 2 Image data: 2.11	MJPEG H264	1	2048x1536	2-way	0~3/0 ~1	-	Yes	-	-	-	-	
WV-SPN311	V1.71	H.264	1	1280x720	2-way	3/1	-	Yes	Yes	-	Yes	-	
WV-SPN631	Refer to WV-SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	-	Yes*	-	Supported by design
WV-SPW631L	Refer to WV-SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	-	Yes*	-	Supported by design
WV-ST162	1 Application: 1.81 2 Image data:	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	-	-	Yes	Tested by link
WV-ST165	1Application: 1.44 2 Image data:	MJPEG H264	1	1280x960	2-way	0~3/0 ~1	Yes	Yes	-	-	-	-	Tested by link
WV-SW152/M	Refer to WV-SW155/M	MJPEG H264	1	1280x960	=B112 ·M112	-	-	-	-	-	-	-	Supported by design
WV-SW155	2.02	H.264	1	1280x720	-	*2	-	Yes	*2	-	Yes*	-	
Note:	Brightness value may not sync with web. (Camera Firmware issue)												
WV-SW155/M	1.06	MJPEG H264	1	1280x960	-	-	-	-	-	-	-	Yes	Tested by link
WV-SW158	1.07	H.264 MJPEG	1	2048x1536	1-way	-	-	Yes	Yes	-	Yes*	-	
Note:	1. Mirror is not supported (Camera firmware issue) 2. It may have chance to fail to set higher bitrate (Cammera firmware issue)												
WV-SW172	Refer to WV-ST162(FW1 Application:	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	-	-	Yes	Supported by design
WV-SW174W	1.81	MJPEG H264	1	1280x960	2-way	0~3/0 ~1	Yes	Yes	Yes	-	-	-	
Note:	WV-SW174W Camera constraint: MJPEG framerate is affeced by h264 stream. If h264 stream(1 or 2) open, MJPEG support 5 fps the most.												
WV-SW175	Refer to ST165	MJPEG H264	1	1280x960	2-way	0~3/0 ~1	Yes	Yes	-	-	-	-	Supported by design
WV-SW314	Refer to SW316/L	MJPEG H264	1	1280x960	-	-	-	Yes	-	-	-	-	Supported by design
WV-SW316/L	1Application: 1.46 2 Image data:	MJPEG H264	1	1280x960	2-way	0~1/0 ~1	-	Yes	-	-	-	-	Tested by link

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
WV-SW352		M-JPEG MPEG4 H.264	1	1280x960	2-way	*1	-	-	-	-	-	-	Supported by design
WV-SW355	1.01	M-JPEG MPEG4 H.264	1	1280x960	2-way	0~1/0~1	-	-	-	-	-	-	Tested by link
WV-SW395	Refer to WV-SC385(Applic	M-JPEG MPEG4	1	1280x960	2-way	*1	Yes	-	-	Yes	-	Yes	Supported by design
WV-SW396	1.44	M-JPEG MPEG4 H.264	1	1280x960	2-way	0~3/0~1	Yes	Yes	-	Yes	-	-	
Note:	WV-SW396 support continuous PTZ												
WV-SW458	V1.60	H.264	1	1920x1080	2-way	3/1	-	Yes	Yes	-	Yes*	-	
Note:	Fisheye camera 1. G726/16Kbps has noise. (NUUO server limitation) 2. Brightness value may not sync with web.(Camera firmware issue)												
WV-SW558	Refer to SP509	MJPEG H264	1	2048x1536	-	0~3/0~1	-	Yes	-	-	-	-	Supported by design
WV-SW559	Refer to SP509	MJPEG H264	1	2048x1536	2-way	0~3/0~1	-	Yes	-	-	-	-	Supported by design
WV-SW598	2.07	H.264	1	1920x1080	*2	*2	Yes	*2	*2	v	Yes*	-	
Note:	1. Brightness value may not sync with web.(Camera Firmware issue) 2. The flip status on camera web is opposite to server.(Camera Firmware issue) 3.The move function can not make live view to center. (Camera Firmware issue)												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
D5220	1.8.3.8-20121119.9320-A1.8614	M-JPEG H.264	1	1920x1080	*1	*1	Yes	*1	*1	-	-	-	
Note:	1. D5220 preset point name can't be changed, and would not sync with camera's web. 2. Video parameter (brightness, contrast, saturation…) would not meet the value on web completely.(+-1) 3. fps would not reach its setting when resolution or quality is high. 4. Need turn off second profile on web then parameter setting can be changed normally. 5. D5220 would cause Mainconsole unstable when changing protocol. (UDP->HTTP, HTTP->UDP)												
IBPS110-ER	03.29.59	H.264 MJPEG	1	800x600	*2	*2	Yes	*2	-	-	Yes*	Yes	
Note:	1. The resolution of stream 2 can not bigger than stream 1. (Camera limitation) 2. The actual resolution is 320*176 but the setting list will show 320*176 (Camera firmware issue) 3. Did not support image rotation. (Onvif limitation)												
IDE20		M-JPEG H.264	1	1920x1024	1-way	-	-	-	*1	-	-	-	Supported by design
IDS0		MPEG4 M-JPEG H.264	1	800x600	1-way	-	-	-	*1	-	-	-	Supported by design
IE10		M-JPEG H.264	1	1280x1024	1-way	-	-	-	*1	-	-	-	Supported by design
IE30		M-JPEG H.264	1	2048x1536	1-way	-	-	-	*1	-	-	-	Supported by design
IEE10		M-JPEG H.264	1	1280x1024	1-way	-	-	-	*1	-	-	-	Supported by design
IEE20		M-JPEG H.264	1	1920x1024	1-way	-	-	-	*1	-	-	-	Supported by design
IES0		MPEG4 M-JPEG H.264	1	800x600	1-way	-	-	-	*1	-	-	-	Supported by design
IL10	1.8.2.4.8310-O3.9119	M-JPEG H.264	1	1280x720	-	-	-	-	*1	-	-	-	
Note:	1. video parameter (brightness, contrast, saturation…) would not meet the value on web completely.(+-1) 2. fps would not reach its setting when resolution or quality is high.												
IM10	1.8.2.18-20121109-1.8272-	M-JPEG H.264	1	1280x960	1-way	-	*1	*1	*1	-	-	-	
Note:	1. video parameter (brightness, contrast, saturation…) would not meet the value on web completely.(+-1) 2. fps would not reach its setting when resolution or quality is high. 3. disable second profile on web then parameter setting can be changed normally.												
IMPS110-1	03.29.59	H.264 MJPEG	1	800x600	*2	*2	Yes	*2	-	-	Yes*	Yes	
Note:	1. Did not support auto focus. (Onvif limitation) 2. The resolution of stream 2 can not bigger than stream 1. (Camera limitation)												
IMS0		MPEG4 M-JPEG H.264	1	800x600	1-way	-	-	-	*1	-	-	-	Supported by design
IP110	01.02.0006	MPEG4	1	704x480	-	-	-	-	-	-	-	-	
Note:	Only support MPEG4 video, not support parameter setting.												
IX30		M-JPEG H.264	1	2048x1536	1-way	-	-	-	*1	-	-	-	Supported by design

IXE20	1.6.4.9081	M-JPEG H.264	1	1920x1080	1-way	-	-	-	*1	-	-	-	
IXS0	1.4.9.9080	MPEG4 M-JPEG H.264	1	800x608	1-way	-	-	-	*1	-	-	-	
IX10		M-JPEG H.264	1	1280x1024	1-way	-	-	-	*1	-	-	-	Supported by design
D-5118	1.6.13.9310	M-JPEG H.264	1	1280x960	*1	*1	Yes	-	*1	-	-	-	
SpectraIV-IP	01.02.0006	MPEG4	1	704x240	-	-	-	-	-	-	-	-	
Note:	SpectraIV-IP: Only support MPEG4 video, not support parameter setting.												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
PBY-H626A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-H7926A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-H7926AM		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-H7982		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-H7982M		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-H79882		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-H7A26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-H7A82		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-H7A855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-H7B82		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												

Model		Codec		Resolution									
PBY-H7B82M		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-H7B882		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-HB26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HB855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HC26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HC855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HD26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HD855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HH26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HH855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-Hi26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												

Model		H.264 MJPEG	1	Resolution	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
PBY-Hi26AM		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-Hi82		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-Hi82M		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-Hi882		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-HK26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HK855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HL26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HL26AM		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HL82		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-HL882		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) 4. Audio has noise. (Camera Firmware issue)												
PBY-HMi855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												

PBY-HNi855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation)												
	2. Audio codec only can choose G711. (Camera Firmware issue)												
	3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HP82		H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation)												
	2. Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation)												
	3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue)												
	4. Audio has noise. (Camera Firmware issue)												
PBY-HQ26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation)												
	2. Audio codec only can choose G711. (Camera Firmware issue)												
	3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HQ855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation)												
	2. Audio codec only can choose G711. (Camera Firmware issue)												
	3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HS26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation)												
	2. Audio codec only can choose G711. (Camera Firmware issue)												
	3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HS855		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation)												
	2. Audio codec only can choose G711. (Camera Firmware issue)												
	3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HV26A		H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation)												
	2. Audio codec only can choose G711. (Camera Firmware issue)												
	3. Upnp will find wrong model. (Camera Firmware issue)												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
				- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support									
Generic	v1.8.0601.10 01.110.0.36. 1.0	H.264 MJPEG	1	2592x1944	2-way	1/1	Yes	Yes	-	-	Yes*	-	
Note:	Support generic dewarp 1. Audio in with Raw PCM codec are not supported.(Camera firmware issue) 2. Home function are not supported. (Camera firmware issue) 3. The streaming has broken under MJPEG format.(Camera firmware issue) 4. Due to Onvif restriction, some frame rate and bit rates cannot be set.(Camera performance limitation)												

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SCC-C6475	2	MPEG4 M-JPEG	1	704x480	-	-	Yes	-	-	-	-	-	
SNB-1000	1.07_110407	H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	-	Yes	
SNB-1001	1.00_111226	H.264 M-JPEG	1	640x480	2-way	1/0	-	Yes	-	-	-	Yes	Test by link
SNB-2000		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	-	-	Supported by design
SNB-3000		H.264 MPEG4 M-JPEG	1	720x576	2-way	2/2	-	-	-	-	-	-	Supported by design
SNB-3002	2.10_130416 refer to SND-3082/F	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	2-way	1/1	-	Yes	-	-	-	Yes	Supported by design
SNB-5000	3_24_140701	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	Yes	Yes	
Note:	1. Camera is unable achieve over 22 fps when the resolution is 1280x1024 and the format is H264. (Camera performance limitation) 2. When format is MJPEG, the bitrate list can not sync. with camera web. (Camera firmware issue) 3. Frame rate list can not sync. with camera web. (Camera firmware issue) 4. Can not enable talk function. (Camera firmware issue)												
SNB-5000A	3.10_130416 refer to SND5080/F	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	Yes	Supported by design
SNB-5001	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	-	-	Yes	
SNB-5003	1.12_131031	H.264 MJPEG	1	1280x1024	*2	*2	*2	Yes	*2	-	Yes*	Yes	Test by link
SNB-5004	3.00_140903	H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1.The camera with highest quality and resolution is unable to achieve 30 fps if the format is MJPEG . (Camera performance limitation) For SNB-5003, SNB-5004, SND-5083, SND-5084 and SNV-5084: 1. Camera can support 128 preset points, but we are only support 64 preset points. 2. Before starting "talk", we do check that the talk's gain is greater than zero. If it is 0, we are going to adjust gain to default value 5. 3. If user do change audio setting in the website, then the previous connection will be interrupted and re-connect.												
SNB-6003	1.00_130412 refer to SND-6083	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
SNB-6004	refer to SND-6084(SNV-6084R-V3.01_140804)	H.264 MJPEG	1	1920x1080	*2	*2	Yes	Yes	*2	-	Yes*	Yes	Supported by design
SND-6011R	1.11_131011	H.264 M-JPEG	1	1920x1080	-	*2	-	Yes	*2	-	Yes*	Yes	
SNB-7000	1.10_110819	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	-	-	-	-	Yes	Tested by link
SNB-7001	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	-	-	Yes	Supported by design
SNB-7002	1.06_130402	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	-	-	-	Yes	
SNB-7004	3.00_140915	H.264	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	
SNC-B2315	2.11	MPEG4 M-JPEG	1	720x576	2-way	2/2	-	Yes	-	-	-	-	
SNC-B2331	1.00	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	-	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-B2335	1.01	H.264 MPEG4 M-JPEG	1	720x576	2-way	2/2	-	Yes	-	-	-	-	
SNC-B5368	1.00	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	-	-	
SNC-B5395	2.10	MPEG4 M-JPEG	1	720x576	2-way	2/2	-	Yes	-	-	-	-	
SNC-B5399	1.01	H.264 MPEG4 M-JPEG	1	720x576	2-way	2/2	-	Yes	-	-	-	-	
SNC-C6225	1.01	MPEG4 M-JPEG	1	720x576	2-way	2/1	Yes	Yes	-	Yes	-	-	
SNC-C7225	1.01	MPEG4 M-JPEG	1	720x576	2-way	2/1	Yes	Yes	-	Yes	-	-	
SNC-C7478	v1.01_090625	MPEG4 M-JPEG	1	720x576	2-way	8/4	Yes	Yes	-	Yes	-	-	
SNC-M300	v2.11_090729	MPEG4 M-JPEG	1	2048x1536	2-way	2/2	-	Yes	-	-	-	-	
SND-1011	1.00_111226	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	-	-	Yes	Test by link
SND-1080	1.00_111226	H.264 M-JPEG	1	640x480	2-way	1/0	-	Yes	-	-	-	Yes	Test by link
SND-3080		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	-	-	Supported by design
SND-3082	refer to SND-3082/F (FW2.10_130416)	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	2-way	1/1	-	Yes	-	-	-	Yes	Supported by design
SND-3082/F	2.10_130416	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	2-way	1/1	-	Yes	-	-	-	-	
SND-5010	1.00_120626	H.264 M-JPEG	1	1280*1024	-	0/0	-	Yes	-	-	-	Yes	
SND-5011	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	-	-	Yes	
SND-5061	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	-	-	Yes	
SND-5080/F	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	-	
SND-5083	1.12_131031 refer to SNB-5003	H264 MJPEG	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SND-5084	1.12_131031 refer to SNB-5004	H264 MJPEG	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SND-6083	1.00_130412	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	
SND-6084	SNV-6084R-V3.01_140804	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	Yes	
Note:	1. When camera using higher quality and resolution, it is unable to achieve 30 fps (Camera performance issue)												
SND-6084R	1.00_130316 refer to SNB-6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	Yes	Supported by design
SND-7080	2.00_110727	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	-	-	-	-	Yes	
SNF-7010	1.00_130806	H264 MJPEG	1	2048x1536	2-way	-	-	Yes	Yes	-	-	Yes	

	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	Fisheye camera												
SND-7011	1.00_120601	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	-	-	Yes	
SND-7061	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	-	-	Yes	Supported by design
SND-7082	1.00_120824	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	-	-	-	Yes	
SND-7082/F	refer to SNB-7002	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	-	-	-	-	Supported by design
SND-L6013R	Refer to SNO-L6083R (1.00_150403)	H.264 M-JPEG	1	1920x1080	*2	-	-	*2	*2	-	Yes*	-	Supported by design
SNF-8010	1.00_140719	H.264 M-JPEG	1	2560x2048	*2(2-way)	*2	-	*2	*2	-	Yes*	Yes	
Note:	1. The list of camera's stream 2 and stream 3 frame rate is not synchronized with the one on camerea's web.(Camera Firmware issue) 2.To get OSD correct value need to reconnect by manual to connect the correct stream after parameters setting.(Camera Firmware issue)												
SNO-1080R	1.00_120125	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	-	-	Yes	Test by link
SNO-5080R	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	-	Yes	
SNO-6011R	refer to SND-6011R(1.11_1 31011)	H.264 M-JPEG	1	1920x1080	-	*2	-	Yes	*2	-	Yes*	Yes	Supported by design
SNO-7084R	3.00_140915	H.264	1	2048x1536	*2	1/1	Yes	*2	*2	-	Yes*	Yes	
Note:	1. There is dual streaming rule problem in NAS's AUTO mode. (NUUO server limitation) Ex: stream 2 only supports MJPEG codec and stream 3 supports H.264 and MJPEG codec, but the program's logic is 3 stealing 2 in this situation. 2. The actual FPS is not enough to the setting value. (Camera firmware issue) 3. We can not connect by TCP or UDP. (Camera firmware issue) 4. After the stream 2 and 3 are set the resolution to 320x180, the actual resolution is 320x176. (Camera firmware issue) 5. This camera only support Zoom, Focus, AutoFocus with PTZ.												
SNO-L6013R	Refer to SNO-L6083R (1.00_150403)	H.264 M-JPEG	1	1920x1080	*2	-	-	*2	*2	-	Yes*	Yes	Supported by design
SNO-L6083R	1.00_150403	H.264 M-JPEG	1	1920x1080	*2	-	-	*2	*2	-	Yes*	-	
Note:	1. Frame rate list does not sync with web. (Camera Firmware issue)												
SNO-6084	refer to SND-6083	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
SNO-6084R	1.00_130316 refer to SNB-6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	Yes	Supported by design
SNO-7080R	2.00_121004	H.264 MJPEG	1	2048x1536	*2	*2	Yes	Yes	*2	-	Yes*	Yes	
SNO-7082R	refer to SNB-7002	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	-	-	-	Yes	Supported by design
SNP-3120V	1.24_110816	H.264 MPEG4 M-JPEG	1	704x480	1-way	2/2	Yes	-	-	-	-	Yes	
SNP-3300A	2.8.4	MPEG4 M-JPEG	1	D1	-	-	-	-	-	-	-	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNP-3301	1.21_110310	H.264 MPEG4 M-JPEG	1	4CIF	2-way	4/2	Yes	-	-	-	-	-	Tested by link
SNP-3302/H	Refer to SNP-3371/H/TH	H.264 MPEG4 M-JPEG	1	704x480	2-way	4/2	Yes	Yes	-	-	-	-	
SNP-3370	1.21_110310	H.264 MPEG4 M-JPEG	1	4CIF	2-way	4/2	Yes	-	-	-	-	-	
Note:	SNP-3301, SNP-3370: H264 can't support QCIF resolution												
SNP-3371/H/TH	S/W : 1.01_111104 ISP : 1.28	H.264 MPEG4 M-JPEG	1	704x480	2-way	4/2	Yes	Yes	-	-	-	-	Test by link
SNP-3430H	1.10_110818	H.264 MPEG4 M-JPEG	1	704x480	2-way	8/4	Yes	-	-	-	-	Yes	
SNP-5200	Refer to SNP-5200H	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	4/2	Yes	-	-	-	-	-	
SNP-5200H	1.04_110825	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	4/2	Yes	-	-	-	-	Yes	
SNP-5300	1.10_130523	H.264 M-JPEG	1	1280x1024	*2	*2	Yes	Yes	-	-	-	Yes	
SNP-6200	V1.00_120302	H.264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	-	-	Yes	
SNP-6200H	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	-	-	Yes	Supported by design
SNP-6200HP	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	-	-	Yes	Supported by design
SNP-6200P	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	-	-	Yes	Supported by design
SNP-6200RH	3.02_140722	H.264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	Yes	-	Yes*	Yes	
Note:	Camera is unable to achieve maximum FPS with high quality / bitrate. (Camera performance limitation)												
SNP-6320H	1.01_141007	H.264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	*2	-	Yes*	Yes	
SNS-100	100331-v2.8.9-2	MPEG4 M-JPEG	1	704x480	1-way	2/2	Yes	-	-	-	-	-	
SNV-1080	Refer to SNO-1080R	H.264 M-JPEG	1	640x480	2-way	1/0	-	Yes	-	-	-	Yes	Supported by design
SNV-1080R	Refer to SNO-1080R	H.264 M-JPEG	1	640x480	2-way	1/0	-	Yes	-	-	-	Yes	Supported by design
SNV-3120	1.24_10816	H.264 MPEG4 M-JPEG	1	704x576	1-way	0/0	Yes	-	-	-	-	Yes	
Note:	SNV-3120: PTZ function only supports zoom and focus.												
SNV-3080		H.264 MPEG4 M-JPEG	1	720x576	2-way	2/2	-	-	-	-	-	-	Supported by design
Note:	Please unchek the "RTSP time out" first.												
SNV-3082	refer to SNB-3002	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	2-way	1/1	-	Yes	-	-	-	Yes	Supported by design
SNV-5010	2.00_110727	H.264 MPEG4 M-JPEG	1	1280x1024	-	0/0	-	-	-	-	-	Yes	
SNV-5080	refer to SND-5080/F	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	Yes	Supported by design

| | - : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support | | | | | | | | | | | | |

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNV-5080R	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	-	-	-	Yes	
SNV-5084	1.12_131031 refer to SNB-5004	H264 MJPEG	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes	Yes	Supported by design
SNV-6012M	1.00_130704	H264 MJPEG	1	1920x1080	-	*2	-	*2	*2	-	Yes*	Yes	
SNV-6084	refere to SND-6083	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes	Supported by design
SNV-6084R	1.00_130316 refer to SNB-6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	*2	-	Yes*	Yes	Supported by design
SNV-7080	1.10_110819	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	-	-	-	-	Yes	Tested by link
Note:	SNV-7080R compatable with SNV-7080												
SNV-7080R	2.00_121004	H.264 MJPEG	1	2048x1536	*2	*2	Yes	Yes	*2	-	Yes*	Yes	
SNV-7082	refer to SNB-7002	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	-	-	-	Yes	Supported by design
SNV-L6083R	1.00_150403	H.264	1	1920x1080	*2	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Frame rate list with stream 2 is not synchronized with web. (Camera Firmware issue)												
SNZ-5200	1.04_110825	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	-	-	-	-	Yes	
SPE-100	v1.19_110317_3	M-JPEG, MPEG4, H264	1	704x576	2-way	1/1	Yes	Yes	-	-	-	-	
SPE-400	S/W : 1.40_120201	H.264 MPEG4 M-JPEG	4	704x480	2-way	4/4	Yes	Yes	-	-	-	-	Test by link
Note:	SNB-5000, SNV-3120, SND-5080/F, SNV-5080: do not support I/O, talk and TCP protocol. SNB-7000, SND-7080, SNP-3120V, SNP-3301, SNP-3370, SNP-3430H, SNP-5200, SNV-5080R, SNZ-5200 : do not support talk. SPE-400 video server needs to connect to 4 IP addresses to get 4 ch video. For Samsung SNB-7002, SNV-7082, SND7082/F and SNO-7082R, when Frame rate sets to 1, there is no image via RTSP. For Samsung SND-3082, SND-3082/F and SNB-3002, video parameter: brightness doesn't work. For Samsung SNB-7002, SNV-7082, SND7082/F and SNO-7082R, resolution sets to 800*450 & 320*180, but actually 800*448 & 320*176.												

	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support												
Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
SNC-100PBIA	BurgWaechter_IPC-HX5X2X-Themis_GerEng_PN_Stream3_P2P_IVS_V2.400.BW00.0.T.20151022.bin	H.264 MJPEG	1	1280x720	2-way	-	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Video parameter only works on normal profile due to camera response without profile information from cgi. (Camera Firmware issue) 2. UPnP search can not be used. (Camera Firmware issue) 3. Stream parameter setting may fail if the ranges of bitrate is not synchronized with the camera web. (Camera Firmware issue) 4. Can not support H.264H and H.264B for format. (NUUO server limitation) 5. G.711mu 8k has noise. (Camera Firmware issue) 6. G.711mu 16k and AAC can not be used. (NUUO srever limitation)												
SNC-200PDIA	BurgWaechter_IPC-HFW2(4)X01_GerEng_PN_V2.210.BW00.8.R.20151124.bin	H.264 MJPEG	1	1920x1080	-	-	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. Image rotation may not synchronize with web. (Camera Firmware Issue) 2. When motion trigger or in low-light situation, camera will disconnect. (Camera performance limitation) 3. Upnp search can not be used. (Camera Firmware Issue) 4. Framerate & Bitrate list can not synchronize with web. (Camera Firmware Issue)												
SNC-211FDIA	Refer to SNC-200PDIA(V2.210.BW00.8.R.20151124)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-211RSIA	V2.210.BW01.0.R.20150409	H.264 MJPEG	1	1920x1080	2-way	2/1	Yes	Yes	Yes	Yes	Yes*	Yes	
Note:	1.Audio in with 16 KHz sampling rate does not supported. (NUUO server limitation) 2.Camera UPNP Search does not supported (Camera Firmware issue) 3.Auto Focus function does not supported (Camera Firmware issue) 4.Stream parameter setting may fail if the ranges of bitrate and framerate are not synchronized with the camera web. (Camera Firmware issue) 5.Server Bitrate Value may not synchronize with web interface. (Camera Firmware issue) 6.Mirror function integrated with flip function, mirror button does not work. (Camera Firmware issue)												
SNC-231RZNA	2.400.BW06.0.R.T1.484, build : 2016-01-13	H.264 MJPEG	1	1920x1080	-	-	Yes	Yes	-	-	Yes*	Yes	
SNC-311FEIF	V2.420.BW00.0.T.20150213	H.264 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes*	Yes	
Note:	1. Camera search is not supported. (Camera firmware issue) 2. Stream parameter setting may fail if the ranges of bitrate and framerate are not synchronized with the camera web. (Camera performance limitation) 3. HTTP and RTSP port cannot be changed on the camera web. (Camera firmware issue)												

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*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-331DLNN	v2.400.BW00.0.R	H.264 MJPEG	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	\multicolumn{13}{l}{1. PTZ can not be used.(Camera Firmware issue) 2. Flip/Mirror could not work.(Camera Firmware issue) 3. Stream parameter setting may fail if the ranges of bitrate and framerate are not synchronized with the camera web. (Camera Firmware issue) 4. UPnP can not be used(Camera Firmware issue)
SNC-311FBIF	Refer to SNC-311FEIF (V2.420.BW00.0.T.20150213)	H.264 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-311RBIA	2.420.BW00.0.T	H.264 MJPEG	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. Camera search is not supported. (Camera firmware issue) 2. Autodetection will detect the wrong model. (Camera firmware issue) 3. Stream parameter setting may fail if the ranges of bitrate and framerate are not synchronized with the camera web. (Camera performance limitation) 4. Pan and tilt are not supported. (Camera performance limitation) 5. Camera does not stop zooming until it reaches the end. (Camera firmware issue) 6. Some frame rates are not supported if the video format is H.264H. (Camera performance limitation) 7. Video parameter setting, flip and mirror are supported under normal mode. (NUUO server limitation)}
SNC-311RDIA	Refer to SNC-311RBIA(2.420.BW00.0.T)	H.264 MJPEG	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-311RINA	Refer to SNC-311RBIA(2.420.BW00.0.T)	H.264 MJPEG	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-3302	v1.0.3.447	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
SNC-3303	v1.0.3.454	H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	\multicolumn{13}{l}{1. Audio stutter with the setting MJPEG 1920x1080 25fps quality:70 in TCP protocol. 2. The snapshot will failed when there are no MJPEG stream. 3 Camera with MJPEG resolution 1920x1080 is unable to achieve 20 fps}
SNC-3305	v1.0.2.386	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	\multicolumn{13}{l}{M-JPEG on high resolution and quality may not get parameter. Audio has some noise in high resolution. The range of framerate is not sync. with web when resolution is 2048x1536 and PAL mode.}
SNC-3322	v1.0.3.447	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	\multicolumn{13}{l}{1. M-JPEG on high resolution and quality may not get parameter. 2. Audio has some noise in high resolution. 3. SNC-3322 PTZ not support preset. 4.The frame interval will be unstable under high stream setting, it will cause video and audio not smoothly and image broken.}
SNC-3342	1.0.0.11	H.264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	-	-	
SNC-3901MDN	3.5	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	-	Yes	-	-	-	Test by manufacturer

	- : not avaliable on camera

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-3903M	0.9.6.6	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	Yes	-	Yes	-	-	-	Test by Link
SNC-390DN/W	1.5	MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	-	Yes	-	-	-	
SNC-4302	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	Yes*	Yes	
SNC-431FBIF	V2.400.BW00.0.R.20160324	H.264 MJPEG	1	2688x1520	-	-	-	*2	*2	-	Yes*	Yes	
Note:	1. The camera with highest parameter is unable to achieve setting frame rate. (Camera performance issue) 2. The camera with highest parameter is unable to achieve setting bitrate. (Camera performance issue)												
SNC-431FEIF	Refer to SNC-431FBIF(V2.400.BW0.0.R.20160324)	H.264 MJPEG	1	2688x1520	-	-	-	*2	*2	-	Yes*	Yes	Supported by design
SNC-431RBIA	Refer to SNC-100PBIA(2.400.BW00.0.T, build : 2015-10-22)	H.264 MJPEG	1	1280x960	2-way	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-431RDIA	Refer to SNC-100PBIA(2.400.BW00.0.T, build : 2015-10-22)	H.264 MJPEG	1	1280x960	2-way	-	-	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-431RLNN	Refer to SNC-331DLNN(V2.400.BW00.0.R, build : 2015-7-27)	H.264 MJPEG	1	2048x1536	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-4323IR	refer to SNC-6323IRH(1.0.3.454)	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-5211MIR	3.1	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	
SNC-521IR/W	1.5	MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	-	
SNC-5312IR	Refer to SNC-6312IR(v1.0.2.386)	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-5312MIR	Refer to SNC-3302	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	Supported by design
SNC-5315IR	Refer to SNC-6315IRH(v1.0.2.386)	H.264 M-JPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-5323IRH	refer to SNC-6323IRH(1.0.3.454)	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design

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Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
SNC-565IR/W	1.5	MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	-	Yes	-	-	-	
Note:	SNC-565IR/W: PTZ function only supports zoom in/out												
SNC-6163ID		H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	-	Yes	-	-	-	Supported by design
SNC-620/W		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	-	Yes	-	-	-	Supported by design
SNC-6201M	3.1	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	
SNC-6202	Refer to SNC-3302(v1.0.3.447)	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-6212IR	Refer to SNC-6312IRH(v1.0.2.386)	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-6223MIR		H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	-	Yes	-	-	-	Supported by design
SNC-6302	Refer to SNC-3302(v1.0.3.447)	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	Supported by design
Note:	M-JPEG on high resolution and quality may not get parameter. Audio has some noise in high resolution.												
SNC-6303	refer to SNC-3303(1.0.3.454)	H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SNC-6303M		H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	-	Yes	-	-	-	Supported by design
SNC-6312IRH	v1.0.2.386	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
SNC-6315IRH	v1.0.2.386	H.264 M-JPEG	1	2592x1944	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	M-JPEG on high resolution and quality may not get parameter. Audio has some noise in high resolution. The range of framerate is not sync. with web when resolution is 2048x1536 and PAL mode. SNC-6312IRH and SNC-6315IRH PTZ only support zoom and focus.												
SNC-6323IRH	v1.0.3.454	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. Audio stutter with the setting MJPEG 1920x1080 25fps quality:70 in TCP protocol. 2. The snapshot will failed when there are no MJPEG stream. 3 Camera with MJPEG resolution 1920x1080 is unable to achieve 20 fps												
SNC-6332	1.0.0.10	H.264 M-JPEG	1	1600x1200	2-way	4/1	-	-	Yes	-	-	-	
SNC-670ID/W	1.3	MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	-	Yes	-	-	-	

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-8322I/HO	v1.0.3.447	H264 M-JPEG	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	Yes*	Yes	
SNC-P3601M	3.5	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	Test by manufacturer
SNC-P3603M		H.264 MPEG4 M-JPEG	1	2048x1536	2-way	1/1	-	-	Yes	-	-	-	Supported by design
SVS-3001		H264 M-JPEG	1	720x480	2-way	*1	Yes	-	Yes	-	-	-	Supported by design

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
FBN-D101N	v1.0.1_20121005	M-JPEG H.264	1	1280x720	1-way	1/1	-	Yes	-	-	-	-	Supported by design
FBN-D101P	v1.0.1_20121005	M-JPEG H.264	1	1280x720	1-way	1/1	-	Yes	-	-	-	-	Supported by design
PSN-1012N	v1.0.4_20121029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	-	-	-	Supported by design
PSN-1012P	v1.0.4_20121029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	-	-	-	Supported by design
PSSN-1012N	v1.0.4_20121029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	-	-	-	Supported by design
PSSN-1012P	v1.0.4_20121029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	-	-	-	Supported by design
RIN-0012N	v1.0.4_20121029	H.264	1	1920x1080	1-way	1/1	-	Yes	-	-	-	-	Supported by design
RIN-0012P	v1.0.4_20121029	H.264	1	1920x1080	1-way	1/1	-	Yes	-	-	-	-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-10XX	refer to SNC-91XX	MPEG4 M-JPEG H.264	1	720x480	1-way	1/1	Yes	-	*1	-	-		Supported by design
SNC-20XX	refer to SNC-91XX	MPEG4 M-JPEG H.264	1	720x480	1-way	1/1	Yes	-	*1	-	-		Supported by design
SNC-21X0	SHANY gWT8202715 NO0001 V21	MPEG4 M-JPEG H.264	1	1280x720	1-way	1/1	Yes	-	*1	-	-		
SNC-21XX	SHANY gWT8130035 NO0001 V21	MPEG4 M-JPEG H.264	1	1280x1024	1-way	1/1	Yes	-	*1	-	-		
SNC-22XX	SHANY gWT8202715 NO0001 V21	MPEG4 M-JPEG H.264	1	1920x1072	1-way	1/1	Yes	-	*1	-	-		
SNC-23XX	SHANY gWT8300036 NO0001 V21	MPEG4 M-JPEG H.264	1	2048x1536	1-way	1/1	Yes	-	*1	-	-		
SNC-81XX	refer to SNC-91XX	MPEG4 M-JPEG H.264	1	720x480	1-way	1/1	Yes	-	*1	-	-		Supported by design
SNC-91XX	SHANY gWT8SD8236 SE0000 V21	MPEG4 M-JPEG H.264	1	720x480	1-way	1/1	Yes	-	*1	-	-		tested by link
SNC-D1XX	refer to SNC-91XX	MPEG4 M-JPEG H.264	1	720x480	1-way	1/1	Yes	-	*1	-	-		Supported by design
SNC-HD2XX		MPEG4 M-JPEG H.264	1	1920x1072	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
SNC-HD81X2	SHANY gWT8201022 SE0001 V21	MPEG4 M-JPEG H.264	1	1920x1072	1-way	1/1	Yes	-	*1	-	-	-	
SNC-HD91X2		MPEG4 M-JPEG H.264	1	1920x1072	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
SNC-HD91XX		MPEG4 M-JPEG H.264	1	1280x1024	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
SNC-RX01N		MPEG4 M-JPEG H.264	1	1920x1072	1-way	1/1	Yes	-	*1	-	-	-	Supported by design
Note:	Shany all series don't support Home feature, has B/W image with very low quality value in MJPEG codec												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Generic	1.7.0	H.264 M-JPEG	1	All	2-way	2/2	-	Yes	-	-	-	-	
Note:	Support generic dewarp Support G6 model. In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-CH110/B		H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	-	-	-	Supported by design
SNC-CH110/S	1.22.00	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	-	-	-	
SNC-CH120	1.80	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	-	-	-	
Note:	SNC-CH120: PTZ function only supports zoom and focus.												
SNC-CH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/2	-	Yes	-	-	-	-	
SNC-CH160	1.82.01	H.264 M-JPEG	1	1280x1024	-	1/1	Yes	Yes	-	-	Yes*	-	
Note:	Camera is unable to achieve 30 fps with resolution 1280x1024.												
SNC-CH180	1.10.03	H.264 MPEG4 M-JPEG	1	1280x720	2-way	1/2	-	Yes	-	-	-	-	
SNC-CH210	1.78.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	-	-	-	
Note:	SNC-CH210/B and SNC-CH210/S are campatible with SNC-CH210												
SNC-CH220	1.21.02	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	Yes	Yes	-	-	-	-	
Note:	PTZ function only supports focus near/far and auto focus functon.												
SNC-CH240	1.10.01	H.264 MPEG4 M-JPEG	1	1680x1056	2-way	1/2	Yes	Yes	-	-	-	-	
Note:	Do not support 1920x1440/1920x1080 resolution												
SNC-CH260	1.78.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	Yes	Yes	-	-	-	-	
Note:	PTZ function only supports zoom tele/wide, focus near/far and auto focus functon.												
SNC-CH280	1.26.01	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/2	Yes	Yes	-	-	-	-	
Note:	PTZ function only supports zoom, focus near/far and auto focus functon.												
SNC-CM120	1	MPEG4 M-JPEG	1	1280x960	2-way	1/2	Yes	Yes	-	-	-	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-CS10		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	-	-	-	Supported by design
SNC-CS11	1.05	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	-	-	-	
SNC-CS20	1	MPEG4 M-JPEG	1	768x576	2-way	1/2	-	Yes	-	-	-	-	
SNC-CS3		M-JPEG	1	736x480	-	1/2	-	-	-	-	-	-	Supported by design
SNC-CS50	2.21	MPEG4 M-JPEG	1	640x480	2-way	2/2	-	Yes	-	-	-	-	
SNC-CX600W	1.7.0	H.264 M-JPEG	1	1280x1024	2-way	-		Yes			-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-DF40	1.17	MPEG4 M-JPEG	1	640x480	2-way	1/2	-	Yes	-	-	-	-	
SNC-DF50	1.11	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/2	-	Yes	-	-	-	-	
SNC-DF70	1.17	MPEG4 M-JPEG	1	640x480	2-way	1/2	-	Yes	-	-	-	-	
SNC-DF80	1.11	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/2	Yes	Yes	-	-	-	-	
SNC-DF85	0.9	H.264 MPEG4 M-JPEG	1	640x480	2-way	1/2	-	Yes	-	-	-	-	
SNC-DH110	1.82.01	H.264 M-JPEG	1	1280x960	-	-	-	Yes	-	-	Yes*	-	
Note:	It would take 30~50 seconds to reconnect after changing video format.												
SNC-DH110/B	1.27.00	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	-	-	-	
SNC-DH110/W	Refer to SNC-DH110/B	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	-	-	-	Supported by design
SNC-DH110T/B	Refer to SNC-DH110/B	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	-	-	-	Supported by design
SNC-DH110T/W	Refer to SNC-DH110/B	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	-	-	-	Supported by design
SNC-DH120	1.78.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	-	Yes	Yes	-	-	-	-	
Note:	1. PTZ function only supports zoom tele/wide, focus near/far and auto focus functon. 2. The connection cannot established with high probability when selected JPEG, high resolution and high quality.												
SNC-DH120T		H.264 MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	-	-	-	Supported by design
SNC-DH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/2	-	Yes	-	-	-	-	

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Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-DH140T		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/2	-	Yes	-	-	-	-	Supported by design
SNC-DH160	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	-	-	
SNC-DH180	1.10.02	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/2	-	Yes	-	-	-	-	
SNC-DH210/B		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	-	-	-	Supported by design
SNC-DH210/W		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	-	-	-	Supported by design
SNC-DH210T/B	1.27.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	-	-	-	
SNC-DH210T/W		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	-	-	-	Supported by design
SNC-DH220	1.82.01	H.264 M-JPEG	1	1920x1440	-	-	Yes	Yes	-	-	Yes*	-	
SNC-DH220T		H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	Yes	Yes					Supported by design
Note:	PTZ function only supports zoom, focus near/far and auto focus functon.												
SNC-DH240	1.10.02	H.264 MPEG4 M-JPEG	1	1680x1056	2-way	1/2	-	Yes	-	-	-	-	
SNC-DH240T		H.264 MPEG4 M-JPEG	1	1680x1056	2-way	1/2	-	Yes	-	-	-	-	Supported by design
Note:	Do not support 1920x1440/1920x1080 resolution												
SNC-DH260	1.30.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	Yes	Yes	-	-	-	-	
Note:	PTZ function only supports zoom, focus near/far and auto focus functon.												
SNC-DH280	1.26.01	H.264 MPEG4 M-JPEG	1	1920x1440	2-way	1/2	Yes	Yes	-	-	-	-	
Note:	PTZ function only supports zoom, focus near/far and auto focus functon.												
SNC-DM110		MPEG4 M-JPEG	1	1280x960	2-way	1/2	-	Yes	-	-	-	-	Supported by design
SNC-DM160	1.01	MPEG4 M-JPEG	1	1280x960	2-way	1/2	Yes	Yes	-	-	-	-	
SNC-DS10	1.01	H.264 MPEG4 M-JPEG	1	768x576	2-way	1/2	-	Yes	-	-	-	-	
SNC-DS60	1	MPEG4 M-JPEG	1	640x480	2-way	1/2	-	Yes	-	-	-	-	
SNC-EB600	Refer to SNC-EB600B(1.9.2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	-	-	Yes	Supported by design

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Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EB600B	1.9.2	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	-	-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EB602R	Refer to SNC-EB632R(2.1.2)	H.264 M-JPEG	1	1920x1080	-	-	Yes	Yes	-	-	Yes*	Yes	Supported by design
SNC-EB630	1.9.2	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	-	-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EB630B	Refer to SNC-EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EB632R	2.2.1	H.264 M-JPEG	1	1920x1080	-	-	Yes	Yes	-	-	Yes*	Yes	
Note:	PTZ only support zoom and focus. In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EM600	Refer to SNC-EB600B(1.9.2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-EM601	Refer to SNC-EB600B(1.9.2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EM602R	Refer to SNC-EB600B(1.9.2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EM630	Refer to SNC-EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EM631	Refer to SNC-EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-EM632R	1.9.2	H.264 M-JPEG	1	1920x1080	-	-	Yes	Yes	-	-	-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do Easy Focus.												
SNC-EP520	1.40.00	H.264 MPEG4 M-JPEG	1	720x480	2-way	2/1	Yes	Yes	-	-	-	-	Tested by link
SNC-EP521	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	2-way	2/1	Yes	Yes	-	-	-	-	
SNC-EP550	1.51.00	H.264 MPEG4 M-JPEG	1	1280x720	2-way	2/1	Yes	Yes	-	-	-	-	
SNC-EP580	1.42.00	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	-	-	-	-	
SNC-ER520	1.40.00	H.264 MPEG4 M-JPEG	1	720x480	2-way	2/1	Yes	Yes	-	-	-	-	Tested by link
SNC-ER521	1.40.00	H.264 MPEG4 M-JPEG	1	720x576	2-way	2/1	Yes	Yes	-	-	-	-	Tested by link

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-ER550	1.78.00	H.264 MPEG4 M-JPEG	1	1280x720	2-way	2/1	Yes	Yes	-	-	-	-	
Note:	1. The number of connection is 1 for JEPG and 2 for H264 and MPEG4 at the same time. 2. The connection cannot established with high probability when selected JPEG, high resolution and high quality.												
SNC-ER580	1.82.01	H.264 M-JPEG	1	1920x1080	2-way	2/1	Yes	Yes	-	-	Yes*	-	
SNC-ER585	1.78.00	H.264 MPEG4 M-JPEG	1	1920x1080	*2	*2	Yes	Yes	-	-	-	-	Tested by link
SNC-HM662	1.2.0	H.264 MJPEG	1	2560x1920	2-way	1/1	-	Yes	-	-	Yes*	Yes	
Note:	Fisheye camera 1. Camera is unable to achieve setting frame rate and bit rate. (Camera performance limitation) 2. Doesn't support audio-in and audio-out when the resolution is 2560x1920 via MJPEG. (Camera Firmware issue) 3. When switching the audio codec on camera webpage, the camera won't disconnect automatically. It will cause abnormal sound. (Camera Firmware issue)												
SNC-P1	1.28	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	-	-	-	-	
SNC-P5	1.28	MPEG4 M-JPEG	1	640x480	2-way	2/1	Yes	Yes	-	-	-	-	
SNC-RH124	1.84.00	H.264 M-JPEG	1	1280x720	2-way	4/2	Yes	Yes	-	Yes	Yes*	-	
Note:	1. When camera's format is MJPEG and resolution is larger than 640x480, the connection is unstable. 2. The camera is unable to achieve 30fps with MJPEG format. 3. Camera must reconnect when change the audio codec in web site.												
SNC-RH164	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	2-way	4/2	Yes	Yes	-	-	-	-	
SNC-RS44N		H.264 MPEG4 M-JPEG	1	1.11.0	2-way	4/2	Yes	Yes	-	-	-	-	Supported by design
SNC-RS44P		H.264 MPEG4 M-JPEG	1	720x576	2-way	4/2	Yes	Yes	-	-	-	-	Supported by design
SNC-RS46N		H.264 MPEG4 M-JPEG	1	720x480	2-way	4/2	Yes	Yes	-	-	-	-	Supported by design
SNC-RS46P	1.10.02	H.264 MPEG4 M-JPEG	1	720x576	2-way	4/2	Yes	Yes	-	-	-	-	
SNC-RS84N		H.264 MPEG4 M-JPEG	1	720x480	2-way	4/2	Yes	Yes	-	-	-	-	Supported by design
SNC-RS84P		H.264 MPEG4 M-JPEG	1	720x576	2-way	4/2	Yes	Yes	-	-	-	-	Supported by design
SNC-RS86N		H.264 MPEG4 M-JPEG	1	720x480	2-way	4/2	Yes	Yes	-	-	-	-	Supported by design
SNC-RS86P		H.264 MPEG4 M-JPEG	1	720x576	2-way	4/2	Yes	Yes	-	-	-	-	Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-RX530	3.03	H.264 MPEG4 M-JPEG	1	640x480	2-way	2/2	Yes	Yes	-	-	-	-	
SNC-RX550	2.21	H.264 MPEG4 M-JPEG	1	640x480	2-way	2/2	Yes	Yes	-	-	-	-	
SNC-RX570	3.01	H.264 MPEG4 M-JPEG	1	640x480	2-way	2/2	Yes	Yes	-	-	-	-	
SNC-RZ25	1.29	MPEG4 M-JPEG	1	640x480	2-way	2/2	Yes	Yes	-	-	-	-	
SNC-RZ30	3.14	M-JPEG	1	736x480	-	3/2	Yes	-	-	-	-	-	
SNC-RZ50	2.21	H.264 MPEG4 M-JPEG	1	640x480	2-way	2/2	Yes	Yes	-	-	-	-	
SNC-VB600	1.9.2	H.264 M-JPEG	1	1280x1024	2-way	2/2	-	Yes	-	-	-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VB600B	1.7.0	H.264 M-JPEG	1	1280x1024	2-way	2/2	-	Yes	-	-	-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VB630	2.2.1	H264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	-	-	Yes*	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VB635	1.11.0	H264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do Easy Focus.												
SNC-VM600	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	2-way	2/2	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VM600B	Refer to SNC-VB600B (FW 1.7.0)	H.264 M-JPEG	1	1280x1024	2-way	2/2	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												

SONY

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-VM601	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	2-way	2/2	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VM601B	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	2-way	2/2	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VM602R	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	2-way	2/2	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VM630	Refer to SNC-VM632R(1.9.2)	H264 MJPEG	1	1920x1080	2-way	2/2	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VM631	Refer to SNC-VM632R(1.9.2)	H264 MJPEG	1	1920x1080	2-way	2/2	-	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VM632R	1.9.2	H264 MJPEG	1	1920x1080	2-way	2/2	-	Yes	-	-	-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-WR600	1.11.0	H.264 MJPEG	1	1280x1024	2-way	4/2	Yes	Yes	-	-	-	Yes	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SNC-WR602	Refer to SNC-WR600(1.11.0)	H.264 MJPEG	1	1280x1024	2-way	4/2	Yes	Yes	-	-	-	Yes	Supported by design
SNC-WR630	1.11.0	H264 MJPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	-	-	Yes	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-WR632	Refer to SNC-WR630	H264 MJPEG	1	1920x1080	2-way	4/2	Yes	Yes	-	-	-	Yes	Supported by design
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-XM631	2.2.1	H.264 MJPEG	1	1920x1080	-	-	-	Yes	-	-	Yes*	Yes	
SNC-XM632	1.12.0	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	-	-	Yes	
SNC-XM636	Refer to SNC-XM632(1.12.0)	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	-	-	Yes	Supported by design
SNC-XM637	Refer to SNC-XM632(1.12.0)	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	-	-	Yes	Supported by design
SNC-Z20	1.06	M-JPEG	1	736x480	-	1/2	Yes	-	-	-	-	-	
Note:	SNC-Z20: PTZ Support: zoom only.												
SNC-ZB550	1.82.01	H.264 MJPEG	1	1280x1024	-	1/1	-	Yes	-	-	Yes*	-	
SNT-EP104		H.264 MPEG4 M-JPEG	4	720x576(P) 720x480(N)	-	-	-	Yes	-	-	-	-	Supported by design
SNT-EP154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	-	-	-	
SNT-EX101		H.264 MPEG4 M-JPEG	1	720x576(P) 720x480(N)	2-way	2/2	Yes	Yes	-	-	-	-	Supported by design
SNT-EX101E	1.10.01	H.264 MPEG4 M-JPEG	1	720x480	2-way	2/2	Yes	Yes	-	-	-	-	
SNT-EX104	1.10.01	H.264 MPEG4 M-JPEG	4	720x576(P) 720x480(N)	2-way	4/4	Yes	Yes	-	-	-	-	
SNT-EX154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	2-way	4/4	Yes	Yes	-	-	-	-	
SNT-V704	2.15	MPEG4 M-JPEG	4	720x480	2-way	1/4	-	-	-	-	-	-	

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For multi stream support:
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Yes*: multi stream setting support

Edge Record Support : Camera with SD card

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Note:	When use 2nd stream on "E" and "X" series, IP-cameras motion detection will not able to use. Please refer to Sony user's guide.												

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Nitida 12000	01.10:01.08: 01.13:01.11: 01.05:00.04	H.264	1	1920X1080	-	-	-	-	-	-	Yes*	-	
Note:	Second stream is unable to achieve setting bit rate.(Camera performance limitation)												

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
Generic	v1.9.0601.1001.3.0.36.0.0	H.264 MJPEG	1	2592x1944	2-way	2/2	Yes	Yes	-	-	Yes*	-	
Note:	Support generic dwarp Test by IPC54-40EDN in DP v3.13.(FW : v1.9.0601.1001.3.0.36.0.0) (I/O ch : 1/1) 1. The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. Motion detection is not supported on MJPEG. (Camera performance limitation) 3. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 4. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												
SN-IPR54/31AKDN	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
IPR54/14ALDN(II)/23	v2.0.0601.1002.3.0.56.0.0	H.264 MJPEG	1	1920x1080	2-way	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Auto Detection will fail because it is out of the searching time. If the searching file rotate and start with onvif, the auto-detection is functional and can work properly. (NUUO server limitation)												
IPR56/20APDN/13	v2.0.0701.1002.3.0.114.1.0	H.264 MJPEG	1	1920x1080	2-way	-	-	*2	*2	-	Yes*	Yes	
Note:	1. Auto Detection will fail because it is out of the searching time. If the searching file rotate and start with onvif, the auto-detection is functional and can work properly. (NUUO server limitation)												
IPS54/70DN/Z18	refer to IPS54/70DN/ZR18	H.264	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes*	Yes	Supported by design
IPS54/70DN/ZR18	v1.6_build044014_026	H.264	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes*	-	
IPS54/70DR/Z18	refer to IPS54/70DN/ZR18	H.264	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes*	Yes	Supported by design
IPS54/70DR/ZR18	refer to IPS54/70DN/ZR18	H.264	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes*	Yes	Supported by design
IPS54/71DN/Z18	refer to IPS54/70DN/ZR18(v1.6_build044014_026)	H.264	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes*	Yes	Supported by design
IPS54/80DR	refer to IPS54/70DN/ZR18(v1.6_b	H.264	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPC54/11DN	refer to SN-IPC54/11FDN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPC54/11EDN	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPC54/11FDN	v1.6_build044014_027	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	
Note:	SN-IPC54/11FDN : Can't support G711 A-law, the video quality can't sync with the camera web interface												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SN-IPC54/12DN	v2.0.0601.1002.3.0.56.0.0_20151027	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes*	Yes	Yes	-	Yes*	Yes	
Note:	1. Bitrate list is not sync with camera web. (Camera firmware issue) 2. We don't support audio-in via PCM. (NUUO server limitation) 3. Audio-out can not normally work under UDP protocol. (Camera firmware issue) 4. Dose not support mirror. (Onvif limitation)												
SN-IPC54/12EDN	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPC54/14EDN	refer to IPD54/12VDN (v1.6_build044014_106)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPC54/31EDN	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SN-IPC54/40EDN	v1.6_build044014_137	H.264	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	
Note:	1. MJPEG 2592x1920 by camera FW issue. 2. Camera will reboot when MJPEG 2048x1536 and quality 9 by camera FW issue.												
SN-IPD54/11VDR	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPD54/12VDR	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPD54/14VDN	refer to IPD54/12VDN (v1.6_build0	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPD54/14VDR	refer to IPD54/12VDN (v1.6_build044014_106)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPD54/31VDN	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SN-IPD54/31VDR	refer to SN-IPV54/31UDR (v1.6_build0	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SN-IPD54/40VDN	refer to SN-IPC54/40EDN(v1.6_build	H.264	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/11AKDN	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/11ALDN	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/11ANDN	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design

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Yes*: multi stream setting support

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SN-IPR54/11DN	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/12AKDN	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/12ALDN	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/12ANDN	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/12DN	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/14AKDN	refer to IPD54/12VDN (v1.6_build044014_106)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/14APDN	refer to IPD54/12VDN (v1.6_build044014_106)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/31APDN	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SN-IPR54/31UDN	v1.7.1001.3.0.13	H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	Yes*	Yes	
Note:	Some framerate and bitrate can't be set due to Onvif restriction.												
SN-IPR54/40AKDN	refer to SN-IPC54/40EDN(v1.6_build044014_137)	H.264	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPR54/40APDN	refer to SN-IPC54/40EDN(v1.6_build044014_137)	H.264	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPS56/30CDR/ZS12	v2.0.0702.1002.3.0.119.0.0	H.264 MJPEG	1	2048x1536	2-way	2/1	Yes	Yes	-	-	Yes*	Yes	
Note:	1. Audio codec did not support RAW_PCM. (Onvif limitation) 2. There are noise, when audio codec set to G.711A. (NUUO limitation) 3. The camera with highest parameter is unable to achieve setting bitrate. (Camera performance issue)												
SN-IPV54/11DN	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/11DR	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/11UDN	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/11UDR	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SN-IPV54/11ZDR	refer to SN-IPC54/11DN	H.264	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/12DN	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/12DR	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/12UDN	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/12UDR	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/12ZDR	refer to IPD54/12VDN	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/14UDR	refer to IPD54/12VDN (v1.6_build044014_106)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/14ZDR	refer to IPD54/12VDN (v1.6_build044014_106)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/31UDN	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SN-IPV54/31UDR	v1.6_build044014_137	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	FW issue: Camera will reboot when MJPEG 2048x1536, 1920x1080 and quality 9												
SN-IPV54/31ZDR	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Supported by design
SN-IPD54/12VDN	v1.9.0601.1001.3.0.22.0.0	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	-	-	Yes*	Yes	
Note:	1.Unable to use snapshot function.(Camera firmware issue) 2.PTZ function can't be use on camera web.(Camera firmware issue) 3.Some framerates and bitrates can't be set due to Onvif restriction.(Camera firmware issue)												
SN-IPC55/20EDN	v1.8.1001.1001.3.0.46.0.0	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	-	-	Yes*	Yes	
Note:	1.The streaming has broken image under MJPEG.(Camera firmware issue) 2.Unable to use PTZ function.(Camera firmware issue) 3.Some framerates and bitrates can't be set due to Onvif restriction.(Camera firmware issue)												
SN-IPV54/40UDN	refer to SN-IPC54/40EDN(v1.6_build044014_137)	H.264	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design
SN-IPV54/40UDR	refer to SN-IPC54/40EDN(v1.6_build044014_137)	H.264	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes*	Yes	Supported by design

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
SN-VSR54/04	build044014_136_1	H.264	4	704x576	2-way	2/1	Yes	Yes	Yes	-	Yes*	Yes	
Note:	1. Audio only available on channel 1 and channel 2. 2. DI2 can't work correctly.												
VSR54/01	v1.6_build044014_026	H.264	1	D1	1-way	2/1	Yes	Yes	-	-	Yes*	Yes	
Note:	FW issue: 1. Autodetect can't work 2. DI can't work correctly												
Note:	All models: Some framerate and bitrate can't be set due to Onvif restriction												

TRENDnet

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
TV-IP262P	1.0.3	H.264 MJPEG	1	1280x1024	2-way	-	-	Yes	Yes	-	Yes	-	
Note:	1. Fps cannot be set to over 15 fps by cgi when it is 720P, but it can be set on web.(Camera Firmware Issue) 2. Sometimes setting by server is different with camera web. In fact, it sure has been set successfully.(Camera Firmware Issue)												
TV-IP262PI	refer to TV-IP262P(1.0.3)	H.264 MJPEG	1	1280x1024	2-way	-	-	Yes	Yes	-	Yes	-	Supported by design
TV-IP310PI	V5.0.1 140303	H.264	1	2048x1536	-	-	-	Yes	Yes	-	Yes	-	
Note:	1. Second stream is unable to change bitrate. (Camera firmware issue) 2. Frame rate list over the corret range when the resolution is 2048x1536. (Camera fimware issue) 3. Second stream is unable to achieve maximun FPS, when resolution of main stream is 2048x1536. (Camera performance limitation)												
TV-IP311PI	refer to TV-IP310PI(V5.0.1 140303)	H.264	1	2048x1536	-	-	-	Yes	Yes	-	Yes	-	Supported by design
TV-IP572P	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	Supported by design
TV-IP572PI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	Supported by design
TV-IP572W	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	Supported by design
TV-IP572WI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	Supported by design
TV-IP672P	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	Supported by design
TV-IP672PI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	Supported by design
TV-IP672W	1.1.2	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	
Note:	1. Camera response slow due to digest authentication.(Camera Performace Issue) 2. Image setting only can set with specific value. Otherwise, it will set fail. (Server Limitation) Ex. Specific values: 0,5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80,85,90,95,100.												
TV-IP672WI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	2-way	-	Yes	Yes	Yes	-	Yes	-	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream support	Liveview Buffering	Remarks
TCS-200	T122	H.264	1	720x576	1-way	2/2	Yes	-	-	-	-	-	
TCS-2000	V1.111R04-T100	H.264 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	-	-	
TCAM-230		H.264	1	720x576	1-way	1/1	Yes	-	-	-	-	-	Supported by design
TCAM-250		H.264	1	720x576	1-way	1/1	Yes	-	-	-	-	-	Supported by design
TCAM-251	V1.T122	H.264	1	720x576	1-way	1/1	Yes	-	-	-	-	-	
TCAM-270	V1.108F	H.264	1	720x576	1-way	1/1	Yes	-	-	-	-	-	
TCAM-5x10	V2.201R01_T100	H.264 M-JPEG	1	1280x1024	2-way	1/1	Yes	Yes	-	-	-	-	
TCAM-570	V1.111R04-T100	H.264 M-JPEG	1	1920x1080	2-way	2/2	Yes	-	-	-	-	-	
TN-B200CE	Refer to TN-B202CEIR(V3.311R01)	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	-	
TN-B202CEIR	V3.311R01	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	-	
TN-D1202CE	Refer to TN-B202CEIR(V3.311R01)	H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes	-	
TN-P1220CS	Refer to TN-P1222CGPLX(V3.311R01)	H.264	1	1920x1080	2-way	-	Yes	Yes	Yes	-	Yes	-	
TN-P1222CGPLX	V3.311R01	H.264	1	1920x1080	2-way	-	Yes	Yes	Yes	-	Yes	-	
TN-P1230CS	Refer to TN-P1222CGPLX(V3.311R01)	H.264	1	1920x1080	2-way	-	Yes	Yes	Yes	-	Yes	-	
TN-P3220CS	Refer to TN-P1222CGPLX(V3.311R01)	H.264	1	1920x1080	2-way	-	Yes	Yes	Yes	-	Yes	-	
TN-P3220CSIR	V3.311R01	H.264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	-	Yes	-	
TN-P3220CTIR	Refer to TN-P3220CSIR(V3.311R01)	H.264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	-	Yes	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPE1100M	Refer to IPE3500M	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
IPE3100	Refer to IPE3500M	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
IPE3500	Refer to IPE3500M	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
IPE3500M	1.6.7	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	
IPE4100	Refer to IPE3500M	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
IPE5500	Refer to IPE3500M	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
IPE6500	Refer to IPE3500M	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
IPE7500	Refer to IPE3500M	MJPEG MPEG4 H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
IPN100HD	1.4.0.11	MJPEG H.264	1	1280x720	2-way	1/1	-	Yes	Yes	-	-	-	
IPN352HD	1.10.0.16	MJPEG H.264	1	1920x1080	-	0/0	-	Yes	-	-	Yes*	Yes	

| Note: | 1.Camera search can't be used. (NUUO server limitation)
 2.Auto detect can't be used. (NUUO server limitation)
 3.Stream 1's and stream 2's resolution can't be changed at the same time. (Camera Firmware issue)
 4.Frame rate can't achieve the setting value in high parameter. (Camera Firmware issue)
 5.VBR/CBR mode can't be changed. (Camera Firmware issue) | | | | | | | | | | | | |

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
IPN1202HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN2102HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN302HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN3102HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN3202HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN3502HD	1.4.0.11	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN3502HDIR	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN6602HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPN6802HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPX3302HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	
IPX3702HD	Refer to IPN3502HD (1.4.0.11)	MJPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	

IPX4202HD	1.4.1.8	MJPEG H.264	1	1920x1080	2-way	1/1	Yes	*1	Yes	-	-	-	
IPX4602HD	Refer to IPX4202HD (1.4.1.8)	MJPEG H.264	1	1920x1080	2-way	1/1	Yes	*1	Yes	-	-	-	
NVC1000	1.6.7	MJPEG MPEG4 H.264	1	720x576	2-way	2/2	Yes	-	Yes	-	-	-	
NVC4000	1.6.7	MJPEG MPEG4 H.264	4	D1	2-way	4/4	Yes	-	Yes	-	-	-	
NVC4000-R12		MJPEG MPEG4 H.264	4	D1	2-way	4/4	-	-	Yes	-	-	-	Supported by design
NVC4000-R40		MJPEG MPEG4 H.264	4	D1	2-way	4/4	-	-	Yes	-	-	-	Supported by design
Note:	NVC4000 video server needs to connect to 4 IP addresses to get 4 ch video.												

	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support												
Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi Stream Support**	**Liveview Buffering**	**Remarks**
US-AVC4-2-600NR-I2	5.0.2.6495	MJPEG, MPEG4, H.264	1	4CIF	2-way	1/1	*1	-	-	-	-	-	

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Yes*: multi stream setting support

Device Name	Avtech model name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream support	Remarks
Devet Tri Jedna	AVX931	1052-1028-1038-1008	H.264	1	D1	Yes	1/1	Yes	Yes	Yes	-	Yes*	
Note:	Devet Tri Jedna 1. Unable to set camera FPS over 25. (Camera firmware issue) 2. Preset will not sync with web (Camera limitation issue)												
Ctyri Nula Nula	AVM400	1031-1007-1022-1003	H.264	1	1920x1080	Yes	1/1	-	Yes	Yes	-	Yes*	
Note:	Ctyri Nula Nula 1. Audio stutter with G.711 when the camera with highest resolution. 2. The camera with highest quality and resolution is unable to achieve 30 fps												
Ctyri Dva Osm	AVM428	1023-1007-1016-1003	H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	
Note:	Ctyri Dva Osm 1. Audio is not smoothly 2. The framerate can not up to 30 when max resolution and best quality is selected.												
Ctyri Pet Devet	AVM459	1023-1007-1016-1003	H.264	1	1920x1080	-	1/1	-	Yes	Yes	-	Yes*	
Ctyri Pet Sedm	AVM457	Refer to Ctyri Pet Devet(FW 1023-1007-1016-1003)	H.264	1	1920x1080	-	1/1	-	Yes	Yes	-	Yes*	Supported by design
Pet Sest Pet	AVM565	1026-1017-1020-1007	H.264 M-JPEG	1	1920x1080	-	1/1	Yes	Yes	Yes	-	Yes*	
Note:	Pet Sest Pet 1. PTZ function only support Zoom and Focus. 2. Camera with triple stream are unable to achieve 30fps. 3. Camera with resolution 1920x1080, 1fps, GOV 30 and H.264 format will difficult to connect the stream. 4. Camera with 1fps will difficult to connect.												
Tri Pet Devet	AVM359	Refer to Tri Pet Sedm	H.264	1	1280x720	-	1/1	-	Yes	Yes	-	Yes*	Supported by desigend
Note:	Tri Pet Devet 1. The framerate can not up to 30 when max resolution and best quality is selected.												
Tri Pet Sedm	AVM357	1050-1027-1034-1008	H.264	1	1280x720	-	1/1	-	Yes	Yes	-	Yes*	
Note:	Tri Pet Sedm 1. The framerate can not up to 30 when max resolution and best quality is selected.												
Pet Ctyri Dva	AVM542	Refer to Pet Pet Dva (FW 1022-1014-1014-1010)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	Yes*	Supported by design
Pet Ctyri Dva B	AVM542 B	1067-1026-1035-1014	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	

Name	Model	Bitrate	Codec		Resolution								
Note:	Pet Ctyri Dva B 1.Camera is unable toachieve high FPS. (Camera performance limitation) 2.Bitrate list does not sync with web. (NUUO server limitation)												
Pet Dva Jedna	AVM521	1022-1014-1014-1010	H.264 M-JPEG	1	1920x1080	Yes	1/1	-	Yes	Yes	-	Yes*	
Pet Nula Nula	AVM500	1022-1014-1014-1010	H.264 M-JPEG	1	1920x1080	Yes	1/1	-	Yes	Yes	-	Yes*	
Pet Pet Dva	AVM552	1067-1026-1035-1014	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	
Note:	Pet Pet Dva 1.Camera is unable toachieve high FPS. (Camera performance limitation) 2.Bitrate list does not sync with web. (NUUO server limitation)												
Pet Pet Dva	AVM552	1022-1014-1014-1010	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	Yes*	
Note:	Pet Pet Dva 1. Does not support CBR/VBR mode												
Pet Sest Jedna	AVM561	1067-1026-1035-1014	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	Yes*	
Note:	Pet Sest Jedna 1.Camera is unable to achieve high FPS. (Camera performance limitation) 2.Focus near/far active contrary. (Camera Firmware issue) 3.Bitrate list does not sync with web. (NUUO server limitation)												
Pet Sedm Jedna	AVM571	1067-1026-1035-1014-A1A1	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	Yes	Yes*	
Note:	Pet Sedm Jedna 1.Camera is unable to achieve high FPS. (Camera performance limitation) 2.Focus near/far active contrary. (Camera Firmware issue) 3.Auto focus will trigger auto pan. (Camera Firmware issue) 4.Bitrate list does not sync with web. (NUUO server limitation)												
Pet Osm Tri	AVM583	1067-1026-1035-1014-B3A6	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	Yes	Yes*	
Note:	Pet Osm Tri 1.Camera is unable to achieve high FPS. (Camera performance limitation) 2.Focus near/far active contrary. (Camera Firmware issue) 3.Tilt speed cannot be changed. (Camera Firmware issue) 4.Auto focus will trigger auto pan. (Camera Firmware issue)												
Tri Dva Osm	AVM328	1062-1028-1041-1008	H.264	1	1280x1024	Yes	1/1	-	Yes	Yes	-	Yes*	
Note:	Tri Dva Osm 1. Camera with triple stream are unable to achieve 30fps.												
Tri Sest Pet	AVM365	Refer to Tri Jedna Jedna(FW	H.264	1	1280x1024	-	1/1	-	Yes	Yes	-	Yes*	Supported by design
Tri Jedna Sedm	AVM317	1054-1028-1036-1008	H.264	1	1280x1024	Yes	1/1	-	Yes	Yes	-	Yes*	
Tri Jedna Jedna	AVM311	1054-1028-1036-1008	H.264	1	1280x1024	-	1/1	-	Yes	Yes	-	Yes*	

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
NVS202	2014.10.14_ v.1.1.5.20	H.264 MJPEG	1	960x576	2-way	1/1	Yes	Yes	Yes	-	Yes	-	
Note:	NVS202: 1. Transfer camera to different network segment will lead upnp search fail until camera update the latest IP in 24 hours. (Camera Limitation Issue) 2. Bitrate setting cannot be set more than 2M bps when camera is 960H and H.264 format. (Camera Firmware Issue)												
M2TiA	VISION_2014.09.10_v.1.1.5.19	H264 MJPEG	1	1980x1080	-	-	-	Yes	Yes	-	Yes	-	
Note:	M2TiA: 1. Snapshot are not supported due to camera limitation with 2nd stream format set to MJPEG. (Camera limitation issue) 2. Brightness setting is not synchronized with camera web. (Camera limitation issue) 3. When resolution of main stream is VGA, resolution of 2nd stream is not synchronized with camera web. (Camera firmware issue)												
MTi	VISION 1.1.5.10 20140109	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	-	Yes	-	
VD102i	refer to M2TiA(VISION 1.1.5.10 20140109)	H264 MJPEG	1	1980x1080	-	-	-	Yes	Yes	-	Yes	-	Supported by design
VD10M2	refer to M2TiA(VISION_2014.09.10_v.1.1.5.19)	H264 MJPEG	1	1980x1080	-	-	-	Yes	Yes	-	Yes	-	Supported by design
VN10M2	refer to M2TiA(VISION_2014.09.10_v.1.1.5.19)	H264 MJPEG	1	1980x1080	-	-	-	Yes	Yes	-	Yes	-	Supported by design
VN200i	refer to M2TiA(VISION 1.1.5.10 20140109)	H264 MJPEG	1	1980x1080	-	-	-	Yes	Yes	-	Yes	-	Supported by design
Note:	1. Do not support MJPEG's resolution setting. (camera firmware issue) 2. M2TiA sereies H264 D1 resolution can't be set. (camera firmware issue) 3. Brightness value can be changed, but has no effect. 4. NUUO use dual mode as connection.												
VN6XSM2Ti-IR	refre to VN7XSM2Ti-IR(VISION_2014.09.10_v.1.1.5.19)	H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	Yes	-	Supported by design
VISION VN7XSM2Ti-IR	VISION_2014.09.10_v.1.1.5.19	H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	Yes	-	
Note:	VISION VN7XSM2Ti-IR: 1. Snapshot are not supported due to camera limitation with 2nd stream format set to MJPEG. (Camera limitation issue) 2. Brightness setting is not synchronized with camera web. (Camera limitation issue)												
VISION i	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	2-way	1/1	-	Yes	-	-	-	-	
Note:	VISION i Camera : Sometimes audio from machine would fail, but there is chance to recover after reboot. (Hardware issue)												

Vision Mi	1.1.2.46	MJPEG H264	1	1280x720	2-way	1/1	-	Yes	-	-	**-**	**-**	
Note:	1. Does not support Quality with MJPEG. (camera firmware issue) 2. When setup maximum setting of camera parameters, the real FPS could not reach original value on Web, such as 15 fps of H.264 within 1920x1080, 30 fps, and 7 quality; 5~6 fps of MJPEG within 1280x720, 30fps 3. Does not support audio setup												
VISION M3i	1.1.2.46	MJPEG H264	1	1920x1080	-	1/0	Yes	Yes	-	-	-	-	
Note:	VISION M3i: 1. Some M3i sub modeltype like VN7XSM3i has support PTZ. But VDA110SM3i not. 2. Does not support Quality with MJPEG. (camera firmware issue) 3. When setup maximum setting of camera parameters, the real FPS could not reach original value on Web, such as 15 fps of H.264 within 1920x1080, 30 fps, and 7 quality; 5~6 fps of MJPEG within 1280x720, 30fps												
VISION NVS102	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	2-way	1/1	Yes	Yes	-	-	-	-	
Note:	VISION NVS102: Support both of NTSC/PAL, but can be switched only on camera web. Need to reboot camera after switched NTSC/PAL, then MainConsole will detect correct responding resolution. The value of PTZ speed control won't sync with camera web setting if it is saved in Main Console.												
Vision M3Ti	1.1.5.13 20140227	MJPEG H264	1	QXGA	2-way	1/1	Yes	Yes	Yes	-	Yes	-	
Note:	1. It can not use Autofocus function. (camera firmware issue) 2. It will not support audio setup. (camera firmware issue)												
VISION VDA101SM2Ti	refre to VN7XSM2Ti-IR(VISION_2014.09.10_v.1.1.5.19)	H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	Yes	-	Supported by design
VPD202BM2Ti-IR	1.1.5.20 20141113	H.264 MJPEG	1	1920x1080	2-way	4/2	Yes	Yes	Yes	-	Yes*	-	
Note:	VPD202BM2Ti-IR: In triple mode, bitrate of 2nd stream cannot reach 500kbps. (Camera limitation issue)												
VISION VPD101PM2Ti	refre to VN7XSM2Ti-IR(VISION_2	H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	Yes	-	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
VK2-1080BIR35V16e	refer to VK2-1080VRDIR35V16e(1.1.8)	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	Supported by design
VK2-1080BIR37e	refer to VK2-1080VRDIR35V16e(1.1.8)	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	Supported by design
VK2-1080BIR3V9F	2.0.3-T4_Release	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	
Note:	1. Cannot setup the resolution to 1280x1024 and 1280x720 of Stream2 when the resolution of Stream 1 is 1920x1080. (Camera firmware issue) 2. Cannot setup the resolution to 1920x1080 and 1280x720 of Stream2 when the resolution of Stream 1 is 1280x1024. (Camera firmware issue) 3. Cannot setup the resolution to 1920x1080 and 1280x1024 of Stream2 when the resolution of Stream 1 is 1280x720. (Camera firmware issue) 4. Cannot setup the resolution to "Same as Stream 1" when the resolution of Stream 1 is equal to Stream 2. (Camera firmware issue) 5. Camera is unable to achieve maximum 25 FPS. (Camera firmware issue)												
VK2-1080VFD3V9F	2.2.4-T3_Release	H.264 MJPEG MPEG4	1	1920x1080	-	1/0	Yes	Yes	Yes	-	Yes*	-	
Note:	1.VK21080VFD3V9F PTZ only support zoom & focus												
VK2-1080VFDIR37e	refer to VK2-1080VRDIR35V16e(1.1.8)	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	Supported by design
VK2-1080VRD3V9	1.8.8-T4_Release	H.264 MJPEG MPEG4	1	1920x1080	1-way	1/0	-	Yes	Yes	-	Yes*	-	
VK2-1080VRDIR3V9F	1.7.0-T4_release	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/0	Yes	Yes	Yes	-	Yes*	-	
VK2-1080VRDIR35V16e	1.1.8-T8_Release	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	
VK2-1080VRDIR37e	refer to VK2-1080VRDIR35V16e(1.1.8)	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	-	Supported by design
VK2-1080XVRDPTZ	1.2.1-X1_release	H.264 MJPEG	1	1920x1080	1-way	1/0	Yes	Yes	Yes	-	Yes*	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
AF5127	Refer to FE8172(0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	2-way	*2	-	*2	*2	-	Yes*	-	Yes	Supported by design
AF5127V	Refer to FE8172(0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	2-way	*2	-	*2	*2	-	Yes*	-	Yes	Supported by design
Note:	AF5127 and AF5127V are fisheye camera													
AB5353H	Refer to IP8335H(0100h)	MPEG4 M-JPEG H.264	1	1280x800	2-way	*2	-	*2	*2	-	Yes*	-	Yes	Supported by design
BB5116	Refer to IP8161	H.264 MPEG4 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
BB5315	Refer to IP8332	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes*	-	Yes	
BD5115	Refer to FD8133	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	
CC8130	0100d	H.264 M-JPEG	1	1280x800	1-way	0/0	-	Yes	Yes	-	Yes*	-	Yes	
Note:	fisheye camera													
FD61x1		MPEG4 M-JPEG	1	720x480	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
FD61x2		MPEG4 M-JPEG	1	720x480	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
FD7130	0100e	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	-	Yes	
FD7131		MPEG4 M-JPEG	1	720x480	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
FD7132	0100f	MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	-	-	-	Yes	
FD7141	0100g	MPEG4 M-JPEG	1	720x480	-	1/1	-	Yes	Yes	-	-	-	Yes	
FD7160		MPEG4 M-JPEG	1	1600x1200	-	-	-	Yes	Yes	-	-	-	Yes	Supported by design
FD8131	Refer to FD8133	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	
FD8131V	0300d	MPEG4 M-JPEG H.264	1	1280x800	-	*2	-	Yes	*2	-	Yes*	-		
FD8133		MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8133V		MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8134	0100e	MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	
Note:	FD8134-SS is compatable with FD8134													
FD8134V		MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8135H	0202C	MPEG4 M-JPEG H.264	1	1280x800	2-way	3/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	FW will casue I/O status incorrect and wrong resolution list													
FD8136	0100f	MPEG4 M-JPEG H.264	1	1280x800	1-way	1/0	Yes	Yes	Yes	-	Yes*	-	Yes	Tested by link

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
FD8137H	0101a	H.264 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	-	Yes*	-	Yes	
FD8137HV	Refer to FD8137H(0101a)	H.264 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	-	Yes*	-	Yes	
FD8138-H	Refer to IB8338-H(0100e)	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8151V	0100c	H.264 M-JPEG	1	1280x1024	1-way	*2	-	Yes	*2	-	Yes*	-	Yes	Tested by link
FD8154	0100d	H.264 MJPEG	1	1280x1024	1-way	1/0	-	Yes	Yes	-	Yes*	-	Yes	
FD8155H	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
FD8161	0100g	MPEG4 M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
FD8162		MPEG4 M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8163	0101b	MPEG4 M-JPEG H.264	1	1920x1080	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	Tested by link
FD8164	0100d	H.264 M-JPEG	1	1920x1080	1-way	1/0	-	*2	*2	-	Yes*	-	Yes	Tested by link
FD8165H	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
FD8166	0100g	M-JPEG H.264	1	1920x1080	1-way	*2	-	Yes	*2	-	Yes*	-	Yes	
FD8167	0103a	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Camera is unable to achieve highest framerate. (Camera performance issue)													
FD8168	0100e	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	*2	-	Yes*	-	Yes	
FD8169	0100f	H.264 MJPEG	1	1920x1080	-	-	-	Yes	*2	-	Yes*	-	Yes	
Note:	Video parameter's range is displayed incorrectly. (Camera firmware issue)													
FD816B-HF2	0101b	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1.Audio with format MJPEG does not support. (Camera firmware issue) 2.Camera with higher resolution like 1920x1080 or 1080x720 is unable to achieve expected fps value. (Camera performance limitation) 3.The camera with format H.264 is unable to achieve expected bitrate vlaue.(Camera performance limitation)													
FD8171	0100e	H.264 MPEG4 M-JPEG	1	2048x1536	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	
FD8181	Refer to FD8381-EV(0101c)	M-JPEG H.264	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8335H	0101a	MPEG4 M-JPEG H.264	1	1200x800	2-way	3/1	-	Yes	Yes	-	Yes*	-	Yes	Tested by link
FD8338-HV	Refer to IB8338-H(0100e)	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8355EHV	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
FD8361	0100d1	MPEG4 M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	

VIVOTEK	- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support													
Device Name	**Tested Firmware**	**Video Format**	**Video Ch**	**Max Resolution**	**Audio**	**I/O Ch**	**PTZ**	**On-Edge Motion**	**UPnP**	**Auto Pan**	**Multi Stream Support**	**Edge Record**	**Liveview Buffering**	**Remarks**
note:	FD8361 can't set other resolution on stream 3. (camera FW 0202b fixed.)													
FD8361L		MPEG4 M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8362		MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
FD8362E	0100c	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
FD8363	0102a	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
FD8365EHV	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
FD8367-V	0101b	M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
FD8367-TV	0101b	M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
FD8371EV	0100i	MPEG4 M-JPEG H.264	1	2048x1536	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
FD8372	0100f	MPEG4 M-JPEG H.264	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
FD8381-EV	0101c	M-JPEG H.264	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1. When resolution large than 2048x2048, we don't support audio. (Camera firmware issue) 2. Audio has noise. (Camera firmware issue) 3. Snapshot's resolution is same as stream 3. (Camera limitation) 4. Camera is unable to achieve high FPS.(Camera performance limitation) 5.Smart stream will set fail. (Camera firmware issue)													
FE8171V	0100d	H.264 MPEG4 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes		Yes*	-	Yes	
Note:	Fisheye camera													
FE8172	0100f	H.264 MPEG4 M-JPEG	1	1920x1920	2-way	1/1	-	-	-	-	Yes*	-	Yes	
Note:	Fisheye camera													
FE8172V	Refer to FE8172(0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	2-way	*2	-	-	*2	-	Yes*	-	Yes	
Note:	1. Not support CBR mode 2. MJPEG not support audio 3. Not support AAC audio 4. When resolution is 1360x786, video stream would have a white line at the left-buttom of the frame. 5. If set to Full HD mode, the low profile video stream would have a color line at the buttom of frame. 6. Link can not test UPnP, motion detection and talk 7. Fisheye camera													
FE8173	0100c	MPEG4 M-JPEG H.264	####	1536x1536	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	
Note:	fisheye camera													
FE8174	0100e	H.264 MPEG4 M-JPEG	1	1920x1920	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Yes	
Note:	fisheye camera													
FE8174V	Refer to FE8174(0100e)	H.264 MPEG4 M-JPEG	1	1920x1920	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	fisheye camera													

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
FE8180	0100f	H.264 MJPEG	1	1920x1920	-	-	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1.The list of camera Mount Type is not synchronized with the one on camera's web.(Camera Firmware issue) 2. Frame rate can not achieve to setting value. (Camera performance limitation)													
FE8181	0200b	H.264 MPEG4 M-JPEG	1	1920x1920	2-way	1/1	Yes	Yes	Yes	-	Yes*	Yes	Yes	
Note:	Fisheye camera 1. PTZ only support zoom. 2. Brightness & Contrast range is not synchronize with web.(Camera firmware issue) 3. Snapshot will save stream3's resolution. (Camera firmware issue)													
FE8391-V	0100f	H.264 MJPEG	1	2944x2944	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Camera is unable to achieve maximum FPS and Bit rate.(Camera performance limitation) 2. Talk has noise.(Camera performance limitation) 3.The list of camera bit rate control is not synchronized with the one on camera's web.(Camera Firmware issue)													
Generic	0101b	MPEG4 M-JPEG H.264	1	All	2-way	8/8	Yes	Yes	Yes	Yes	Yes*	-	-	
IB8338-H	0100e	H.264 MJPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	1. Audio has noise. (Camera firmware issue) 2. Snapshot's resolution is same as stream 3. (Camera limitation) 3.Smart stream will set fail. (Camera firmware issue)													
IB8369	0100f	H.264 MJPEG	1	1920x1080	-	-	-	Yes	*2	-	Yes*	-	Yes	
IB8381	Refer to FD8381-EV(0101c)	M-JPEG H.264	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
Note:	Video parameter's range is displayed incorrectly. (Camera firmware issue)													
IP21x1		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP21x2		M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP3132		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP3133		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP3135		H.263	1	720x576	1-way	-	-	Yes	Yes	-	-	-	Yes	Supported by design
IP3135-PLNK		H.263	1	720x576	1-way	1/2	-	Yes	Yes	-	-	-	Yes	Supported by design
IP3136		H.263	1	720x576	1-way	-	-	Yes	Yes	-	-	-	Yes	Supported by design
IP3136-PLNK		H.263	1	720x576	1-way	1/2	-	Yes	Yes	-	-	-	Yes	Supported by design
IP3137		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP31x1	0201b	H.263	1	720x576	-	1/1	-	Yes	Yes	-	-	-	Yes	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
IP31x1TLFN		H.263	1	720x576	-	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP31x2		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP31x7		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP51x2		MPEG4	1	720x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP51x4		MPEG4	1	720x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP6114		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP6124		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP61x2		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP61x4		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP61X7		MPEG4 M-JPEG	1	720x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7130	0100c	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
IP7131		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7132		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7133	0100b	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
IP7134	0100b	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
Note:	supports AAC codec (16,32,64K bits options)													
IP7135		MPEG4	1	704x576	1-way	-	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7137		MPEG4	1	704x576	1-way	-	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7138	0101h	MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
IP7139		MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7142		MPEG4 M-JPEG	1	704x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7151		MPEG4 M-JPEG	1	704x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7152		MPEG4 M-JPEG	1	704x576	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7153	0100g	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
IP7154	0100b	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
IP7160	0101b	MPEG4 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	-	-	Yes	
Note:	IP7160-SS is compatable with IP7160													
IP7161		MPEG4 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
Note:	IP7161-SS is compatable with IP7161													
IP71x7		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7251	0100f	MPEG4	1	640x480	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	
IP7330		MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	-	-	-	Yes	Supported by design
IP7361		MPEG4 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
IP8130	0100e	M-JPEG H.264	1	1280x800	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	
IP8130W	Refer to IP8130(0100e)	M-JPEG H.264	1	1280x800	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	Supported by design
IP8131	Refer to IP8131W(0100e)	M-JPEG H.264	1	1280x800	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	Supported by design
IP8131W	0100e	M-JPEG H.264	1	1280x800	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	
IP8132		MPEG4 M-JPEG H.264	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
IP8133W	0100c	MPEG4 M-JPEG H.264	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
IP8151		MPEG4 M-JPEG H.264	1	1280x800	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
Note:	IP8151-SS and IP8151P are compatable with IP8151													
IP8152	0100e	M-JPEG H.264	1	1280x1024	2-way	1/0	Yes	Yes	Yes	Yes	Yes*	-	Yes	
Note:	IP8152: CGI return a wrong PTZ capability													
IP8155												-	-	
IP8155HP	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
IP816A-HP	0100f	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	-	
Note:	1. Audio has noise. (Camera firmware issue) 2. Snapshot's resolution is same as stream 3. (Camera limitation) 3. Camera is unable to achieve high FPS. (Camera performance limitation)													
IP8161	0101b	MPEG4 M-JPEG H.264	1	1600x1200	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	IP8161-SS is compatable with IP8161													
IP8162		MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
IP8162P	0100f	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	PTZ only support zoom in/out IP8162P-SS is compatable with IP8162P													
IP8165HP	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design

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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
IP8172	0100a0	MPEG4 M-JPEG H.264	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	Not support CBR mode in MainConsole, MJPEG not support audio, Not support AAC audio													
IP8173H	0100i	MPEG4 M-JPEG H.264	1	2048x1536	2-way(*2)	1/0(*2)	*2	Yes	*2	-	Yes*	-	Yes	Tested by link
IP8330	MJPEG not support audio	MPEG4 M-JPEG H.264	1	640x480	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	
IP8331	Not support AAC audio	MPEG4 M-JPEG H.264	1	640x480	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	
IP8332		MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	-	Yes*	-	Yes	Supported by design
Note:	IP8332-SS is compatable with IP8332													
IP8335H	0100h	MPEG4 M-JPEG H.264	1	1280x800	2-way	3/1	-	Yes	Yes	-	Yes*	-	Yes	Tested by link
Note:	Audio, I/O, Upnp ,PTZ can't testing by link													
IP8337H-C	0100b	M-JPEG H.264	1	1280x800	-	1/0(*2)	-	Yes	*2	-	Yes*	-	Yes	Tested by link
IP8352	0100g	MPEG4 M-JPEG H.264	1	1280x1024	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
IP8355EH	0100e	H.264 MJPEG	1	1280x1024	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	
IP8361	0100c	MPEG4 M-JPEG H.264	1	1600x1200	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	Tested by link
IP8362	0100d	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
IP8364	0101a	H.264 M-JPEG	1	1920x1080	-	1/0(*2)	-	Yes	*2	-	Yes*	-	Yes	
IB8367-RT	0100f	H.264 M-JPEG	1	1920x1080	*2	*2	-	*2	*2	-	Yes*	-	Yes	Tested by link
IP8336W	0102b	MPEG4 M-JPEG H.264	1	1280x800	1-way(*2)	1/0(*2)	-	Yes	*2	-	Yes*	-	Yes	Tested by link
IP8355EH	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
IP8365EH	Refer to IP816A-HP(0100f)	H.264 M-JPEG	1	1920x1080	2-way	3/1	Yes*	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
IP8371E	0100g	MPEG4 M-JPEG H.264	1	2048x1536	2-way(*2)	1/1(*2)	-	*2	*2	-	Yes*	-	Yes	
IP8372	0100e	MPEG4 M-JPEG H.264	1	2560x1920	1-way	*2	-	Yes	*2	-	Yes*	-	Yes	Tested by link
IZ7151		MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
Note:	PTZ only support zoom in/out.													
MD7530	0100d	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	-	-	-	Yes	
MD7560	0100c	MPEG4 M-JPEG	1	1600x1200	2-way	1/0	-	Yes	Yes	-	-	-	Yes	Tested by link
Note:	MD7560 : Audio, I/O, Upnp can't testing by link													
MD7560X	Refer to MD7560	MPEG4 M-JPEG	1	1600x1200	2-way	1/0	-	Yes	Yes	-	-	-	Yes	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
MD8531H	0100h	MPEG4 M-JPEG H.264	1	1280x960	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	
Note:	Video parameter setting is incorrect displayed.													
MD8562	0100c	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/0	-	Yes	Yes	-	Yes*	-	Yes	
MS8391-EV	0100e	H.264 MJPEG	1	7552x1416	*2	*2	-	*2	*2	-	Yes*	-	Yes	
Note:	1. Framerate lists can not synchronize with web in resolution 768x144 & 7552x1416. (Camera Firmware Issue) 2. Brightness & Contrast range can not synchronize with web. (Camera Firmware Issue) 3. Camera is unable to achieve maximum FPS in maximum parameter. (Camera performance limitation)													
PD8136	0100e	MPEG4 M-JPEG H.264	1	1280x800	1-way	0/0	Yes	Yes	*2	-	Yes*	-	Yes	
Note:	PD8136 : no support zoom.													
PT3134		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT31x2		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT31x3		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT31x4		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT31x7		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT7000		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT7135		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT7137		MPEG4	1	704x576	1-way	-	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PT8133	0100g	MPEG4 M-JPEG H.264	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes*	-	Yes	Tested by link
PZ61x2	0105e	MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	
PZ61x4		MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PZ7131	0100b	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	
PZ7132		MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PZ7151	0101b	MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	
PZ7152		MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PZ71X1		MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PZ71X2		MPEG4 M-JPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
PZ81x1		MPEG4 M-JPEG H.264	1	720x480	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
PZ81x1W	0100e	MPEG4 M-JPEG H.264	1	720x480	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Tested by link
SD61x2		MPEG4 M-JPEG	1	720x576	2-way	4/1	Yes	Yes	Yes	-	-	-	Yes	Supported by design
SD7151	0101d	MPEG4 M-JPEG	1	720x576	2-way	4/1	Yes	Yes	Yes	-	-	-	Yes	
Note:	No audio support in M-JPEG format.													
SD73X3	0100h	MPEG4 M-JPEG	1	704x576	2-way	4/1	Yes	Yes	Yes	-	-	-	Yes	
SD81X1	0100g	MPEG4 M-JPEG H.264	1	720x576	2-way	4/1	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	SD81X1 : Audio, I/O, Upnp can't testing by link SD81X1P-SS is compatable with SD81X1													
SD8362	0104a	MPEG4 M-JPEG H.264	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
SD8362E	0104a	MPEG4 M-JPEG H.264	1	1920x1080	2-way	3/2	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	SD8362E : Audio, I/O, Upnp can't testing by link SD8362E-SS is compatable with SD8362E													
SD8363E	0202b	MPEG4 M-JPEG H.264	1	1920x1080	2-way	*2	Yes	Yes	*2	-	Yes*	-	Yes	
Note:	1.Work with SF8172 as PPTZ model 2.Video parameter setting is incorrect displayed.													
SD83x1	0100e	MPEG4 M-JPEG H.264	1	720x480	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Tested by link
SD83x2		MPEG4 M-JPEG H.264	1	720x480	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SD83x3	0102d	MPEG4 M-JPEG H.264	1	720x480	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
Note:	SD83X3 : Audio, I/O, Upnp can't testing by link SD8323E-SS is compatable with SD83x3													
SD83x4	0200c	MPEG4 M-JPEG H.264	1	720x480	2-way	4/2	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
SD83x6	0200c	MPEG4 M-JPEG H.264	1	720x480	2-way	4/2	Yes	Yes	Yes	-	Yes*	-	Yes	
SD8364E	0200d	MPEG4 M-JPEG H.264	1	1920x1080	2-way	*2	Yes	Yes	*2	Yes	Yes*	-	Yes	
SD9364-EHL	0100h_15	H.265 H.264 MJPEG	1	1920x1080	*2	4/2	Yes	*2	*2	-	Yes*	-	Yes	
Note:	1. Camera can not achieve the settings of frame rate or bitrate. (Camera Firmware issue)													
SF8172	0100d	MPEG4 M-JPEG H.264	1	1920x1920	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	
Note:	Fisheye camera													
SF8172V	Refer to SF8172(0100d)	MPEG4 M-JPEG H.264	1	1920x1920	2-way	1/1	-	Yes	Yes	-	Yes*	-	Yes	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
Note:	SF8172 and SF8172V: 1. Support PPTZ. 2. FishEye camera. 3. The first 1080p stream connection to camera can reach up to 30 fps, but the second 1080p stream connection can't. It is because of the constrain by CPU decode performance of camera.													
SF8174	0100c	MPEG4 M-JPEG H.264	1	1920x1920	2-way	*2	-	Yes	*2	-	Yes*	-	Yes	
Note:	1. SD8363E and SF8174 are PPTZ 2. Fisheye camera.													
TC5330		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	-	Yes	Supported by design
TC5331		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	-	-	Yes	Supported by design
TC5630		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	-	-	Yes	
TC5631		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	-	-	Yes	
VS2101		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
VS2401		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	-	-	Yes	Supported by design
VS2402		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	-	-	Yes	Supported by design
VS2403	0103b	M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	-	-	-	Yes	
VS3100		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
VS3101		H.263	1	720x576	-	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
VS3102		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
VS3102-XLTH		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	-	-	Yes	Supported by design
VS7100	0101e	MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes	Yes	-	-	-	Yes	
VS8100	0100g	H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	Yes	Yes	Yes*	-	Yes	
VS8102	0200c	MPEG4 M-JPEG H.264	1	720x480	2-way	1/1	Yes	Yes	Yes	-	Yes*	-	Yes	
VS8401		MPEG4 M-JPEG H.264	4	720x576	2-way	4/4	Yes	Yes	Yes	-	Yes*	-	Yes	Supported by design
VS8801	0202a3	MPEG4 M-JPEG H.264	8	720x576	2-way	8/8	Yes	Yes	Yes	-	Yes*	-	Yes	
Note:	VS8801: 1. PTZ will be no response when Tilt speed 1~3 2. PTZ will be speed down when Pan speed 4~5													
Note:	MPEG4: Unable to connect through HTTP.													
Note:	Smart stream function support only if Vivotek camera support this function.													

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
MPIX-21DF	2.420.WT00.0.T, build : 2014-06-19	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes	
Note:	1. The range of parameter on camera will change by other parameter, our parameter dialog can't synchornize with camera. (Camera firmware issue) 2. The camera can't be search by auto detection function and UPNP tool. (Camera firmware issue) 3. When framerate set to 1 and record dynamic picture, the picture's framerate may rise to 30 immediately. (Camera firmware issue) 4. Video parameter setting and rotate function may result in failure by Day/Night profile. (Camera firmware issue)												
MPIX-30-VDV-IRM	2.420.WT00.0.T	H.264 MJPEG	1	2048x1536	-	1/1	Yes	Yes	Yes	-	Yes	Yes	
Note:	1. The range of parameter on camera will be changed by other parameter setting, thus our parameter dialog can't synchornize with camera.(Camera firmware issue) 2. Not support Zoom and Focus.(Camera firmware issue) 3. Not support UPnP search.(Camera firmware issue) 4. Not support Auto Detection.(Camera firmware issue) 5. The range of bitrate and value are different from camera web under MJPEG.(Camera firmware issue) 6. Get camera config will be failed when triple stream are MJPEG with highest parameter.(Camera performance limitation)												
MPIX-50BIMR	2.210.WT00.0.R	H.264 MJPEG	1	2560x1920	2-way	2/1	Yes	Yes	Yes	-	Yes	Yes	
Note:	1. The range of parameter on camera will be changed by other parameter setting, our parameter dialog can't synchornize with camera.(Camera firmware issue) 2. Not support UPNP search.(Camera firmware issue) 3. Not support Auto Detection.(Camera firmware issue) 4. Audio in with 16 KHz sampling rate is not supported. 5. PCM in audio format can't be used.(Camera firmware issue) 6. Sub stream can't be used in MJPEG.(Camera firmware issue)												

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
WK-SD6000HD	v1.4.1.8	H.264 MJPEG	1	1920x1080	2-way	-	*2	*2	*2	-	-	-	

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For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

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- : not avaliable on camera
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*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
YUC-H626A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7926A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7926AM	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7982	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7982M	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H79882	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7A26A	VE1.0.20.10_Y	H.264 MJPEG	2	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
YUC-H7A82	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	
Note:	1. Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) 2.Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) 3. Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue)												
YUC-H7A855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7B82	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7B82M	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-H7B882	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HB26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design

YUC-HB855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HC26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HC855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HD26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HD855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HH26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HH855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-Hi26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-Hi26AM	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-Hi82	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-Hi82M	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-Hi882	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HK26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HK855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HL26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HL26AM	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HL82	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HL882	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design

YUC-HMi855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HNi855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HP82	Refer to YUC-H7A82(VH1.0.0.3_Y)	H.264 MJPEG	1	2688x1520	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HQ26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HQ855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HS26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HS855	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design
YUC-HV26A	Refer to YUC-H7A26A(VE1.0.20.10_Y)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes*	-	Support by design

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For multi stream support:
Yes:R2 multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
B5010	Refer to Beward N600 (M2.0.9.13.1)	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	-	-	-	Yes	Supported by design
B5110		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
B5111	M2.1.6.02 C045	H.264 MJPEG MPEG4	1	1280x800	-	-	-	Yes	Yes	-	-	Yes*	-	Yes	
Note:	1. Camera with format MJPEG MPEG4 and high resolution is unable to achieve 30 fps. (Camera performance limitation) 2. Stream 2 & stream 3's resolution list can not synchronize with web. (Camera firmware issue)														
B5210	M2.1.6.05	H.264 MPEG4 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1. Resolution list can not synchronize with web in MPEG4. (Camera Firmware issue)														
B6110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	-	-	
B6210	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1. Framerate is unable to achieve setting value in MJPEG 1920x1080. (Camera performance limitation)														
B6220	03_C002	H.264 MJPEG	1	1920x1080	2-way	2/1	-	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1. Camera can not achieve the setting bit rate. (Camera Firmware issue) 2. Volume of camera audio-in is low. (Camera Firmware issue)														
B6320	01_C018	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1. Display mosaic happen in 2304x1296 MJPEG. (Camera performance limitation) 2. Quality list can not synchronize with web. (Camera Firmware issue) 3. Bitrate list can not synchronize with web in MJPEG. (Camera Firmware issue)														
B6330	Refer to B8520(01_C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
B6520	01_C018	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	
Note:	1. Camera web does not have WDR setting. (Camara Firmware issue) 2. Quality list can not synchronize with web. (Camera Firmware issue)														
B6530	Refer to B8520(01_C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
B7210	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	-	Yes	Yes	-	-	Yes*	-	Yes	
Note:	1. Setting will failed when setting the resolution to 640x360.(Camerat firmware issue) 2. Camera is unable to achieve maximum FPS.(Camera performance limitation) 3. Camera setting will fail randomly.(Camera firmware issue)														
B7320	M3.1.5.17	M-JPEG H.264	1	2048x1536	2-way	2/2	-	Yes	Yes	-	-	-	-	-	
Note	Not support audio in.														
B7510	M3.1.5.19	H264 MJPEG	1	2560x1920	2-way	2/2	-	Yes	Yes	-	-	-	-	Yes	
B8210	02_C022	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes*	-	Yes	

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For multi stream support:
Yes:R2 multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
Note:	1. Audio has noise with AMR. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS. (Camera performance limitation) 3. Move can't not move to center. (Camera Firmware issue) 4. Speed range is not synchronize with web. (Camera Firmware issue)														
B8220	01_C020	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	Yes	Yes	
Note:	1. Camera can not achieve the setting FPS. (Camera Firmware Issue) 2. Quality can not be set to Detailed or Excellent when format is MJPEG. (Camera firmware issue)														
B8520	01_C028	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
Note:	1. The bitrate list can not sync with camera's web. (Camera Firmware Issue) 2. Can not retrieve the recording file from camera. (Camera firmware issue)														
D3100	M2.1.6.02.0830	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
D3200	M2.1.6.02 C066	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
Note:	D3200 1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware														
D4210	M2.1.5.11	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	
D4211	03_c011	H.264/MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes*	Yes	Yes	
D4320	01_C020	H.264 H.265 MJPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	
Note:	1. Audio has noise. (Camera Firmware issue) 2. Not G.726 support. (NUUO server limitation) 3. Quality list may not be synchronized with camera web. (Camera Firmware issue)														
D4520	01_C017	H.264 H.265 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	
Note:	1. Quality list can not synchronize with web in MJPEG with high resolution. (Camera firmware issue) 2. Frame rate list can not synchronize with web. (Camera firmware issue) 3. Bitrate is unable to achieve setting value in. (Camera performance limitation) 4. Frame rate is unable to achieve 30 fps in MJPEG with 1920x1080. (Camera performance limitation) 5. G.726 can not be used. (NUUO server limitation)														
D510E		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
D5110		H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	-	Yes	-	-	-	-	-	Supported by design
D5111		H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	-	Yes	-	-	-	-	-	Supported by design
D5112	Refer to D5113	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	-	-	-	-	Yes	Supported by design
D5113	Refer to D7111	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	-	-	-	-	Yes	
D520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	

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Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
D5210	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	
Note:	D5210: Due to camera restriction, some video setting will fail. This situation will be the same as camera web. (Camera performance limitation)														
D610A		MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-	-	-	-	Testing by manufactor
D6111	MG.0.6.01 _C1	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	-	-	
D611E		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Testing by manufactor
D6210	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1. Framerate is unable to achieve setting value in MJPEG 1920x1080. (Camera performance limitation)														
D6220	Refer to B6220(03_ C002)	H.264 MJPEG	1	1920x1080	2-way	2/1	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
D6320	01_C013	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1. Display mosaic happen in 2304x1296 MJPEG. (Camera performance limitation) 2. Quality list can not synchronize with web. (Camera Firmware issue) 3. Bitrate list can not synchronize with web in MJPEG. (Camera Firmware issue)														
D6330	Refer to B8520(01_ C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
D6520	Refer to B6520(01_ C020)	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
D6530	Refer to B8520(01_ C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
D7110	MG.1.6.03 P7_app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	Yes	-	-	-	-	-	
D7111	M2.0.3.3.6	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	-	-	-	-	Yes	
D7210	M2.1.6.02 C066	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	Supported by design
Note:	1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1920x1080 and 1280x800. It's the limitation of hardware														
D7320	M3.1.5.21	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
Note:	Frame rate can't reach setting value														
D7510	M3.04.15. C01	H.264 M-JPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
Note:	1. Framerate support 1~15 only. 2. Connecting stream by RTSP over HTTP in high video quality will cause delayed image and broken voice.														
D8210	02_C022	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1. Audio has noise with AMR. (Camera Firmware issue) 2. Camera with highest resolution is unable to achieve maximum FPS. (Camera performance limitation) 3. PTZ only support zoom & focus.														

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Yes*: multi stream setting support
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Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
D8220	01_C020	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	
Note:	1. Audio has noise. (Camera Firmware issue) 2. G.726 does not supported. (NUUO server limitation)														
D8520	Refer to B8520(01_C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
Note:	1. PTZ panel can not normally wrok, because this camera is not support PTZ features. (Camera Hardware Issue)														
F1100	Refer to F1105	M-JPEG	1	1280x720	1-way	-	-	Yes	Yes	-	-	-	-	-	
F1105	BP.1.6.01	M-JPEG	1	1280x720	1-way	-	-	Yes	Yes	-	-	-	-	-	
F210A	Refer to F531E	MPEG4 M-JPEG	1	640x480	2-way	-	-	Yes	Yes	-	-	-	-	-	
F3000		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
F3005		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
F3100		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	-	-	-	Yes	-	-	-	-	-	Supported by design
F3101	Refer to F3106	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	Yes	-	-	-	-	-	
F3102	M2.1.6.02 C045	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	Supported by design
Note:	1. For F3102, the AMR7.95 can not work. 2. For F3102, the AMR mode of talk function can not work.														
F3105		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	-	-	-	Yes	-	-	-	-	-	Supported by design
F3106	MG.1.6.03 C8	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	-	-	Yes	Yes	-	-	-	-	-	
F3107	M2.1.6.05	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	
Note:	1.Audio via AMR has noises. (Firmware issue) 2.Camera is unable to achieve high FPS with resolution 1280x800.(Camera performance limitation)														
F3110	M2.1.6.02 C045	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
Note:	1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware														
F3115	M2.1.6.02 C045	H.264 MPEG4 M-JPEG	1	1280x800	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	Supported by design
Note:	1. For F3115, the AMR7.95 can not work. 2. For F3115, the AMR mode of talk function can not work.														
F312A		MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-	-	-	-	Supported by design
F3201	Refer to F3206	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	-	-	Yes	Yes	-	-	-	-	-	
F3206	M2.P2P_0314	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	-	Yes	Yes	-	-	-	-	Yes	

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Yes*: multi stream setting support
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Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
F3210	M2.1.6.03 C019	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	-	-	Yes	
Note:	For F3210, the AMR mode of talk function can not work.														
F3215	M2.1.6.05 C016	H.264 M-JPEG MPEG4	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	
Note:	Resolution list is not synchronized with camera web due to resolution setting limitation. (Camera limitation issue)														
F4215	Refer to D4211 (03_c011)	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes*	Yes	Yes	Supported by design
F5100	MG.0.5.0.1	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	-	-	
F5105		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F510E		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F510W		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F5110		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F5115		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F511E		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F511W		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F520E	LM.1.6.16. 03P2	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	
F521E	LM.1.6.16. 03	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	
F531E	LM.1.6.18P 9_testport 2	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	Yes	Yes	-	-	-	-	-	Supported by design
F610A		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Supported by design
F611E		MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	Testing by manufactor
F7110	MG.1.6.02 C9	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	2/2	Yes	-	Yes	-	-	-	-	-	
F7115		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	2/2	-	-	Yes	-	-	-	-	-	Supported by design
F7210	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	-	Yes*	-	Yes	
F721A		MPEG4 M-JPEG	1	640x480	2-way	-	-	-	Yes	-	-	-	-	-	Supported by design
F7220	Refer to B8520(01_ C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
F731E	LM.1.6.16. 03	MPEG4 M-JPEG	1	640x480	2-way	1/1	-	-	Yes	-	-	-	-	-	

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes:R2 multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
F7320	Refer to B8520(01_C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
F7520	Refer to B8520(01_C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	Yes	Supported by design
Generic	Tested by P6210(2.1.5.20)	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	-	-	-	Yes*	-	Yes	
Note:	Generic: 1. It may fail to set Profile 2 to 1920x1080 or 1280x720. (Camera Firmware Issue) 2. Not support to set profile 3 to 1920x1080 or 1280x720; while the setting is supported in camera web. (Camera Firmware Issue)														
M510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	-	Yes	-	-	-	-	-	
M510W	LM.1.6.16.03P2	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	-	Yes	-	-	-	-	-	
M511E	LM.1.6.16.03P2	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	-	Yes	-	-	-	-	-	
M511W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	-	Yes	-	-	-	-	-	
N24420	Refer to P4420(Fisheye_Test_T1)	H.264 H.265	1	2048x1520	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	-	Supported by design
N24320	Refer to P4320 (01_C013)	H.264 H.265 MJPEG	1	2048x1520	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	-	Supported by design
N24520	Refer to P4520(01_C013)	H.264 H.265 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes	Yes*	-	-	Supported by design
N26210	Refer to P6210(M2.1.5.11)	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes*	-	-	Supported by design
Note:	1. Stream 2 CGI setting will fail when resolution of Profile3 is 1920x1080 and 1280x720.(Camera Firmware issue) 2. The camera with higher quality and MJPEG format is unable to achieve 30 fps.(Camera Firmware issue)														
N26211	Refer to P6211(M2.1.5.11)	H.264 M-JPEG	1	1920x1080	*2	*2	*2	Yes	*2	-	-	Yes*	-	-	Supported by design
Note:	1. Stream 2 CGI setting will fail when resolution of Profile3 is 1920x1080 and 1280x720.(Camera Firmware issue) 2. The camera with higher quality and MJPEG format is unable to achieve 30 fps.(Camera Firmware issue)														
N36210	Refer to B6210(03_C002)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
N36220	Refer to B6220(03_C002)	H.264 MJPEG	1	1920x1080	2-way	2/1	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
N36320	Refer toB6320(01_C018)	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
N36520	Refer to B6520(01_C018)	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
N37320	Refer to B7320(M3.1.5.17)	M-JPEG H.264	1	2048x1536	2-way	2/2	-	Yes	Yes	-	-	-	-	-	Supported by design
N37510	Refer to B7510(M3.1.5.19)	H264 MJPEG	1	2560x1920	2-way	2/2	-	Yes	Yes	-	-	-	-	-	Supported by design

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*2: not test on software
For multi stream support:
Yes:R2 multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
N38210	Refer to B8210(02)	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
N38220	Refer to B8220(01_C013)	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	Yes	-	Supported by design
N38520	Refer to B8520(01_C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	-	Supported by design
N74210	Refer to D4210(M2.1.5.11)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	-	Supported by design
N74211	Refer to D4211(02_C022)	H264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	-	Supported by design
N74320	Refer to D4320 (01_C014)	H.264 H.265 MJPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	-	Supported by design
N74520	Refer to D4520 (01_C017)	H.264 H.265 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
N76210	Refer to D6210(03_C002)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes	Yes*	-	-	Supported by design
N76220	Refer to B6220(03_C002)	H.264 MJPEG	1	1920x1080	2-way	2/1	-	Yes	Yes	-	Yes	Yes*	-	Yes	Supported by design
N76320	Refer to D6320(01_C013)	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes	Yes*	-	-	Supported by design
N76520	Refer to B6520(01_C018)	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes	Yes	Yes*	-	Yes	Supported by design
N77320	Refer to D7320(M3.1.5.21)	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	-	-	-	-	-	Supported by design
Note:	1. Frame rate can't reach setting value.(Firmware issue)														
N77510	Refer to D7510(M3.04.15.C01	H.264 M-JPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	-	-	-	-	Supported by design
N78210	Refer to D8210(02_C022)	H.264 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	Yes	Yes	-	-	Supported by design
N78220	Refer to B8220(01_C013)	H.264 H.265 MJPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	Yes	-	Supported by design
N78520	Refer to B8520(01_C028)	H.264 H.265 MJPEG	1	2560x1920	2-way	2/2	Yes	Yes	Yes	Yes#	Yes	Yes*	-	-	Supported by design
NFE5404	Refer to P4420(Fisheye_Test	H.264 H.265	1	2048x1520	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	-	Supported by design
P4320	01_C020	H.264 H.265 MJPEG	1	2048x1520	2-way	1/1	-	Yes	Yes	-	-	Yes*	-	Yes	
Note:	1. Frame rate is unable to achieve setting value in H.265. (Camera performance limitation) 2. Quality list may not synchronize with web. (Camera firmware issue) 3.Audio in G.726 can not we used. (NUUO server limitation)														
P4520	01_C020	H.264 H.265 MJPEG	1	2560x1920	2-way	1/1	-	Yes	Yes	-	Yes	Yes*	-	Yes	
Note:	1.Frame rate list does not synchronize with web. (Camera Firmware issue) 2.Quality list does not synchronize with web. (Camera Firmware issue) 3.Textures will be broken in MJPEG 2560x1920. (Camera Firmware issue) 4.Multi-Stream Setting's auto mode can not set correctly. (Camera Firmware issue)														

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes:R2 multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support
For edge IVS event support :
Yes#: Support 4 types of edge IVS event, can configure motion event setting only
Note : edge IVS event type : motion, tampering, tripwire, and perimeter detection
###Turn on the Analog Video output will lead to unconnectable. (NUUO server limitation)###

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Edge IVS event	Advanced setting on Server	Multi Stream Support	Edge Record	Liveview Buffering	Remarks
P5110		H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	-	Yes	-	-	-	-	-	Testing by manufactor
P5111	Refer to P5116	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	-	-	-	-	Yes	Supported by design
P5115	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	-	Yes	-	-	-	-	-	
P5116	M2.1.6.02	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	-	-	-	-	Yes	
Note:	1. PTZ Support pan and tilt only. 2. There is no audio when using AMR 7.95. 3. The max frame rate of MPEG4 and MJPEG is up to 20 FPS in 1280x800. It's the limitation of hardware.														
P5210		H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	-	-	-	-	Yes	
P6210	M2.1.5.11	H.264 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	Yes*	-	Yes	
Note:	P6210: 1. Stream 2 setting will fail when resolution of Profile3 is 1920x1080 and 1280x720. (Camera limitation) 2. The camera with higher quality and MJPEG format is unable to achieve 30 fps. (Camera limitation)														
P6211	02_C022	H.264 M-JPEG	1	1920x1080	*2	*2	Yes	Yes	*2	-	-	Yes*	-	Yes	
P6211	0120NewPhyWith1118BallBin	H.264 H.265 MJPEG	1	1920x1080	*2	2/1	Yes*	Yes	*2	-	-	Yes*	-	Yes	
Note:	1. The camera with high parameter settings is unable to acheve the setting framerate value. (Camera performance issue)														
V1100	M2.1.6.03	H.264 MPEG4 M-JPEG	1	720x576	2-way	1/1	Yes	Yes	Yes	-	-	-	-	Yes	
Note:	AMR can't be used in audio in/out.														
V111T	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	2-way	1/1	Yes	-	Yes	-	-	-	-	-	
Note:	1. For F7210, due to audio and PTZ malfunction, the two functions can't be verified unless new camera sample is provided. Thus, audio and PTZ function for F7210 is not guaranteed. 2. For D3100, there is no audio and the UPnP doesn't include port settings. The two are known as FW issue.														

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
				- : not avaliable on camera *1: not avaliable on software *2: not test on software For multi stream support: Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support									
N1011		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
N1012		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
N1031		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
N1032		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
N3011		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
N3012		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-		Supported by design
N3031		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N3032		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N3071	Refer to 3S N3072	H264 M-JPEG	1	1600x1200	1-way	-	-	Yes	Yes	-	-	-	Supported by design
N3072	V1.13.0_STD-1	H.264	1	1600x1200	2-way	1/1	Yes*	Yes	Yes	-	Yes*	-	
Note	1. The bit rate via MJPEG is too high. (Camera performance limitation) 2. The frame rate via MJPEG is unable to achieve maximum FPS. (Camera performance limitation) 3. Connection lost when frame rate is set to 1 fps. (Camera performance limitation) 4. Pan and tilt speed will set together. (Camera Firmware issue) 5. Down left, Down right, up left and up right will pan first and then still tilt. (Camera Firmware issue)												
N5012	V1.01_STD-1	H.264 MJPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	-	-	-	
Note	1.HTTP port always 80 when using UPnP search.												
N5013	V1.04_STD-1	H.264 MJPEG	1	704x576	2-way	1/1	Yes	Yes	Yes	-	Yes	-	
N5071	V1.03_STD-1	H264 M-JPEG	1	704x576/ 704x480	1-way	-	Yes	Yes	Yes	-	-	-	
N6011		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6012		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6013		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6014		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6015		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6016		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6031		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6032		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6033		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
					- : not avaliable on camera								

Table header note block:

- : not avaliable on camera
*1: not avaliable on software
*2: not test on software
For multi stream support:
Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
N6034		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N0635		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6036		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6037		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6038		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N6072	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	Yes	-	-	Supported by design
N6073	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	Yes	-	-	Supported by design
N6074	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	Yes	-	-	Supported by design
N6075	V1.05_STD-1	H264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	Yes	-	-	
N6076	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	Yes	-	-	Supported by design
N6077	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	Yes	Yes	-	-	Supported by design
N6082	Refer to N9085(V1.05.0)	H.264	1	1600X1200	-	-	-	Yes	Yes	-	Yes*	-	Supported by design
N8011		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N8012		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N8031		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N8032		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N8072-C	V1.04.0_STD-1	H.264	1	1600X1200	2-way	-	-	Yes	Yes	-	Yes*	-	
N8072	V1.03_STD-1	H264 M-JPEG	1	1600x1200	2-way	0/0	-	Yes	-	Yes	-	-	
Note:	1. The actual audio codec is different with the setting codec. (Camera Firmware issue) 2. The stream 3's fps range is different to web. (Camera Firmware issue)												
N9012		H264 MJPEG	1	2560x1920	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N9018	V1.01_STD-1	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	Yes	-	
Note:	Fisheye camera 1.Audio toned with G.726/32.[camera firmware issue] 2.The image of snapshot to FTP is use MJPEG stream [camera firmware issue]												
N9032		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N9033		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design
N9034		H.264 M-JPEG	1	2048x1536	2-way	1/1	Yes	Yes	Yes	-	-	-	Supported by design

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Auto Pan	Multi Stream Support	Liveview Buffering	Remarks
N9071	V1.06_STD-1	H264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	-	-	
N9073	Refer to N3072(V1.13.0_STD-	H.264	1	1600x1200	2-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Supported by design
N9074	Refer to N3072(V1.13.0_STD-	H.264	1	1600x1200	2-way	1/1	Yes*	Yes	Yes	-	Yes*	-	Supported by design
N9082	Refer to N9085(V1.05.0)	H.264	1	1600X1200	-	-	-	Yes	Yes	-	Yes*	-	Supported by design
N9085	V1.05.0	H.264	1	1600X1200	-	-	-	Yes	Yes	-	Yes*	-	
Note	1.The minimum stream's bitrate is too high. (Camera performance limitation) 2. The stream 3's fps range is different to web. (Camera Firmware issue)												
S4071	V1.04_STD-1	H264 M-JPEG	4	720x576	2-way	4/4	Yes	Yes	Yes	-	-	-	
Note	1. The quality setting of M-JPEG is unavailable. 2. When the server attaches two or more channels, the maximal framerate is unstable.												

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Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support