

Sunell



- : not available on camera
 *1: not available 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	UPn P	ONVIF Search	Multi Stream Support	Snapshot	Remarks
Generic	v1.9.0601.10 01.3.0.36.0.0	H.264 M-JPEG	1	2592x1944	2-way	1/1	*2	Yes	-	-	Yes*	Yes	
Note:	Test by IPC54-40EDN (FW : v1.9.0601.1001.3.0.36.0.0). 1. PTZ function are not test on software because IPC54-40EDN doesn't support PTZ function. 2. The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 3. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 4. Motion detection is not supported on MJPEG. (Camera performance limitation) 5. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 6. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)												
IPS54/70DN/ Z18	refer to IPS54/70DN/ ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	-	Supported by design
IPS54/70DN/ ZR18	v1.6_build04 4014_027	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	-	
IPS54/70DR/ Z18	refer to IPS54/70DN/ ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	-	Supported by design
IPS54/70DR/ ZR18	refer to IPS54/70DN/ ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	-	Supported by design
IPS54/71DN/ Z18	refer to IPS54/70DN/ ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	-	Supported by design
IPS54/80DR	refer to IPS54/70DN/ ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	-	Supported by design
SN- IPC54/11DN	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN- IPC54/11EDN	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN- IPC54/11FDN	v1.6_build04 4014_027	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	
SN- IPC54/12DN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN- IPC54/12EDN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN- IPC54/12FDN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN- IPC54/14EDN	refer to IPD54/12VDN (v1.6_build04 4014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design

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SN-IPC54/20DN	1.6_build044011_061	H.264 M-JPEG	1	704x576	1-way	-	-	Yes	-	Yes	-	-	
SN-IPC54/31EDN	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPC54/40EDN	v1.6_build044014_137	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	-	
SN-IPC54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	-	Supported by design
SN-IPD54/11DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	-	Supported by design
SN-IPD54/11VDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPD54/11VDR	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	-	Supported by design
SN-IPD54/12DN		H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	-	-	Supported by design
SN-IPD54/12VDR	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	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*	Yes	
Note:	1.The snapshot function can't be used.(Camera firmware issue) 2.The PTZ function can't be use on camera web.(Camera firmware issue) 3.Some framerate and bitrate can't be set due to Onvif restriction.(Camera firmware issue) 4.Due to Onvif restriction, some frame rate and bit rates cannot be set .(Camera firmware issue) 5.Audio only support G.711 mu-law.(NUUO server limitation)												
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 snapshot function can't be used.(Camera firmware issue) 2.The PTZ function can't be use on camera web.(Camera firmware issue) 3.Some framerate and bitrate can't be set due to Onvif restriction.(Camera firmware issue) 4.Due to Onvif restriction, some frame rate and bit rates cannot be set .(Camera firmware issue) 5.Audio only support G.711 mu-law.(NUUO server limitation)												
SN-IPD54/14VDN	refer to IPD54/12VDN (v1.6_build044014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design

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SN-IPD54/14VDR	refer to IPD54/12VDN (v1.6_build04_4014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPD54/31VDN	refer to SN-IPV54/31UDR (v1.6_build04_4014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPD54/31VDR	refer to SN-IPV54/31UDR (v1.6_build04_4014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPD54/40VDN	refer to SN-IPC54/40EDN (v1.6_build04_4014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/11AKDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/11ALDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/11ANDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/11DNDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/12AKDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/12ALDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/12ANDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/12DNDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/14AKDN	refer to IPD54/12VDN (v1.6_build04_4014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/14APDN	refer to IPD54/12VDN (v1.6_build04_4014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design

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SN-IPR54/31AK DN	refer to SN-IPV54/31UDR (v1.6_build04_4014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/31APDN	refer to SN-IPV54/31UDR (v1.6_build04_4014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/31UDN	v1.7.1001.3.0.13	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	-	
Note:	Some framerate and bitrate can't be set due to Onvif restriction.												
SN-IPR54/40AK DN	refer to SN-IPC54/40EDN (v1.6_build04_4014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/40APDN	refer to SN-IPC54/40EDN (v1.6_build04_4014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPR54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	-	Supported by design
SN-IP54/60DN/Z18		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	-	Supported by design
SN-IP54/60DN/Z18/WI	v1.6_build04_4013_040	H.264 MJPEG	1	704x480	1-way	-	Yes	Yes	-	Yes	Yes	-	
SN-IP54/60DN/Z36		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	-	Supported by design
SN-IPV54/11DN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/11DR	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/11UDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/11UDR	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/11ZDR	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/12DN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design

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SN-IPV54/12DR	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/12UDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/12UDR	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/12ZDR	refer to IPD54/12VDN (v1.6_build044014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/14UDR	refer to IPD54/12VDN (v1.6_build044014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/14ZDR	refer to IPD54/12VDN (v1.6_build044014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/31UDN	v1.6_build044014_137	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	
Note:	SN-IPV54/31UDN FW issue: Camera will reboot when MJPEG 2048x1536, 1920x1080 and quality 9.												
SN-IPV54/31UDR	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/31ZDR	refer to SN-IPV54/31UDR (v1.6_build044014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/40UDN	refer to SN-IPC54/40EDN (v1.6_build044014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/40UDR	refer to SN-IPC54/40EDN (v1.6_build044014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	-	Supported by design
SN-IPV54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	-	Supported by design
SN-IPV54/50DR		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	-	Supported by design
SN-VSR54/04	build044014_136_1	H.264	4	704x576	1-way	2/1	Yes	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	ONVIF Search	Multi Stream Support	Snapshot	Remarks
Note:	1. Audio only available on channel 1 and channel 2. 2. DI2 can't work correctly.												
VSR54/01	v1.6_build04 4014_026	H.264 M-JPEG	1	D1	1-way	2-1	Yes	Yes	-	-	Yes	-	
Note:	IPS54/70DN/ZR18: Changing MJPEG resolution may get Fail message due to camera FW issue.												
Note:	SN-IPD54/12VDN: Can't test DI due to HW broken.												
Note:	SN-IPC54/40EDN 1. MJPEG 2592x1920 by camera FW issue. 2. Camera will reboot when MJPEG 2048x1536 and quality 9 by camera FW issue.												
Note:	SN-IPS54/60DN/Z18/WI: 1. Audio, MD, PTZ function only test by SN-IPS54/60DN/Z18/WI and v1.6_build044013_040 firmware. 2. Dualstream may not connect sometimes when accessing camera too frequency.												
Note:	SN-IPV54/50DR: Implement with ONVIF protocol v1.02.												
Note:	Due to the limitation of ONVIF protocol, ONVIF search works only as cameras keep default administrator name and password.												
Note:	Do not support I/O due to camera FW limitation.												
Note:	VSR54/01: 1. Autodetect fail due to camera FW issue. 2. Changing MJPEG resolution may get Fail message due to camera FW issue. 3. DI can't work correctly due to camera FW issue.												