

## ACTi



: 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	UPnP	Camera Search Tool	Multi Stream Support	Remarks
<b>ACD2000Q</b>	A4Q-220-V3.04.08	MPEG4 M-JPEG	4	720x480	*2	*2	*2	*2	-	Yes	Yes	
Note:	1.Not support framerate 8 due to camera firmware issue.											
<b>ACD2100</b>	A1D-220-V3.08.08-AC	MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	
<b>ACD2200</b>		MPEG4 M-JPEG	4	720x480	1-way	8/8	Yes	Yes	-	Yes	-	Supported by design
<b>ACD2300</b>		MPEG4 M-JPEG	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design
<b>ACD2400</b>	AGD-R2N-V2.05.02-AC	MPEG4 M-JPEG	16	720x480	1-way	32/32	Yes	Yes	-	Yes	-	
<b>ACM1011</b>	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	
<b>ACM1231</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM1232</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM1311</b>		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM1431</b>		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM1432</b>		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM1511</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM3001</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM3011</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM3211</b>		MPEG4 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	Yes	-	Supported by design
<b>ACM3311</b>		MPEG4 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	Yes	-	Supported by design
<b>ACM3401</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design

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<b>ACM3411</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM3511</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM3601</b>	A1D-220- V3.10.22- AC	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	-	
<b>ACM3603</b>		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	-	Supported by design
<b>ACM3701</b>	A1D-220- V3.10.22- AC	MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	-	
<b>ACM3703</b>		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	-	Supported by design
<b>ACM4000</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM4001</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM4100</b>	A1D-220- V3.09.14- AC	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	
<b>ACM4200</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM4201</b>		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>ACM5001</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>ACM5601</b>	A1D-220- V3.08.08- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	-	
<b>ACM5611</b>		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>ACM5711</b>	A1D-220- V3.08.08- AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	Yes	-	
<b>ACM5811</b>	A1D-220- V3.12.13- AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	Yes	-	
<b>ACM7411</b>	A1D-220- V3.09.14- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	-	
Note:	A1D-220-V3.09.14-AC: There is problem at 160x112 resolution.											
<b>ACM7511</b>	A1D-220- V3.12.13- AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	Yes	-	
<b>ACM8201</b>	A1D-220- V3.10.22- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	-	
Note:	A1D-220-V3.09.14-AC: There is problem at 160x112 resolution.											

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<b>ACM8211</b>	A1D-220-V3.09.14-AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	-	
<b>ACM8511</b>	A1D-220-V3.11.13-AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	-	Yes	-	
<b>AMU9401</b>	A1D-220-V3.10.22-NB	MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes	-	
<b>AMU9711</b>	A1D-220-V3.10.22-NB	MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes	-	Supported by design
<b>B53</b>	V6.06.16	H.264 MJPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	
Note:	1.The camera with highest quality and resolution is unable to achieve 30 fps and audio stutter.[camera performance limitation]											
<b>B67</b>	V6.06.16	H.264 MJPEG	1	2048x1536	1-way	2/2	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]											
<b>B94</b>	V6.06.16	H.264 MJPEG	1	1280x960	1-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]											
<b>B97</b>	V6.06.16	H.264 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Yes	
<b>CAM5130</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5140</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5150</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5200</b>		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5201</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5221</b>	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	
<b>CAM5300</b>		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5301</b>		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5321</b>		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM5500</b>		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM6100</b>		MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes	-	Supported by design

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<b>CAM6200</b>	A1D-2.07.14-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM6220</b>	A1D-2.07.14-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM6500</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM6510</b>	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	
<b>CAM6520</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM6600</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM6610</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM6620</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM6630</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>CAM7100</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7120</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7200</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7220</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7300</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7301</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7320</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7321</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>CAM7322</b>		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
<b>KCM3211</b>	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	KCM3211's PTZ only support Zoom and Focus.											
<b>D11</b> □	V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	
<b>D12</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design

<b>D21</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D22</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>D31</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D32</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D41</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D42</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D51</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D52</b>	V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>D54</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D55</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D61</b>	V6.03.17	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
<b>D62</b>	Refer to E84 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>D64</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D65</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D71</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D72</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D81</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D82</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E11</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E12</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E13</b>	V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	

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<b>E21</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E22</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E23</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E24</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E25</b>	Refer to D61 (V6.03.17)	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
<b>E26</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E31</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E32</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E33</b>	V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E34</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E41</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E42</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E43</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E44</b>	Refer to E84 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E45</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E46</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E51</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E52</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E53</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E54</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E55</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design

<b>E56</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E61</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E62</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E63</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E64</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E65</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E66</b>	Refer to D61 (V6.03.17)	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
<b>E67</b>	Refer to E84 (V6.03.17)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E71</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E72</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E73</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E74</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E81</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E82</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E83</b>	Refer to E13 (V6.03.17)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E84</b>	V6.03.17	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E85</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E86</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E87</b>	Refer to E34 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E91</b>	Refer to D11 (V6.03.17)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E92</b>	Refer to D52 (V6.03.17)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design

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<b>E95</b>	V6.06.16	H.264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E96</b>	A1D-500- V6.05.23- AC	H264 MJPEG	1	2592x1944	-	-	-	Yes	-	Yes	Yes	
Note:	fisheye camera											
Note:	For E13 and the certificate camera: 1. It will auto diconnect with software. For E84 and the certificate camera: 2. If set resolution to 640x360, it will get wrong value on get parameter.											
<b>Generic</b>	A1D-500- V6.05.23- AC	H264 MJPEG	1	3648x2736	1-way	1/1	Yes	Yes	-	-	Yes	
Note:	Test model: B52											
<b>I51</b>	Refer to I71(A1D- 500-	H.264 MJPEG	1	2592x1944	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design
Note:	fisheye camera											
<b>I71</b>	A1D-500- V6.06.16- AC	H.264 MJPEG	1	2592x1944	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	fisheye camera											
<b>I94</b>	V6.06.16	H.264 MJPEG	1	1920x1080	1-way	4/2	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]											
<b>KCM3311</b>	A1D-311- V5.05.07- AC	H.264 MPEG4 M-JPEG	1	2032x1920	-	-	Yes	Yes	-	Yes	Yes	
<b>KCM3911</b>	A1D-311- V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	fisheye camera											
<b>KCM5111</b>	A1D-311- V5.04.07- AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	On-edge motion: H.264 and MPEG4.											
<b>KCM5211</b>	A1D-311- V5.04.07- AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	On-edge motion: H.264 and MPEG4.											
<b>KCM5211E</b>	Refer to KCM5211	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
Note:	On-edge motion: H.264 and MPEG4.											
<b>KCM5311</b>	A1D-311- V5.04.07- AC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	On-edge motion: H.264 and MPEG4.											
<b>KCM5311E</b>	Refer to KCM5311E	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
Note:	On-edge motion: H.264 and MPEG4.											



<b>KCM5511</b>	A1D-311-V5.08.06-AC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	Pitch of G.711 audio is not correct. Not support motion detection in MJPEG.											
<b>KCM5611</b>	A1D-311-V5.07.05-AC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	-	Yes	
Note:	Not Support RS-485 (not support Pan/Tilt, support Zoom/Focus/Preset only)											
<b>KCM7111</b>	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	On-edge motion: H.264 and MPEG4.											
<b>KCM7211</b>	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	On-edge motion: H.264 and MPEG4.											
<b>KCM7311</b>	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>KCM7911</b>	A1D-311-V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	1. Dual-Stream Resolution 1280x720 2. fisheye camera											
<b>KCM8111</b>	V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>KCM8211</b>	Refer to KCM8111 (V5.10.02)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>SED2100</b>		MPEG4	1	720x480	1-way	2/2	-	Yes	-	Yes	-	Supported by design
<b>SED2120</b>	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes	-	
<b>SED2140</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>SED2310Q</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>SED2320Q</b>		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>SED2400</b>		MPEG4	2	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
<b>SED2420</b>	A1D-220-V3.08.08-AC	MPEG4	2	720x480	1-way	-	-	Yes	-	Yes	-	
<b>SED2600</b>		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design
<b>SED2610</b>		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design
<b>SED26X0</b>		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design

<b>TC D2100</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	720x480	-	1/1	Yes	Yes	-	Yes	Yes	
<b>TC D2500</b>	A1D-310-V4.06.08-AC	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
<b>TC M1111</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes	
<b>TC M1231</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M1232</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
<b>TC M1511</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M3001</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
<b>TC M3011</b>	A1D-310-V4.07.10-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M3111</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes	
<b>TC M3401</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
<b>TC M3411</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M3511</b>	A1D-310-V4.06.00-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M4101</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Yes	Supported by design
<b>TC M4201</b>	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M4301</b>	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Yes	Supported by design
<b>TC M4511</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes	
<b>TC M5001</b>	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M5111</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes	
<b>TC M5311</b>	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TC M5312</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
<b>TC M5601</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes	Yes	Supported by design

# Titan NVR Supported Camera List



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<b>TCM5611</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes	Yes	
<b>TCM6630</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	720x480	1-Way	2/1	Yes	Yes	-	Yes	Yes	
Note:	DI/DO can't work, FW issue											
<b>TCM7011</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TCM7411</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes	Yes	Supported by design
<b>TCM7811</b>	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	
<b>TMU9811</b>	A1D-310-V4.07.10-NB	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes	-	
<b>TMU9911</b>	A1D-310-V4.07.10-NB	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes	-	Supported by design
Note:	ACD / ACM series cameras do not support FW 3.11.11.											
Note:	Only <b>two</b> I/O are shown on the interface as adding <b>one</b> channel on video server.											

## ADT



- : 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	UPnP	Multi Stream Support	Remarks
<b>ADT-VSDVZ3MP-VF3010IRO</b>	V0.99_ST D-1	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1.Audio codec is wrong under AMR. 2.Camera may not connect under highest resolution, highest bitrate and lower framerate.										
<b>ADT-VSDVS-4C</b>	V1.05[BET A]_STD-1	H264 MJPEG	4	704x576	1-way	4/4	Yes	Yes	Yes	Yes	
Note:	1.Talk can't be use after setup audio codec. 2.Tilt up and down can't be use. 3.Name of preset point only support a-z A-Z @-_!										
<b>ADT-VSDVZ5MP-VF3090IRI</b>	V1.00B_S TD-1	H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	Camera FW issue: 1.Audio codec is wrong under AMR. 2.Camera may not connect under highest resolution, highest bitrate and lower framerate. 3.Tilt up and down can't be use										
<b>ADT-VSDVZ5MP-VF3090IRO</b>	Refer to ADT-VSDVZ5M P-VF3090IRI	H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

## Airlive



- : 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	UPnP	Multi Stream Support	Remarks
<b>OD-325HD</b>	5.0.2.6495	H.264 MPEG4 M-JPEG	1	sxga	1-way	1/1	-	Yes	Yes	Yes	

Note: 1.Always can use http port 80 to connect after changing http port by FW issue.  
 2.Initail output status will not synchronize to real output voltage by HW issue.

## Alarm.com



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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	Multi Stream Support	Remarks
ADC-V520	0100h	H.264 MPEG4 MJPEG	1	1280x800	*1	1/0	-	Yes	Yes	Yes	
ADC-V620PT	0102b	H.264 MPEG4 MJPEG	1	1280x800	*1	-	Yes	Yes	Yes	Yes	
ADC-VS420	0100d	H.264 MPEG4 MJPEG	4	720x576	*1	4	*2	Yes	Yes	Yes	

**Alphatech**


- : 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	UPnP	Multi Stream Support	Remarks
<b>AT-IMF5736</b>	Refer to AT-IMF5750	H.264	1	1600x1200	1-way	-	-	Yes	-	-	Supported by design
Note:	1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200 2.Framerate only support 3~25fps 3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720.										
<b>AT-IMF5739</b>	1.8.0.7d-201206071056-DBG	H.264	1	1600x1200	1-way	-	-	Yes	-	-	
Note:	1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200 2.Framerate only support 3~25fps 3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720.										
<b>AT-IMF5750</b>	1.8.0.7d-201206071051-DBG	H.264	1	1600x1200	1-way	-	-	Yes	-	-	
Note:	1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200 2.Framerate only support 3~25fps 3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720.										
<b>AT-IMV5756</b>	Refer to AT-IMF5750	H.264	1	1600x1200	1-way	-	-	Yes	-	-	Supported by design
Note:	1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200 2.Framerate only support 3~25fps 3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720.										

## American Dynamics



- : 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	UPnP	Multi Stream Support	Remarks
<b>ADCi600-D131</b>	AD00-00-15-11	MJPEG H.264	1	1280x720	1-way	2/1	-	Yes	*1	Yes	



## AMTK



- : 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	UPnP	Multi Stream Support	Remarks
AM2030D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2110D	refer to AM2120D	H.264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	Supported by design
AM2120D	6.B.2.9031	H.264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	
AH2816T	V6.M.2.1277 9	H.264 MPEG4 M-JPEG	1	1536x1536	1-way	1/1	Yes	Yes	Yes	Yes	
AM2221D	refer to AM2231D	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
AM2231D	6.C.2.8943	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
<b>Note</b>	AM2221D, AM2231D preset name can't contain blanks.										
AM2530D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2570D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2590D	6.D.2.9659	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>Note</b>	Initial output status will not synchronize to real output voltage by HW issue.										
AM2630D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2730D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>Note</b>	All models always can use http port 80 to connect after changing http port by FW issue.										

## Arecont



- : 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	Camera Search Tool	Multi Stream Support	Remarks
AV1115	65225	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	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(*2)	-	Yes	Yes	Yes	Supported by design
AV1145	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes	Supported by design
AV1255	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes	Supported by design
AV1300	64328	M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
AV1305	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes	Supported by design
AV1310		M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
AV1315	65191	M-JPEG H.264	1	1280x1024	-	-	-	Yes	Yes	Yes	
AV1325		H.264 M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
AV1355	65130	H.264 M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
AV1455	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes	Supported by design
AV2000	64328	M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes	Supported by design
AV2100	64328	M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes	Supported by design
AV2105	64331	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes	
AV2110		M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes	Supported by design
AV2115	65225	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	

## Arecont



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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	Camera Search Tool	Multi Stream Support	Remarks
<b>AV2116</b>	refer to AV2115 (65218)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
Note:	AV2115 include D4F-AV2115-3312 and D4S-AV2115-3312										
<b>AV2125</b>	65201	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	Yes	Yes	
<b>AV2146</b>	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2155</b>	64803	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes	
<b>AV2225</b>	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2226</b>	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2245</b>	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2246</b>	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2255AM</b>	65218	H.264 M-JPEG	1	1920x1080	*1	1(*1)/1	Yes	Yes	Yes	Yes	
<b>AV2256</b>	refer to AV2255 (65218)	H.264 M-JPEG	1	1920x1080	*1	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>AV2455DN-F</b>	65220	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	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.										
<b>AV2456</b>	refer to AV2455 (65220)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2805</b>	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2815</b>	65191	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV2825</b>		H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AV3100</b>	64328	M-JPEG	1	2048x1536	-	-	-	Yes	Yes	Yes	

## Arecont



- : not available 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	Camera Search Tool	Multi Stream Support	Remarks
AV3105	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	Yes	Yes	Supported by design
AV3110		M-JPEG	1	1920X1216	-	-	-	Yes	Yes	Yes	
AV3115	65225	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	Yes	Yes	
Note:	AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312										
AV3116	65219	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	Yes	
AV3116DN	65219	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	Yes	Supported by design
AV3125	65218	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	Yes	Supported by design
AV3130	61906	M-JPEG	1	2048x1536	-	-	-	Need to retest	Yes	Yes	
AV3135	65135	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	Yes	
Note:	AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312										
AV3145	65219	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AV3146	65219	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note	1. The streaming has low FPS under high quality.										
AV3155	65113	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	Yes	Yes	Tested by customer
AV3225	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	Yes	Yes	Supported by design
AV3226	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	Yes	Yes	Supported by design
AV3245	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	Yes	Yes	Supported by design
AV3246	refer to AV3115 (65225)	H.264 M-JPEG	1	2048x1536	-	1/1(*2)	-	Yes	Yes	Yes	Supported by design
AV3255	65218	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	Yes	Yes	

## Arecont



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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	Camera Search Tool	Multi Stream Support	Remarks
AV3256	65219	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	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	Yes*	
AV3456DN-F	65220	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	Yes	
AV5100	61906	M-JPEG	1	2560x1600	-	-	-	Yes	Yes	Yes	
AV5105	64331	H.264 M-JPEG	1	2560x1600	-	1/1	-	Yes	Yes	Yes	Supported by design
AV5110		M-JPEG	1	2560x1600	-	-	-	Yes	Yes	Yes	
AV5115	65225	H.264 M-JPEG	1	2560x1600	-	1/1	-	Yes	Yes	Yes	
Note:	AV5115 include D4F-AV5115-3312 and D4S-AV5115-3312										
AV5125	65218	H.264 M-JPEG	1	2592x1944	-	1/1	-	Yes	Yes	Yes	
AV5155	65152	H.264 M-JPEG	1	2592x1944	-	-	-	Yes	Yes	Yes	
AV5245	65221	H.264 M-JPEG	1	2592x1944	-	1/1	Yes	Yes	Yes	Yes	
Note:	Fps would not meet setting due to camera performance.										
AV5245DN	65229	H.264 M-JPEG	1	2560x1920	-	1/1	-	Yes	Yes	Yes	
Note:	Fisheye camera										
AV5255AM	65218	H.264 M-JPEG	1	2592x1944	*1	1(*1)/1	Yes	Yes	Yes	Yes	
AV5455DN-F	65220	H.264 M-JPEG	1	2592x1944	-	1/1	-	Yes	Yes	Yes	Supported by design
AV8180	65010	M-JPEG	4	1600x1184	-	-	-	Yes	Yes	Yes	
AV8185	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	Yes	Yes	

## Arecont



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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	Camera Search Tool	Multi Stream Support	Remarks
AV8185DN	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	Yes	Yes	Supported by design
AV8360	65010	M-JPEG	4	1600x1184	-	-	-	Yes	Yes	Yes	Supported by design
AV8365	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	Yes	Yes	
AV8365DN	65183	H.264 M-JPEG	4	1600x1200	-	1/1	-	Yes	Yes	Yes	
Note:	AV8185DN and AV8365DN 1. Four channels must use the same protocol and format. 2. If main stream is Mjpeg, the vision will flash when using dual stream.										
AV10005	65147	H.264 M-JPEG	1	3648x2752	-	-	-	Yes	Yes	Yes	
AV10115	65225	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	Yes	Yes	
AV10225	Refer to AV10115(65225)	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	Yes	Yes	
AV10255	Refer to AV10115(65225)	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	Yes	Yes	
AV10255PM TIR	65228	H.264 M-JPEG	1	3648x2752	-	1/1	Yes	Yes	Yes	Yes	
Note:	1. Camera is unable to achieve maximum FPS. (camera performance limitation) 2. PTZ only support zoom and focus.										
AV10256PM TIR	refer to AV10255P MTIR(65228)	H.264 M-JPEG	1	3648x2752	-	1/1	Yes	Yes	Yes	Yes	Supported by design
AV12186	65184	H264 MJPEG	4	2048x1536	-	1/1	-	Yes	Yes	Yes	
Note:	DI can't work.										
AV12366DN	65188	H.264 M-JPEG	4	2048x1536	-	1/1	-	Yes	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	Yes	
AV20185	65183	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	Yes	Yes	

## Arecont



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks
Note:	AV20185 include AV20185DN, AV20185CO										
<b>AV20365</b>	65183	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	Yes	Yes	
Note:	On-edge motion: turn off the "enable extended on motion detection" function on camera web. AV20365 include AV20365DN, AV20365CO										
<b>AV40185</b>	65186	H.264 M-JPEG	4	3648x2752	-	1/1	-	Yes	Yes	Yes	
<b>Generic</b>		H.264 M-JPEG	1 or 4	By camera	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	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:	For multiple-channel models, such as AV8180 and AV20185DN, there might be some issues if configuring different protocols on each channel. (i.e. the resolution we receive is half of the original)										
Note:	All arecont cameras. 1. Fps would not meet setting due to camera performance.										

## ARM



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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	Multi Stream Support	Remarks
MP13DDNWD		MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	-	Supported by design
MP13VPDN		MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	-	Supported by design



## ATV



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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	Multi Stream Support	Remarks
<b>HDG-M120</b>	2.2.122	H.264 MJPEG	1	1920x1080	Yes	2/0	-	Yes	Yes	Yes	
Note:	1. UPNP search failure if changed web port 80 to others 2. Not support UDP connection due to could not keep alive 3. Camera reply slowly if set maximum video parameters 4. The bitrate of stream 3 could not setup 100 kbps, but 200 kbps is permit										
<b>IPFD2MT</b>	HSNCT3-v2.1.71	H.264 MPEG4	1	1920x1080	-	1/0	-	Yes	Yes	Yes	

## Asoni



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
CAM613M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM614		H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM615		H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM616M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM619M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM620		H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
CAM624M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM625M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM627M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM628M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM630		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM632		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM633		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM634M		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM637M		H.264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM638		H.264 M-JPEG	1	640x480	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM639		H.264 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM640		H.264 M-JPEG	1	640x480	1-way	0/0	-	Yes	Yes	Yes	Supported by design

## Asoni



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>CAM641</b>		H.264 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	Yes	Yes	Supported by design
<b>CAM642M</b>		H.264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	Supported by design
<b>CAM647</b>		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>CAM656D</b>		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>SVR610</b>		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>SVR611</b>		H.264 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>SVR640</b>		H.264 M-JPEG	4	720x480	1-way	4/4	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	Multi Stream Support	Remarks
FB2027-1	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2027-2	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2027-3	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028-T1	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028-T2	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028-TM	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	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 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FB3028-RT1	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FB3028-RT2	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FB3028-RTM	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FD2020	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	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	Multi Stream Support	Remarks
<b>FD3020</b>	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
<b>FD3020-M</b>	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
<b>FV2006</b>	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
<b>FV2028</b>	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
<b>FV3028</b>	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
<b>FV3028-RT</b>	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
<b>FV3028-RTM</b>	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
<b>FX2000</b>	2.5.1057.60	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
Note	1. MJPEG could not reach up to higher FPS 2. UPnP search failure when change web port from 80 to another										
<b>FX3000-R</b>	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
<b>SF2121H-BHR-30</b>	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
<b>SF2121H-BHR-50</b>	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
<b>SF2121H-R</b>	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	

**AXIS**


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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>205</b>		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
<b>206</b>		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>206M</b>		M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>206W</b>		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>207</b>	4.40	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>207MW</b>		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>207W</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	Not support audio in M-JPEG										
<b>209FD</b>		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>209FD-R</b>		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>209MFD</b>		MPEG4 M-JPEG	1	1280x1024	-	-	Yes	Yes	Yes	Yes	
<b>209MFD-R</b>		MPEG4 M-JPEG	1	1280x1024	-	-	Yes	Yes	Yes	Yes	Supported by design
<b>210</b>		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>210A</b>	4.40	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>211</b>		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>211A</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>211M</b>		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>211W</b>		MPEG4 M-JPEG	1	640x480	1-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	Multi Stream Support	Remarks
<b>212</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	212 include 212 PTZ and 212 PTZ-V										
<b>213</b>		MPEG4 M-JPEG	1	704x576	1-way	2/3	Yes	Yes	Yes	Yes	Supported by design
Note:	213 include 213 PTZ										
<b>214</b>	4.33	MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	214 include 214 PTZ										
<b>215</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	215 include 215 PTZ and 215 PTZ-E										
<b>216FD</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>216FD-V</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>216MFD</b>		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>216MFD-V</b>		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>221</b>		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes	Supported by design
<b>223M</b>		MPEG4 M-JPEG	1	1600x1200	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>225FD</b>		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes	Supported by design
<b>231D</b>		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Yes	Supported by design
Note:	231D include 231D+										
<b>232D</b>		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Yes	Supported by design
Note:	232D include 232D+										
<b>233D</b>		MPEG4 M-JPEG	1	704x576	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
<b>2400</b>		M-JEPG	4	704x576	-	4/1	-	Yes	Yes	Yes	Supported by design

**AXIS**


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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	Multi Stream Support	Remarks
<b>240Q</b>		M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>240Q Blade</b>		M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>241Q</b>		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>241Q Blade</b>		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>241QA</b>	4.30	MPEG4 M-JPEG	4	704x576	1-way	4/4	-	Yes	Yes	Yes	
<b>241S</b>		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>241S Blade</b>		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>241SA</b>		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Yes	Supported by design
<b>242S</b>		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>243Q</b>		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>243Q Blade</b>		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>243SA</b>		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Yes	Supported by design
<b>2460</b>		M-JPEG	4	704x576	-	4/1	-	Yes	Yes	Yes	Supported by design
<b>247S</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>Generic</b>		MPEG4 M-JPEG	Max 4	by Camera	1-way	Max 4/4	Yes	Yes	-	Yes	
Note:	Only guarantee stream works fine.										
<b>M1004-W</b>	5.40.5.1	H.264 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
<b>M1011</b>	5.00	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	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	Multi Stream Support	Remarks
<b>M1011-W</b>	5.00	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
<b>M1013</b>	5.40.5.1	H.264 M-JPEG	1	800x600	1-way	-	-	Yes	Yes	Yes	
<b>M1014</b>	5.40.5	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
<b>M1031-W</b>	5.00	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>M1034-W</b>	5.40beta1	H.264 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
<b>M1054</b>	5.15	H.264 M-JPEG	1	1024x640	1-way	1/1	-	Yes	Yes	Yes	
<b>M1103</b>		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes*	Yes	Supported by design
<b>M1104</b>	5.09	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes*	Yes	
<b>M1113</b>	5.08	H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Yes	*
<b>M1114</b>		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes*	Yes	Supported by design
Note:	M1113-E is compatible with M1113, M1114-E is compatible with M1114										
<b>M1143-L</b>	5.40beta19	H.264 M-JPEG	1	800x600	-	1/1	-	Yes	Yes	Yes	
<b>M1144</b>	5.40.10.4	H.264 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
<b>M2014</b>	Refer to P1204(5.40.12)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>M3004</b>	5.40.5.2	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
<b>M3005</b>	5.40.5.3	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
<b>M3006</b>	5.40.13	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	Yes	Yes	
<b>M3007</b>	5.55.1.1	H.264 M-JPEG	1	2592x1944	-	-	Yes	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	Multi Stream Support	Remarks
Note:	M3007 is fisheye camera										
<b>M3011</b>	5.01	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>M3014</b>		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
<b>M3024-L</b>	5.40.5	H.264 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
<b>M3025</b>	refer to M3005(5.40.5.3)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
<b>M3026</b>	Refer to M3024-L(5.50.5)	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	Yes	
<b>M3027</b>	refer to M3007(5.55.1.1)	H.264 M-JPEG	1	2592x1944	-	-	Yes	Yes	Yes	Yes	Supported by design
Note:	Fisheye camera										
<b>M3113-R</b>		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Yes	Supported by design
<b>M3113-VE</b>		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Yes	Supported by design
<b>M3114-R</b>	5.11	H.264 M-JPEG	1	1280x800	-	-	Yes	Yes	Yes	Yes	
<b>M3114-VE</b>		H.264 M-JPEG	1	1280x800	-	-	Yes	Yes	Yes	Yes	Supported by design
<b>M3203</b>		H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	Yes	Supported by design
Note:	M3203-V is compatible with M3203										
<b>M3204</b>		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
Note:	M3204-V is compatible with M3204										
<b>M5013</b>		H.264 M-JPEG	1	800x600	1-way	-	Yes	Yes	Yes	Yes	Supported by design
<b>M5014</b>		H.264 MPEG4	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>M7001</b>		H.264 M-JPEG	1	720x576	-	-	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	Multi Stream Support	Remarks
<b>M7010</b>	5.40.6.1	H.264 M-JPEG	4	720x576	-	-	Yes	Yes	Yes	Yes	
<b>M7014</b>	5.40.7.1	H.264 M-JPEG	4	720x576	-	-	Yes	Yes	Yes	Yes	
<b>P1204</b>	5.40.12	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
<b>P1214</b>	5.40.12	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
<b>P1311</b>	5.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>P1343</b>	5.06	H.264 M-JPEG	1	800*600	1-way	1/1	Yes	Yes	Yes	Yes	*
<b>P1343-E</b>		H.264 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P1344</b>		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P1344-E</b>		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P1346</b>	5.06	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	*
<b>P1346-E</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P1347</b>	5.11	H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes*	Yes	
<b>P1347-E</b>		H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P1353-E</b>	refer to P1354 (5.40.14)	H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>P1354</b>	5.40.14	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	P1354 does not support AAC in MJPEG H264 AAC not support in Titan v1.5.1										
<b>P1355-E</b>	refer to P1354 (5.40.14)	H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>P1357</b>	5.40.19.1	H.264 M-JPEG	1	2592x1944	*2	*2	*2	Yes	*2	Yes	

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>P3301</b>	5.11	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>P3301-V</b>		H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>P3304</b>		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P3304-V</b>		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P3343</b>	5.06	H.264 M-JPEG	1	800x600	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	P3343-V and P3343-VE are compatible with P3343 P3343 supports digital PTZ only.										
<b>P3344</b>	5.06	H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	P3344-V and P3344-VE are compatible with P3344 P3344 supports digital PTZ only.										
<b>P3346</b>	5.20	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes*	Yes	
Note:	P3346-V and P3346-VE are compatible with P3346 P3346 supports digital PTZ only.										
<b>P3353</b>		H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	
<b>P3354</b>	5.40.10.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	tested by link
<b>P3364</b>	5.40.10.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	tested by link
<b>P3367</b>	5.40.3	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	tested by link
Note:	P3367-V, P3367-VE are compatible with P3367										
<b>P5414</b>	5.55.1	H.264 M-JPEG	1	1280x720	1-way	4/4	Yes	Yes	Yes	Yes	tested by link
<b>P5415</b>	Refer to P5414(5.55.1)	H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes	Yes	Yes	Yes	
<b>P5512</b>		H.264 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design

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<b>P5512-E</b>		H.264 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
<b>P5522</b>		H.264 M-JPEG	1	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
<b>P5522-E</b>		H.264 M-JPEG	1	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
<b>P5532</b>	5.15	H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes*	Yes	
<b>P5532-E</b>		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>P5534</b>	5.15.1	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>P5534-E</b>		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>P5544</b>	5.41.2.1	H.264 M-JPEG	1	1280x720	1-way	4/4	Yes	Yes	Yes	Yes	
Note:	P5544 is two lens (fisheye and PTZ) camera										
<b>P7210</b>	5.50.2	H.264 M-JPEG	20*	1536x1152	1-way	16/16	Yes	Yes	Yes	Yes	
Note:	P7210 is 4IP x 5channels video server										
<b>P7214</b>	Refer to P7210	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
<b>P7224</b>	5.40.7	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	Yes	
Note:	P7224 can't use second audio input. First audio only support G.711										
<b>P8221</b>	5.10.2	*2	1	-	*2	*2	-	-	*2	-	
Note:	Network I/O audio module										
<b>P8513</b>	Refer to P8514	H.264 M-JPEG	1	800x600	-	0/0	-	Yes	Yes	Yes	Supported by design
<b>P8514</b>	5.21	H.264 M-JPEG	1	1280x800	-	0/0	-	Yes	Yes	Yes	
<b>Q1602</b>	5.40.3	H.264 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Yes	tested by link

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
Note:	P7210, P8514, Q1602 camera not testing Audio, I/O, UPNP capability Q1602-E is compatible with Q1602										
<b>Q1604</b>	5.40.3.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Not support AAC when codec is MJPEG 2. Does not support H264 CBR mode										
<b>Q1755</b>	5.02	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	M-JPEG: Due to the HW constraints, the frame rate and audio will be impacted if resolution and quality are high.										
<b>Q1755-E</b>		H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>Q1765-LE</b>	5.55.1	H.264 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	
<b>Q1910</b>	5.06	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	
<b>Q1910-E</b>		H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>Q1921</b>	5.11	H.264 M-JPEG	1	768x576	1-way	2/0	-	Yes	Yes*	Yes	
Note:	Q1921 camera not testing Audio, I/O, UPNP capability										
<b>Q1921-E</b>		H.264 M-JPEG	1	768x576	1-way	2/0	-	Yes	Yes	Yes	Supported by design
<b>Q1922</b>	Refer to Q1921	H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>Q1931-E</b>	5.55.1	H.264 M-JPEG	1	768x576	1-way	2/2	-	Yes	*2	Yes	
Note:	1. Thermal camera 2. Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand Up to 8.3 fps in other countries <sup>a</sup>										
<b>Q6032</b>		H.264 M-JPEG	1	752x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
<b>Q6032-E</b>	5.05	H.264 M-JPEG	1	704x576	-	-	Yes	Yes	Yes	Yes	
<b>Q6034</b>	5.20.3	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	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	Multi Stream Support	Remarks
Q6034-E		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
Q6035		H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
Q6035-E		H.264 M-JPEG	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	Supported by design
Q6042	5.55.1	H.264 M-JPEG	1	752x480	1-way	4/4	Yes	Yes	*2	Yes	
Q6044	5.55.1	H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
Q6045	5.55.1	H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes	Yes	Yes	Yes	Tested by link
Q7401		H.264 M-JPEG	1	704x576	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
Q7404	5.02	H.264 M-JPEG	4	768x576	1-way	1/1	Yes	Yes	Yes	Yes	
Q7406	5.11.1	H.264 M-JPEG	6	704x576	-	1/1	Yes	Yes	Yes	Yes	
Q7411	5.40.13.1	H.264 M-JPEG	1	720x576	1-way	4/4	Yes	Yes	Yes	Yes	
Q7414	5.25	H.264 M-JPEG	4	720x576(PAL) 720x480(NTSC)	1-way	1/1	Yes	Yes	Yes	Yes	tested by link
Q7424-R	5.40.10	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	Yes	

## Basler



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>BIP-640c</b>		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-640c-dn</b>		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-1000c</b>		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-1000c-dn</b>		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-1300c</b>		H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-1300c-dn</b>	BIP-1300c-dn-1.6-2	H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	Yes	-	-	
Note:	On-Edge Motion: H.264 and M-JPEG.										
<b>BIP-1600c</b>		H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-1600c-dn</b>		H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-D1000c-dn</b>		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
<b>BIP-D1300c-dn</b>	BIP-D1300c-dn-1.6-1	H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	Yes	-	-	
Note:	On-Edge Motion: H.264 and M-JPEG.										
<b>BIP2-D1920c-DN</b>	3.8.0	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	Yes	Yes	
Note:	Not support Audio										



## Bolide



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>BN1009/PTZ3GIP</b>	Refer to BN1009/PTZ WDRIP	H.264 M-JPEG	1	D1	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>BN1009/PTZWRIP</b>	v1.6_build04 4014_106	H.264 M-JPEG	1	D1	1-way	1/0	Yes	Yes	-	Yes	
<b>BN1009M/PTZ-18</b>	v1.6_build04 4014_106	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	Yes	
<b>BN2002IP</b>	Refer to BN2002WDRIP	H.264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>BN2002WDRIP</b>	v1.6_build04 4014_106	H.264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	
Note:	1.Autodetect model fail due to incorrect model name response. 2.AlarmIn message is unstable.										
<b>BN2009AVAIRIP</b>	Refer to BN2002WDRIP	H.264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>BN2009IRIP</b>	Refer to BN2002WDRIP	H.264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>BN2009WDRVAIRIP</b>	Refer to BN2002WDRIP	H.264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>BN2035IRIP</b>	Refer to BN2002WDRIP	H.264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>BN2035WDRIP</b>	Refer to BN2002WDRIP	H.264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>BN5002M-A</b>	v1.6_build04 4014_106	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes	
Note:	1.Autodetect model fail due to incorrect model name response. 2.AlarmIn message is unstable.										
<b>BN5009M-A</b>	Refer to BN5002M-A	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>BN5035M-A</b>	Refer to BN5002M-A	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes	Supported by design
Note:	All Bolide Model: Changing MJPEG resolution may get Fail message due to camera FW issue.										

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\*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	UPnP	Multi Stream Support	Remarks
<b>NBC-225-P</b>	refer to NDC-225 (FW:39500570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NBC-255-P</b>	refer to NDC-225 (FW:39500570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NBC-265-P</b>	refer to NTC-265-PI(FW:39500570)	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NBC-274-P</b>	refer to NTC-265-PI(FW:15500552)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>NBC-274-PM</b>	refer to NTC-265-PI(FW:15500552)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>NBC-274-PT</b>	refer to NTC-265-PI(FW:15500552)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>NBC-455</b>	5.72.0028(28500572)	H.264	1	704x576	*2	*2	-	*2	*2	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 treame3 quality value. i. (Camera firmware issue)										
<b>NBN-498</b>	5.72.0028(28500572)	H.264	1	704x576	*2	*2	-	*2	*2	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 treame3 quality value. i. (Camera firmware issue)										
<b>NBN-733</b>	refer to NIN-733(5.90.0112)	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NBN-832</b>	refer to NDN-832(5.90.0112)	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NBN-40012</b>	refer to NTI-40012(5.90.0126(26510590))	H.264	1	1280x720	1-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	Multi Stream Support	Remarks
<b>NBN-50022</b>	refer to NTI-50022(5.90.0126(26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NDC-225</b>	39500570	H.264	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'. Audio Codec support g711, not support L1, AAC.										
<b>NDC-255-P</b>	refer to NDC-225 (FW:39500570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NDC-225-PI</b>	refer to NDC-225 (FW:39500570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NDC-265-P</b>	refer to NTC-265-PI(FW:39500570)	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NDC-274-P</b>	15500552	H.264	1	1920x1080	1-way	-	-	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.										
<b>NDC-274-PT</b>	refer to NDC-274-P	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>NDC-455</b>	refer to NBC-455(5.72.0)	H.264	1	704x576	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NDN-498</b>	refer to NBN-498(5.72.0)	H.264	1	704x576	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NDN-733</b>	refer to NIN-733(5.90.0112)	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NDN-832</b>	5.90.0112	H.264	1	1920x1080	1-way	2/1	-	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".										

**BOSCH**

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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	Multi Stream Support	Remarks
<b>NDN-40012</b>	refer to NTI-40012(5.90.0126 (26510590))	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NDN-50022</b>	refer to NTI-50022(5.90.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NDI-50022</b>	refer to NTI-50022(5.90.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NIN-733</b>	5.90.0112	H.264	1	1280x720	1-way	2/1	-	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)										
<b>NIN-832</b>	refer to NDN-832(5.90.0112)	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NIN-40012</b>	refer to NTI-40012(5.90.0126 (26510590))	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NTC-255-PI</b>	refer to NDC-225 (FW:39500570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NTC-265-PI</b>	refer to NDN-265-PIO (FW 39500570)	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NDN-265-PIO</b>	39500570	H.264	1	1280x720	1-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	Multi Stream Support	Remarks
Note:	<p>It can't set resolution below 1280x720 when stream2 property set to "Copy Stream 1". When H.264 quality is set to "0", the camera will Auto-adjust the quality setting. For minimum quality, the value should be "100" Audio AAC can't work due to NUUO platform issues.</p>										
<b>NTI-40012</b>	5.90.0126	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
Note:	<p>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)</p>										
<b>NTI-50022</b>	5.90.0126	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	<p>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)</p>										
<b>NUC-50022</b>	refer to NTI-50022(5.90.0126(26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NUC-51022</b>	refer to NTI-50022(5.90.0126(26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NWC-455</b>	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design
Note:	<p>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.</p>										
<b>NWC-495</b>	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design

## BOSCH



- : 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	UPnP	Multi Stream Support	Remarks
Note:	<p>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'.                      Firmware Issue: MJPEG framerate on settings dialog is incorrect. The value is always 25.                      MJPEG unstable issue. Frame rate of MJPEG stream is dependent on the camera load and can vary.</p>										
<b>NWD-455</b>	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design
Note:	<p>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'.                      Firmware Issue: MJPEG framerate on settings dialog is incorrect.                      Firmware Issue: Framerate of MJPEG stream is unstable.</p>										
<b>NWD-495</b>	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-		
Note:	<p>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'.                      Firmware Issue: MJPEG framerate on settings dialog is incorrect. The value is always 25.                      MJPEG unstable issue. Frame rate of MJPEG stream is dependent on the camera load and can vary.</p>										
<b>VIP-X1XF-E</b>	39500570	H.264	1	704x480	1-way	1/1	-	Yes	Yes	Yes	
Note:	<p>When H264 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.</p>										
<b>Generic</b>	5.90.0112 (12510590 )	H.264	1	1920x1080	1-way	2/2	*2	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	Multi Stream Support	Remarks
Note:	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.										

## Brickcom



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 \*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	UPnP	Multi Stream Support	Remarks
<b>20xP</b>	gk20140422 NSA	H.264, MJPEG	1	1280*720	1-way	4/2	Yes	Yes	Yes	Yes	
Note:	1.Cover model: OSD-200Ap and OSD-200 2.DI reaction is slow. (Camera performance limitation) 3.Snapshot is only supported when the codec is MJPEG.										
<b>30xN</b>	v3.2.2.8	H.264, MJPEG, MPEG4	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1. 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 2. MD-300Np and MD-300Np-360 are no support DI/DO and one way audio only. 3. MD-300Np-360 not support MD when format is MJPEG and MPEG4. 4.The RTSP stream has been disconnected in 5 minutes when the protocol is use under HTTP. 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. 7.The Crystal does show error when setup camera parameter to higher resolution.										
<b>130N</b>	v3.1.0.9	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	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										
<b>50xA</b>	V3.2.2.8	H.264 MPEG4 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	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-301Af, VD-301Af, OB-200Ap, FB-200Ap, OB-202Ap, VD-202Ap. OB-200Ap and VD-200Ap with zoom and focus function. 2. switch video resolution higher than 1920x1080 need waiting a period of time 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. 9.The Crystal does show error when setup camera parameter to higher resolution. 10.[Crystal Only]The image of OB-200Ap sometimes cannot be updated under the protocol of TCP.										
<b>CB-100Ae</b>	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer
<b>CB-100A</b>	v3.0.2.4	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer



## Brickcom



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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	Multi Stream Support	Remarks
<b>FB-100Ae</b>	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
<b>FB-100A</b>	v3.0.2.3	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
<b>FD-100Ae</b>	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
<b>FD-100A</b>	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	
<b>FD-130Ae</b>	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>FD-130Ap</b>	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>OB-100A</b>	v3.1.0.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	
<b>VD-130Ae</b>	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>VD-130Ap</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
<b>W/VS-01A</b>	v3.1.0.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	
<b>WCB-100Ae</b>	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer
<b>WCB-100A</b>	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
<b>WFB-100Ae</b>	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
<b>WFB-100A</b>	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	
Note:	On-edge motion is only workable when stream 1 is MPEG4 with the bitrate under 1.5Mbps or quality under 3. We don't promise the performance of MD if the configuration isn't within the limitation.										
<b>OSD/PZ-040D</b>	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes	
<b>OSD/PZ-040E</b>	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	

## Bullwark



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 \*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	UPnP	Multi Stream Support	Remarks
<b>BLW-230MP-BS</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>BLW-230MP-DS</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>BLW-510MP-BS</b>	bg20121126 NSA	MJPEG/H 264	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
<b>BLW-IN220X-S</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
<b>BLW-IR230MP-DSM</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>BLW-IR230MP-SM</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	1920x1080 MJPEG Bit rate too high will affect camera parameter can not sync to camera information										
<b>BLW-OUT220X-S</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	

## Centrix



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 \*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	UPnP	Multi Stream Support	Remarks
<b>B13H</b>	v1.1.0.0	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
<b>C10</b>	refer to C10-W	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>C10-W</b>	v1.1.0.0(builed2)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
<b>D13HD</b>	v1.1.0.0	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
<b>Generic</b>	cx20131107NSA	H.264 M-JPEG	1	1920x1080	1-way	4/2	*2	Yes	Yes	Yes	
Note:	Generic support model: MD20, MD50 Parameter setting will fail when mutistream is allow and resolution higher than 1080p. PTZ function are not test on software. The maximum resolution is depends on camera. Camera firmwave must be cx20131107NSA or above then can use generic model.										
<b>W13H</b>	v1.1.0.0(builed2)	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	

## CISCO



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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	Multi Stream Support	Remarks
<b>CIVS-IPC-2500</b>	V1.1.3R15	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	-	Yes	-	
<b>CIVS-IPC-2500W</b>	V1.1.3R03	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	-	Yes	-	
<b>PVC-300</b>	1.0.0	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

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

## CNB



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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	Multi Stream Support	Remarks
<b>IBE3815NVR</b>		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Yes	Supported by design
<b>IBE3815PVR</b>		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Yes	Supported by design
<b>IBE5810NCR</b>		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Yes	Supported by design
<b>IBE5810PCR</b>		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Yes	Supported by design
<b>IBP5030CR</b>	XNET.A1- 2.01.13.020 4	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.										
<b>IDC4000T</b>	XNET.T1- 1.0.13.0424	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	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. 3. 2nd stream format is MPEG4.										
<b>IDC4050F</b>	XNET.M1- 3.00.13.020 4	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	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.										
<b>IDC4050IR</b>	XNET.M1- 3.00.13.020 4	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	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.										
<b>IDC4050VF</b>	XNET.M1- 3.00.13.112 5	H.264 M-JPEG	1	1920x1080	1-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.										
<b>IDC4050VR</b>	Refer to IDC4050VF (XNET.M1-	H.264 M-JPEG	1	1920x1080	1-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.										
<b>IDP4000VD</b>	XNET.A1- 1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	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	Multi Stream Support	Remarks
<b>IDP4000VR</b>	XNET.A1-1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	Yes	
<b>IDP4030VR</b>	XNET.A1-2.01.13.0204	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.										
<b>IDP5035VR</b>	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	Firmware issue, failed to set bitrate as 128k over VGA/D1.										
<b>IGC2050F</b>	XNET.M1-3.00.13.0204	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	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.										
<b>IGP1000</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	Supported by design
<b>IGP1030</b>	XNET.A1-2.01.13.0204	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.										
<b>IGP2035F</b>	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	Firmware issue, failed to set bitrate as 128k over VGA/D1.										
<b>IJB2000</b>		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	Supported by design
<b>INS2000</b>	XNET.A1-2.01.13.0902	H.264 MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1. Could not reach up to maximum FPS 2. Audio choppy with G.711										
<b>IPM3063N</b>		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes		Yes	-	Supported by design
<b>IPM3063P</b>		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	Supported by design
<b>IS1765x</b>	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-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	Multi Stream Support	Remarks
ISMC1063N		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	Yes	Yes	-	Supported by design
ISMC1063x	XNET.A1- 2.01.13.020 4	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	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	1-way	-	Yes	-	Yes	-	Supported by design
ISS2765PW		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	Supported by design
ISS2965x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	-	Supported by design
ISS4032Z2 8W	XNET.M2- 3.00.13.020 4	H.264	1	1280x1024	1-way	1/1	Yes	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)	1-way	4/0	Yes	Yes	Yes	-	Supported by design
IVC5055VF	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Supported by design
IVC5055VR	Refer to IDC4050VF (XNET.M1- 3.00.13.112 5)	H.264 M-JPEG	1	1920x1080	1-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	XNET.A1- 1.1.9.1028	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	Yes	
IVP4030VR		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	Yes	Supported by design
IVP4030VR	XNET.A1- 2.01.13.020 4	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.										
IVP5035VR	Refer to IGP2035F (XNET.M2- 2.00.12.102 6)	H.264	1	1280x1024	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	Multi Stream Support	Remarks
<b>IVP5035VR</b>	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	Firmware issue, failed to set bitrate as 128k over VGA/D1.										
<b>IXC2050IR</b>	XNET.M1-3.00.13.0204	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	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.										
<b>IXP3035VR</b>	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	Firmware issue, failed to set bitrate as 128k over VGA/D1.										
<b>MPC1070PN</b>	1.0.46	H.264 MJPEG	1	2592x1944	1-way	-	-	Yes	Yes	Yes	
Note:	1. 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.										
<b>NDE5055MF</b>	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.										
<b>NDE5055VR</b>	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.										
<b>NGE2055F</b>	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.										
<b>NVE5055MF</b>	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.										
<b>NVE5055VR</b>	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.										
<b>NXE3055MR</b>	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M.										



## CNB



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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	Multi Stream Support	Remarks
<b>NXE3055VR</b>	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

Note: 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.

## COP



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
15-WS01D	1.00.10.5168	H.264 M-JPEG	1	D1	1-way	-	Yes	Yes	Yes	Yes	

## CORUM



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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	Multi Stream Support	Remarks
<b>CS-150-IO</b>	VB1.0.28_YC	H.264 M-JPEG MPEG4	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
Note:	When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input. Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again. The particular operations sequence is as follows: In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply										
<b>CS-190-IO / CS-190-IP / CS-190-IW</b>		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>CS-195-IO</b>	VB1.0.28_YC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Not support 2nd stream in maximum frame rate of 1080P. When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input. Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again. The particular operations sequence is as follows:										
<b>CS-265-IO / CS-265-IP / CS-265-IW</b>		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>CS-270-IO</b>	VB 1.0.28	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
<b>CS-285-IP / CS-285-IW</b>		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>CS-310-IO</b>	VB1.0.28_YC	H.264 MPEG4 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
Note:	When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input. Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.										
<b>CS-320-IO</b>	VB1.0.28_YC	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
Note:	When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input. Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again. The particular operations sequence is as follows: In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply										
<b>CS-325-IO / CS-325-IP</b>		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	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	Multi Stream Support	Remarks
<b>CS-385-IO / CS-385-IP / CS-390-IP</b>		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>CS-390-IO</b>	VB1.0.28_YC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
Note:	Not support UPnP. When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input. Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again. The particular operations sequence is as follows: In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply										
<b>CS-410-IO</b>	VB1.0.28_YC	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
Note:	When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input. Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again. The particular operations sequence is as follows: In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply										
<b>CS-410-IP / CS-410-IW / CS-415-IP / CS-415-IW</b>		H.264 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>CS-425-IO</b>	VB1.0.28_YC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Not support 2nd stream in maximum frame rate of 1080P. When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input. Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again. The particular operations sequence is as follows: In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply										

## Dahua



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For multi stream support:  
 Yes: multi stream fix to 500kbps/100kbps  
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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>HCVR5104H</b>	3.200.0005.1 .R, build : 2014-04-27	H.264	4	1280x720	1-way	-	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)										
<b>HDB3300</b>		H.264 M-JPEG	1	2048x1536	1-way	2/1	Yes	Yes	-	Yes	Supported by design
Note:	HDB3300N and HDB3300P are compatible with HDB3300										
<b>HDBW3300</b>	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	2048x1536	1-way	2/1	Yes	Yes	-	Yes	
Note:	HDBW3300N and HDBW3300P are compatible with HDBW3300										
<b>HF3110</b>	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes	
Note:	HF3110N and HF3110P are compatible with HF3110										
<b>HF3211P</b>	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	
<b>HF3300</b>	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	
Note:	1. HF3300N, HF3300N-W, HF3300P and HF3300P-W are compatible with HF3300 2. HF3300 series: there may be image noise of dual stream, which can be observed from the camera web as well. 3. Setting preset point doesn't work properly. 4. PTZ is only supported by external RS-485 device.										
<b>IPC-HFW5200</b>	2.42	H.264 MJPEG	1	1920x1080	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	Multi Stream Support	Remarks
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 synchronise with camera. (Camera firmware issue) 3. Slow reaction when motion detection is triggered. (Camera performance limitation) 4. Polling the DI/Motion status will make the audio stutter (Camera performance limitation)										
<b>IPC-HD2100</b>	2.212.0000.1 .T, build : 2014-02-08	H.264 M-JPEG	1	1280x960	-	-	-	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 invalid mac address in UPnP search										
<b>IPC-HFW3200C</b>	2.212.0000.1 .T, build : 2014-02-08	H.264 M-JPEG	1	1920x1080	1-way	2/1	-	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. 5. There is invalid mac address in UPnP search.										
<b>IPC-HDB3101</b>	Refer to IPC-HFW3101C (FW V2.103)	H264 MJPEG	1	1280x960	1-way*2	2/1	-	*2	*2	Yes	Supported by design
<b>IPC-HDBW3101</b>	Refer to IPC-HFW3101C (FW V2.103)	H264 MJPEG	1	1280x960	1-way*2	2/1	-	*2	*2	Yes	Supported by design
<b>IPC-HFW3101C</b>	V2.103	H264 MJPEG	1	1280x960	1-way*2	2/1	-	*2	*2	Yes	
Note	FW issue, bit rate range is different between camera web and response to cgi.										
<b>SD6366E-HN</b>	2.213.0000.1 .R, build : 2013-12-27	H.264 M-JPEG	1	704x576	1-way	*2	Yes	Yes	*2	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										
<b>SD65XX-HN</b>	2.102.0001.0 .D	H.264 M-JPEG	1	1920x1280	1-way	7/2	Yes	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	Multi Stream Support	Remarks
Note:	1.MJPEG not support MD 2.FW issue, MJPEG bitrate can't not set over 8192.										
<b>SD69XX-HN</b>	refer to SD65XX-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 set over 8192.										
<b>SD6A230</b>	2.212	H.264 MJPEG	1	1920x1080	1-way	7/2	Yes	Yes	*2	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)										

## Digital Watchdog

- : 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
<b>DWC-MD421</b>	Camera 4.4 Kernel 1.0.0.0 Server 1.1.1.8	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	*1	Yes	Yes	Yes	Yes	
Note:	MD421 includes MD421D and MD421TIR 1. Not support Zoom, Focus, Talk, VideoParamSetting. 2. Not support dual stream when select single stream for ONVIF setting at webpage. 3. There is a valid resolution 320x0 in profile1 at MJPEG. 4. The quality value is not sync. with webpage											
<b>DWC-MPA20M</b>	Camera 3.3 Kernel 1.0.0.0 Server 1.1.1.8	H.264 MPEG4 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Yes	
Note:	1. Not support dual stream when select single stream for ONVIF setting at webpage. 2. There is a valid resolution 320x0 in profile1 at MJPEG. 3, The quality value is not sync. with webpage 4, Setting frame rate to 0 did not work.											
Note:	1. There are two port settings on camera web, web port and service port. When NVR and camera are located in the same network, you can use this web port as configuring port on NVR. While if NVR and camera are located in different network, you must choose service port. For the latter, "go to web" function on NVR setting page might direct to the wrong url.											
<b>DWC-MV421</b>	Certificate DWC- MD421 (Camera FW 4.4, Kernel version 1.0.0.0, Server version 1.1.1.8)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	*1	Yes	Yes	Yes	Yes	
Note:	MV421 includes MV421D and MV421TIR											



## D-Link



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 \*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	UPnP	Multi Stream Support	Remarks
DCS-1100	1.00	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	Supported by design
DCS-1100L	1.03_4130	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-1130	1.00	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	Supported by design
DCS-1130L	1.03_4130	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-2102		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Supported by design
DCS-2103	1.20.00	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
DCS-2120		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
DCS-2120(TW)	0201tw	MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	
DCS-2121		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Supported by design
DCS-2130	Refer to DCS-2103(1.20.00)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-2132L	1.00.06	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1-way	-	Yes	Yes	Yes	
DCS-2136L	0.01.04	H.264 MPEG4 M-JPEG	1	1280x720	1-way	1-way	-	Yes	Yes	Yes	
DCS-2210	1.20.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-2230	Refer to DCS-2210(1.20.00)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-2310L	Refer to DCS-2332L(1.02.00)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
DCS-2132LB1	v2.00.05	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
DCS-2330L	1.00.01	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
Note:	DCS-2132LB1, DCS-2330L: Not support TCP/UDP										

## D-Link



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-2332L	1.02.00	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
DCS-3010	1.11.00	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	
Note:	DCS-3010 Camera Issue: 1. Motion detection is highly possible out of function after setting camera parameter. 2. Setting bitrate to 8000kbps will fail.										
DCS-3110		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-3112	v1.11.01	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3220		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
DCS-3220G		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	
DCS-3410		MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design
DCS-3411	1.02_4125	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3415	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
Note:	DCS-3415 PTZ Support: zoom only.										
DCS-3420	1.03	MPEG4 M-JPEG	1	704x480	1-way	1/1	-	Yes	Yes	-	
DCS-3430	1.02_4125	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3511	v1.00.06	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-3530	Refer to DCS-3511(v1.00.06)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-3710	1.00	MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3710B1	0.02.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3713		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/1	-	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	Multi Stream Support	Remarks
<b>DCS-3714</b>	v1.00.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	Yes	Yes	
Note:	DCS-3714 Camera Issue: Not support 8M bitrate										
<b>DCS-3715</b>	v1.20_24_Aug_2012	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>DCS-3716</b>	1.00.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	RS-485	Yes	Yes	Yes	
<b>DCS-5010L</b>	Refer to DCS-5020L(1.01)	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-5020L</b>	1.01	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
<b>DCS-5211L</b>	1.10	H.264 MPEG4	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	
<b>DCS-5220</b>	0200	MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	
<b>DCS-5220 Bx</b>	2.00	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
<b>DCS-5220(TW)</b>		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design
<b>DCS-5222L</b>	1.10	H.264 MPEG4	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	
<b>DCS-5222LB1</b>	2.00.05	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	DCS-5222LB1 Camera Issue. 1. Not support talk 2. Not support preset 3. Direction of PTZ is opposite										
<b>DCS-5230</b>	1.02_4317	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
<b>DCS-5230L</b>	1.02_4317	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
<b>DCS-5605</b>	1.01, 4126	H.264 MPEG4 M-JPEG	1	740x480	1-way	1/1	Yes	Yes	Yes	Yes	
<b>DCS-5610</b>		MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-5615</b>	1.00.02	H.264 M-JPEG	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes	

## D-Link



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For multi stream support:  
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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-5635	1.01, 4126	H.264 MPEG4 M-JPEG	1	740x480	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-6004L	0.00.01	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
DCS-6005L	Refer to DCS-6004L(0.00.01)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
DCS-6010L	1.02.00	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	-	-	Yes	Yes	Yes	
Note:	DCS-6010L: fisheye camera										
DCS-6045L	V1.00b3	H.264	1	1280x720	1-way	-	-	Yes	Yes	Yes	
DCS-6110	1	M-JPEG	1	720x576	-	1/1	-	Yes	Yes	Yes	
DCS-6111	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
DCS-6112	v2.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	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	
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-6112V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-6113	refer to DCS-6112(v2.10.02)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	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
DCS-6113V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-6331VB1	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	1-way	1/1	-	Yes	Yes	Yes	

## D-Link



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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	Multi Stream Support	Remarks
DCS-6210	1.00.06	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
DCS-6314	v1.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-6315	Refer to DCS-6115(0.01.00)	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-6410	1.00	MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design
DCS-6510	1.02	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
DCS-6511	1.11.13	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
DCS-6513□	V1.01.02	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1.DCS-6513 PTZ only support zoom & focus										
DCS-6517	v0.00.07	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes	
DCS-6616	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	8/1	Yes	Yes	Yes	Yes	
DCS-6620	1.05	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
DCS-6620G	1.05	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	-	
DCS-6815B1	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-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	
DCS-6818B1	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	8/1	Yes	Yes	Yes	Yes	
DCS-6915	v1.00.10	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
DCS-7000L	v0.09.00	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
DCS-7010L	v1.03.07	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	

## D-Link



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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	Multi Stream Support	Remarks
DCS-7110	v1.20_20120517	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	Yes	Yes	Yes	Yes	
DCS-7110B1	v3.00.01	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	
DCS-7410	1.00_3710	MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-7413	1.00.02	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-7413 B1	2.00.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-7510	1.00	MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design
DCS-7513	1.00.03	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
DCS-7517	refer to DCS-6517(v0.00.07)	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-900	1.00	MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
DCS-910	1.00	MPEG4	1	640x480	-	-	-	-	Yes	-	Supported by design
DCS-920		M-JPEG	1	640x480	-	-	-	-	Yes	-	Supported by design
DCS-930	1.00 build 2	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-930L	1.00 build 2	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-930LB1	2.00	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
Note:	Camera issue: Auto detection faild.										
DCS-931L	1.00_b4	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-932	1.00	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-932L	1.05_2012-10-26_2.0.16-b4	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	

## D-Link



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>DCS-932LB1</b>	refer to DCS-930LB1(v2.00 b1)	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>DCS-933L</b>	1.00_b4	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>DCS-935L</b>	V1.00	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	
<b>DCS-940L</b>	1	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>DCS-942L</b>	1.2	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>DCS-942LB1</b>	V2.00_3815	H.264 MJPEG MPEG4	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>DCS-950</b>		MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
<b>DCS-950G</b>		MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
<b>DCS-G900</b>		M-JPEG	1	640x480	-	-	-	-	Yes	-	Supported by design
<b>DCS-N2100</b>		MPEG4 M-JPEG	1	640x480	-	-	-	Yes		Yes	
<b>DCS-N2104</b>		MPEG4 M-JPEG	1	640x480	-	-	-	Yes		Yes	
<b>DCS-N2200</b>		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes		Yes	
<b>DCS-N2204</b>		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes		Yes	
<b>DCS-N3530</b>		MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes		Yes	
<b>DCS-N3531</b>		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
<b>DCS-N3534</b>		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
<b>DCS-N4141</b>		MPEG4 M-JPEG	1	1280x1024	-	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	Multi Stream Support	Remarks
DCS-N4532		MPEG4 M-JPEG	1	720x576	-	1/1	-	Yes		Yes	
DCS-N4533		MPEG4 M-JPEG	1	720x576	-	1/1	-	Yes		Yes	
DCS-N5424		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N5440		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N5441		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N5442		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N5444		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N6240		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N6241		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N6244		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DVS-104		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
DVS-210-1	1.00.01	MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes	
DVS-310-1	1.00.11	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes	
DVS-N1010		MPEG4 M-JPEG	4	720x576	-	4/4	Yes	Yes		Yes	
DVS-N3010		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
DVS-N3011		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
DVS-N3014		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	



## D-Link



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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	Multi Stream Support	Remarks
<b>DVS-N3040</b>		MPEG4 M-JPEG	4	700x576	-	4/4	Yes	Yes		Yes	
<b>DVS-N3041</b>		MPEG4 M-JPEG	4	688x544	-	4/4	Yes	Yes		Yes	
<b>DVS-N3044</b>		MPEG4 M-JPEG	4	688x544	-	4/4	Yes	Yes		Yes	
<b>Super Model</b>	Tested bt DCS-2332L(V1.01.02)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	-	Yes	

## DlinkCN



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>DCS-H_Series</b>		H.264 M-JPEG	1	2592x1944	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>DCS-V_Series</b>		H.264 MPEG4 M-JPEG	1	-	1-way	4/4	Yes	Yes	-	Yes	Supported by design
<b>DCS-H30-51D/S</b>	Refer to DCS-H50-21D/S(1.0.0x0)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-H41-11D/SI</b>	Refer to DCS-H50-21D/S(1.0.0x0)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-H41-11D/SO</b>	Refer to DCS-H50-21D/S(1.0.0x0)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-H42-21D/SA</b>	Refer to DCS-H50-21D/S(1.0.0x0)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-H42-21D/SM</b>	Refer to DCS-H50-21D/S(1.0.0x0)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-H50-21D/S</b>	1.0.0X0(20140307)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>DCS-H70-21D</b>	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Which covered DCS-H70-21D/A and DCS-H70-21D/M										
<b>DCS-H70-21D/M</b>	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>DCS-H70-21D/SA1</b>	Refer to DCS-H50-21D/S(1.0.0x0)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-H70-21D/SM1</b>	Refer to DCS-H50-21D/S(1.0.0x0)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>DCS-H70-22D</b>	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>DCS-N40M-81H3</b>	VC1.0.10	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	DCS-N40M-81H3: Not support TCP/UDP										
Note:	Firmware Issue: Not support Motion Detection; Bitrate List on web shows 3Mkbps (the truly Bitrate value of camera could be 3Mkbps or 2.5Mkbps)										
<b>DCS-N20M-10H2</b>	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design

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DCS-N30M-51H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-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 (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N62-40H2	V1.0.40	H264 MJPEG	1	720x480	1-way	1/1	Yes	-	Yes	Yes	
DCS-N70M-20H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-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	Yes	
DCS-N31M-21H3	Refer to DCS-N70M-81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N40M-22H3	Refer to DCS-N70M-81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	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	1-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-V30M-50H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V30M-51H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design

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DCS-V30M-51H2	Refer to DCS-N70M-81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	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
DCS-V40M-32H	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-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	1-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 (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V70M-21H	v1.0.30	H264 MJPEG	1	1600x1200	1-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	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N70M-50H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design

**DYNACOLOR**

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<b>Generic</b>	z120130417 NSA	H.264 M-JPEG	1	2592x1944	1-way	4/2	Yes	Yes	-	Yes	
Note:	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 firmwave must be z120130417NSA or above then can use generic model.										
<b>na063</b>	z120120523 NSA	H2.264	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.										
<b>NA083</b>	z120131016 NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. M-JPEG on high resolution and quality may not get parameter. 2. Audio has some noise in high resolution.										
<b>NH061-CCD</b>	CCD-cameraFw-100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	Camera FW is not stable enough, so camera is likely disconnected after modifying parameters. Current workaround is turning off and on to reboot camera. Remove resolution 1280x720 in H.264 codec due to broken image problem. Known FW issue: audio may be broken in certain operation.										
<b>NH221-CCD</b>	CCD-cameraFw-100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	Remove resolution 1280x720 in H.264 codec due to broken image problem. The image is broken badly when configuring to the highest resolution, fps, and quality under H.264/MPEG4 with UDP protocol. Known FW issue: audio may be broken in certain operation.										
<b>NH720-20N1</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	-	Yes	Yes	Yes	
<b>NH720-20N8</b>	Refer to NH820-20N8 (z120131126	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
<b>NH820-20N1</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
<b>NH820-20N8</b>	z120131126 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
<b>nv053</b>	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	

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<b>nv063</b>	pm20120222 NSA	MJPEG/H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>nv103</b>	pm20120222 NSA	MJPEG/H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>nv223</b>	z120130417 NSA	MJPEG/H264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	nv223's PTZ only support Zoom. nv223 support zoom or not is depends on spec.										
<b>V1-A</b>		H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
<b>V1-B</b>	d20100630NS	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note:	There is high possibility to get broken image on the edge under H.264 codec with UDP protocol.										
<b>V2-A</b>		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>V2-B</b>	d20100826NS	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>V6-A</b>		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>V6-B</b>	d20100630NS	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	The image is broken badly when configuring to the highest resolution, fps, quality, etc.										
Note:	Model A is referred to model B, promised by the manufacturer, so model A may encounter same issues of model B.										

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
GLC-1401	1.42	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	Supported by design
GLC-1601	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLC-1602H	1.43	H.264 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLC-1610H		H.264 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
GLC-1701/IR	1.45	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	Yes	
GLD-1401	1.40	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	-	
GLD-1501/IR	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLS-2101	1.45	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLS-2104	1.78	M-JPEG	4	704x272	1-way	-	Yes	Yes	Yes	Yes	
GLS-2301H	1.09	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	Yes	Yes	
NLC-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	Yes	Yes	Yes	Yes	
NLD-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	Yes	
NLS-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	2/0	Yes	Yes	Yes	Yes	
NXC-1301M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXC-1302M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
NXC-1401M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXC-1402M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	

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<b>NXD-1301M</b>	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
<b>NXD-1302M</b>	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
<b>NXD-1401M</b>	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
<b>NXD-1402M</b>	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
<b>GXB-1710M-IR</b>	refer to GXC-1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>GXB-1720M-IR</b>	Refer to GXC-1720M	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>GXC-1605M</b>	Refer to GXC-1606M-IR	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>GXC-1606M-IR</b>	2.03	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
<b>GXC-1710M</b>	2.11	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Audio is disabled currently for camera FW bug: NXC-1301M, NXC-1302M, NXC-1401M, NXC-1402M, NXD-1301M, NXD-1302M, NXD-1401M and NXD-1402M										
Note:	PTZ is only supported by external RS-485 device.										
<b>GXC-1720M</b>	1.05_Beta	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
<b>GXD-1610M-IR</b>	Refer to GXC-1606M-IR	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>GXD-1710M-IR</b>	refer to GXC-1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>GXD-1720M-IR</b>	Refer to GXC-1720M	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>PXB-1080Z03</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>PXB-2080MIR</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design



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<b>PXB-2080Z03</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>PXB-2180Z03</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>PXC-2080CS</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>PXC-2080Z03</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>PXD-1010F02</b>	vr20121016NSA	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>PXD-1020F02</b>	Refer to PXD-1020F02 (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										
<b>PXD-2080MIR</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>PXD-2080Z03</b>	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>PXD-2080Z03IR</b>	4.19-20-ds	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	-	
Note:	1. Only support rtsp port 554 due to camera firmware issue. 2. Only integrate NTSC mode due to camera firmware issue. 3. Audio will be discontinuous under fps 1. 4. Framerate may not enough under high resolution, framerate and quality settings.										

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Hawk SX 402		MJPEG H264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Hawk SX 402M		MJPEG H264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Mercury SX 302		MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Mercury SX 302IR		MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Mercury SX 302M		MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Orion SX 802IH		MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Orion SX 802OPH		MJPEG H264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
SX 605		MJPEG H264	1	2594x1944	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Vega SX 102		MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Vega SX 102IH		MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design

## Etrovision



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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	Multi Stream Support	Remarks
EV8180A	1.1.4 (build 003)	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
EV8180Q - XD	1.1.4 (build 003)	MJPEG, H264	1	2048x1536	1-way	1/1	Yes	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.										
EV8580A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8581A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8582U-BL	1.1.6 (build 003)	MJPEG, MPEG4, H264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note	1.Camera only support MD under H.264.										
EV8780A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8781A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8782A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8782Q - BD	Refer to EV8180Q-(XD)1.1.4 (build 003))	MJPEG, H264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N51A-ML	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	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	Yes	Supported by design

## Etrovision



- : 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	UPnP	Multi Stream Support	Remarks
<b>N51U-ML</b>	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N71U-ML</b>	1.1.6 (build 003)	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note	1.Camera only support Focus and Zoom . 2.Audio with noise. 3.Camera only support MD under H.264. 4.Dual stream will not connect if settings of main stream is MPEG4, 1080P and FPS over 20.										

## Everfocus



- : 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
EAN3200	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EAN800A	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EAN800AW	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	Supported by design
EAN850A	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EAN900	1.2.5	H.264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	-	
Note:	Fix stream 1 as recording stream and fix stream 2 for mobile client used.											
EAN2150	CCD-cameraFw-100811P	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
EAN2350	ev20111116 NSA	H.264, MJPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	-	Yes	
EAN2218	ev 20111116NS A	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
EAN3120	V1.0.5	H.264, MJPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Yes	
EAN3220	V1.0.5	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
EAN3300	refer to EHN3340(1.2 .4)	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
EDN1220	1.0.8	M-JPEG H.264	1	1920x1080	1-way	0/0	-	Yes	Yes	Yes	Yes	
Note:	1. Not support Mpeg4 2. can't switch CBR/VBR. 3. only support VBR.											
EDN1320	1.0.8	M-JPEG H.264	1	2048x1536	1-way	0/0	-	Yes	Yes	Yes	Yes	
Note:	1. Not support Mpeg4 2. can't switch CBR/VBR. 3. only support VBR.											
EDN2210	ev20121002 NSA	H.264, MJPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	Yes	
EDN2245	ev20111028 BNS	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	

## Everfocus



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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	ONVIF Search	Multi Stream Support	Remarks
EDN2260	1.3.0.d	H.264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	-	Yes	Yes	Yes	
Note:	1. The value of H.264 quality isn't synchronized with camera's web											
EDN3240	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EDN3160	1.0.18	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
EDN3260	1.0.18	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	
EDN3340	refer to EHN3340(1.2 .4)	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
EDN800	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EDN850H	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EHN3160	1.0.18	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
EHN3200	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EHN3260	1.2.2	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	
EHN3340	1.2.4	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	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	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
EMN2220	0.8.7-B10	M-JPEG H.264	1	1920x1080	1-way	0/0	-	Yes	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	Yes	

# Titan NVR Supported Camera List



DP v3.6\_release date\_2014.8

## Everfocus



- : 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
Note:	EMN2320 no support 720x480, 704x480 and 640x480 resolution.											
<b>EPN2218</b>	ev20111116 NSA	M-JPEG H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	-	Yes	
<b>EPN3100</b>	1.2.14	H.264 MPEG4 MJPEG	1	704x576	1-way	4/2	Yes	Yes	Yes	-	-	Supported by design
<b>EPN3600</b>	1.2.14	H.264 MPEG4 MJPEG	1	704x576	1-way	4/2	Yes	Yes	Yes	-	-	
<b>EPN4122</b>	1.0.5	M-JPEG H.264	1	1280x960	1-way	2/2	Yes	Yes	Yes	Yes	Yes	
<b>EPN4220</b>	1.0.16	M-JPEG H.264	1	1920x1080	1-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)											
<b>EPN4220P</b>	refer to EPN4220(1.0 .16)	M-JPEG H.264	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>EPN4230</b>	refer to EPN4220(1.0 .16)	M-JPEG H.264	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>EQN2200</b>	1.0.27	H.264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	-	Supported by design
<b>EQN2201</b>	1.0.27	H.264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	-	Supported by design
<b>ETN2110</b>	v3.2.1.4	M-JPEG MPEG4 H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Yes	
Note:	ETN2110: Motion detection is not compatible with MPEG4 codec because of camera firmware issue.											
<b>ETN2260</b>	1.0.1_F1	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	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)											
<b>EVS200A</b>	1.2.8	H.264 MPEG4 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	-	

## Everfocus



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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	ONVIF Search	Multi Stream Support	Remarks
<b>EVS200AW</b>	1.2.8	H.264 MPEG4 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	-	Supported by design
Note:	EVS200A/EVS200AW: Fix stream 1 as recording stream and fix stream 2 for mobile client used. PTZ is only supported by external RS-485 device.											
<b>EVS410</b>	1.0.21	H.264 MJPEG	4	704x480	1-way	4/1	-	Yes	-	Yes	-	
Note:	1.MJPEG high resolution only can up to 10 fps. 2.Not support RS-485 ptz.											
<b>EZN3240</b>	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
<b>EZN850</b>	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	-	
Note:	PTZ: support focus only.											
Note:	Implement with ONVIF protocol v1.02: EAN3200, EDN3240, EHN3200, EQN2200, EQN2201, EVS410, EZN3240											
Note:	Due to the limitation of ONVIF protocol, ONVIF search works only as cameras keep default administrator name and password.											
<b>EZN3160</b>	1.0.7-B1	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Yes	
<b>EZN3260</b>	1.2.4	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
Note:	1. Third stream resolution can't set to 160x128 2. Stream2 and Stream3 are not sync with the value of onvif tool when close and open the stream2,stream3 check box in web site.											
<b>EZN3340</b>	1.2.5-B2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	*1	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)											
<b>EZN3361</b>	refer to EZN3340(1.2 .5-B2)	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	



## Fine



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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	Multi Stream Support	Remarks
<b>ACM-R2001</b>	1.02.09	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note:	Framerate may not enough about 2~8 fps due to camera issue.										
<b>ACM-R3002</b>	1.02.06A	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	MPEG4 has some problem not solve in quality mode change.										
<b>ACM-R3006</b>	1.02.05T	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	*2	Yes	Yes	Yes	
<b>ACM-V3001</b>	1.02.09	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	-	Yes	Yes	Yes	
<b>ACM-V3002</b>	1.02.06A	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes	
<b>ACM-V3103</b>	2.03.14A	H.264 MPEG4 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	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).										
<b>C3000/C3000-W</b>	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
<b>CDB-5VM551</b>	refer to CDV-5VM501(VC1.0.22.4_F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>CDB-720F</b>		H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	Yes	
<b>CDB-720F/IR</b>	V1.0.20_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	Yes	
<b>CDB-720V</b>	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1-1	-	Yes	Yes	Yes	
<b>CDB-720VIR</b>	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	Yes	
<b>CDB-720VIR-H</b>	VE2.0.14.2_F	H.264 MJPEG	1	1280x800	1-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										

## Fine



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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	Multi Stream Support	Remarks
<b>CDB-HD280</b>	refer to TCP-HDVB800-H(VE2.0.14.4 F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>CDB-HFD720</b>	Refer to TCP-BF128 (VE1.0.10 F)	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
<b>CDB-HFD728</b>	refer to CDB-720VIR-H(VE2.0.14.2 _F)	H.264 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>CDB-HFD828</b>	refer to TCP-HDVB800-H(VE2.0.14.4 )	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>CDB-MD602</b>	refer to TCP-MB602(VG1.0.00_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>CDB-MV1080F</b>	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	
<b>CDB-MV720F</b>	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.										
<b>CDB-MV720F-H</b>	Refer to TCP-BF128 (VE1.0.10 F)	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
<b>CDV-2M360</b>	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	Fisheye camera										
<b>CDV-3V930</b>		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	-	Supported by design
<b>CDV-3V930U</b>		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	-	Supported by design
<b>CDV-3VM301</b>		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	VC1.0.06_F	-	Supported by design
<b>CDV-3VM501</b>	refer to TCP-MH802(1.0.4 6)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>CDV-3VM800</b>	VC1.0.06_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>CDV-3VM800-H</b>	refer to TCP-HDVB800-H(VE2.0.14.4 F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design

## Fine



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For multi stream support:  
 Yes: multi stream fix to 500kbps/100kbps  
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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
CDV-3VM800Z3	refer to TCP-HDVB800Z3(VC2.0.22.4)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CDV-3VWD960	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	
CDV-3VWD960H		H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	Supported by design
CDV-5VM501	VC1.0.22.4_F	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Bit rate list is incorrect. (Camera firmware issue) 2. Even though the resolution can be set to 2048x1538 in camera web, the actual resolution may not reach the maximum resolution (Camera firmware issue) 3. Camera is unable to achieve maximum FPS, when Quality set to best. (Camera performance limitation) 4. Palyback stutter. (NUUO server limitation)										
CDV-MD602	Refer to TCP-MB602 (VG1.0.00 F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CDV-MFB2000D	2.03.17	H.264 MPEG4	1	1920x1080	1-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(VE2.0.14.4 F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CDV-P360	refer to TCP-MH802(1.0.4 6)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CDV-P360-5	refer to CDV-5VM501(VC1.0.22.4_F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	Fisheye camera										
EDH-02H	V1.0.20_F	H.264 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	-	-	
EP-201		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-221		MPEG4 M-JPEG	1	720x480	1-way	1/0	Yes	Yes	-	-	Supported by design
EP-221DN		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-601		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design

## Fine



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For multi stream support:  
 Yes: multi stream fix to 500kbps/100kbps  
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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
EP-601HW		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	
EP-908		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-908HW		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-936		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-936HW		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-HTQ935	V3.2.56_F	MPEG4 M-JPEG	1	720x480	-	0/0	Yes	Yes	-	-	
EP-Q2018H-IP		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-Q2018HW-IP	V1.0.8_F	H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	
EP-Q2026H-IP		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-Q2026HW-IP		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-Q2036H-IP		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
EP-Q2036HW-IP		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	Supported by design
MD-D1200		MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	-	-	Supported by design
MD-D1322	V1.0.23.09_F	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	*1	Yes	Yes	Yes	
MD-D1612	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	-	
MD-D3622Q-H	VD1.0.12_04_F	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
SP-HP2020C-IP	refer to SP-HP2330Q-IP(v2.3.1)	M-JPEG H.264	1	1920x1080	1-way	*1	Yes	Yes	Yes	-	Supported by design
SP-HP2020Q-IP	refer to SP-HP2330Q-IP(v2.3.1)	M-JPEG H.264	1	1920x1080	1-way	*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	Multi Stream Support	Remarks
SP-HP2320C-IP	refer to SP-HP2330Q-IP(v2.3.1)	M-JPEG H.264	1	1920x1080	1-way	*1	Yes	Yes	Yes	-	Supported by design
SP-HP2330Q-IP	onvif_v2.3.1_20130922	M-JPEG H.264	1	1920x1080	1-way	*1	Yes	Yes	Yes	-	
Note:	1. Parameter can not setting. 2. Audio codec only support G711A 8K and G711MU 8K. 3. PTZ not support focus.										
SP-PTIR737-IP	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	0/0	Yes	Yes	-	-	
SP-PYIR737-LA-IP		H.264 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	-	Supported by design
TCMA-99		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	-	Supported by design
TCMP-99		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	-	Supported by design
TCP-336AM	VB1.0.40_F	H.264 MPEG4 M-JPEG	1	2032x1536	1-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 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	
TCP-1300AM	V1.0.26_F	H.264 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	-	
TCP-2200AM	V1.0.30_F	H.264 MJPEG	1	1600x1200	1-way	-	-	-	Yes	Yes	
TCP-2200AM-H	refer to TCP-HDVB800-H(VE2.0.14.4_F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-2700AM	refer to CDB-720VIR-H(VE1.0.12.2_F)	H.264 MJPEG	1	1280x800	1-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	1-way	1/1	-	Yes	Yes	Yes	Supported by design

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TCP-2800AM	refer to TCP-HDVB800-H(VE2.0.14.4_F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-670DNU		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	Supported by design
TCP-680DNU		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	Supported by design
TCP-690		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	Supported by design
TCP-690DN		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	Supported by design
TCP-690U	V3.2.60_F	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	
TCP-BF128	VE1.0.10_F	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
TCP-BF1080	refer to TCP-HDVB800-H(VE2.0.14.4_F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. (Camera issue): FPS could not reach up to 20/30. 2. (Known issue): The info. of stream profile display failure										
TCP-BF728IR	refer to CDB-720VIR-H(VE2.0.14.2_F)	H.264 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-BF828IR	refer to TCP-HDVB800-H(VE2.0.14.4_F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-HDVB720P	V1.0.20_F	H.264 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
TCP-HDVB720-H	Refer to TCP-BF128 (VE1.0.10_F)	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
TCP-HDVB800	VC1.0.18.2_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	-	Yes	Yes	
TCP-HDVB800-H	VE2.0.14.4_F	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	1.Camera is unable to achieve maximum FPS.(Camera performance limitation) 2.Audio has noise.(Camera firmware issue)										

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TCP-HDVB800Z3	VC2.0.22.4_F	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	The info. of stream profile display failure.										
TCP-HDVB801		H.264 MPEG4 M-JPEG	1	1920x1080	1-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-BF128(VE1.0.10)	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
TCP-HFB1080D	2.03.10	H.264 MPEG4	1	1920x1080	-	-	-	Yes	*1	Yes	
Note:	1.The response of camera setting is slow.										
TCP-HP1080	VC1.0.06_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
TCP-HP1080WI		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	-	*1	Yes	
TCP-HP930		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	Supported by design
TCP-HP930U		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	Supported by design
TCP-HVB3100D	refer to ACM-R3002(1.02.06A)	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-HVB3105D	2.03.14A	H264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	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		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	Supported by design
TCP-IPWD700DN	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	

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TCP-IR590-WD30	V1.0.20_F	H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	
TCP-IR590-WD50		H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	Supported by design
TCP-IRH5030C	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-IRH5040C	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-IRH5080-50	VC1.0.20_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
TCP-IRH5080-70	Refer to TCP-IRH5080-50(VC1.0.20_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-IRV540		MPEG4 M-JPEG	1	720x480	1-way	0/0	-	Yes	-	-	Supported by design
TCP-IRV560		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	-	Supported by design
TCP-M912DN	V1.2.28_F	MPEG4 M-JPEG	1	MPEG4: 640x480 M-JPEG:	1-way	2/2	-	Yes	-	-	
TCP-MB602	VG1.0.00_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
TCP-MH802	1.0.46	M-JPEG H.264	1	1600x1200	1-way	1/1	-	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 CDV-5VM501(VC1.0.22.4_F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	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-MZ602	Refer to TCP-MB602 (VG1.0.00_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
TCP-VM201		MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes	Supported by design



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<b>TCP-VM359</b>	VC1.0.16_F	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
<b>TCP-VM501</b>	refer to TCP-MH802(1.0.46)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>TCP-VM559</b>	refer to CDV-5VM501(VC1.0.22.4 F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>WB-8211SD</b>		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	Yes	Supported by design
<b>WB-8211SDU</b>		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	Yes	Supported by design
<b>WB-8411</b>		MPEG4 M-JPEG	4	720x480	1-way	4/1	-	Yes	-	Yes	Supported by design
<b>WB-8412</b>	V2.2.26_F	MPEG4 M-JPEG	4	688x448	1-way	4/4	Yes	Yes	-	Yes	
<b>WB-H811</b>		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes	Supported by design
<b>WB-H814</b>	V1.0.40_F	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	-	Yes	

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<b>ACD-3VM501</b>	refer to ACDV-3VM501	H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	Supported by design
<b>ACDV-3VM501</b>		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	Supported by design
<b>AEP-Q2018HW-IP</b>		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes	-	Supported by design
<b>AEP-Q2026HW-IP</b>		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes	-	Supported by design
<b>AEP-Q2036HW-IP</b>		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes	-	Supported by design
<b>ASP-PTIR737-IP</b>		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes	-	Supported by design
<b>ASP-PTIR737-LA-IP</b>		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes	-	Supported by design
<b>ATCP-IRH5030C</b>		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	Supported by design
<b>ATCP-IRH5040C</b>		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	Supported by design
<b>ATCP-MH802</b>		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	Supported by design
Note:	ATCP-MH802DN, ATCP-MH802DN/WI and ATCP-MH802WI are compatible with ACTP-MH802										
<b>ATCP-VM501</b>		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>AWB-H811</b>		H.264 M-JPEG	1	720x480	-	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>AWB-H814</b>		H.264 M-JPEG	1	720x576	-	4/4	-	Yes	Yes	Yes	Supported by design
<b>B0100</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
<b>B0202</b>	V3.2.0.0	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>B1100</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
<b>C1100</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design

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<b>C1100-W</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>C2002</b>	Refer to C2200	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>C2002-W</b>	Refer to C2200-W	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>C2100</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>C2200</b>	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>C2200-W</b>	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D0100</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>D1100</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
<b>D2000-FD3</b>	Refer to M4202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D2000-VD3</b>	Refer to M4202-DB02	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D2000-VP2</b>	Refer to M7202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D2100</b>		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
<b>FBU-200LWD</b>	AgWT820012 2N06 V32 1401213F	H.264	1	1920x1080	1-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/minimun stream is unable to achieve 500bps/100bps under D1, SXGA resolution.										
<b>FBU-201LWD</b>	Refer to FBU-200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	Yes	Supported by design

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<b>FBU-300LWD</b>	refer to FVD-300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	Yes	Supported by design
<b>FBU-301LWD</b>	refer to FVD-300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	Yes	
<b>FBS-1300BX</b>	AgWT8130104N20_1405282B	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
<b>FBS-1300BL</b>	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBS-1300D</b>	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBS-1300IDR</b>	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBS-1300MID</b>	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBS-1300MVD</b>	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBS-1300VD</b>	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBS-1300VDR</b>	refer to FBS-1300BX(AgWT8130104N20_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBX-200</b>		H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>FBX-200CL</b>	Refer to FBU-200LWD (FW AgWT8200122N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	Yes	Supported by design

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<b>FBX-200LWD</b>	Refer to FBU-200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	Yes	Supported by design
<b>FBX-300LWD</b>	refer to FVD-300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	Yes	Supported by design
<b>FBX-300WD</b>		H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>FDM-200</b>		H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>FDM-200LWD</b>	Refer to FBU-200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	Yes	Supported by design
<b>FDM-300LWD</b>	refer to FVD-300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	Yes	Supported by design
<b>FDM-300WD</b>		H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>FVD-200</b>		H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>FVD-200LWD</b>	Refer to FBU-200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	Yes	Supported by design
<b>FVD-200LWD</b>	Refer to FDM-200	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
<b>FVD-300LWD</b>	AgWT830003 6N06 V32 1401214F	H.264	1	2048x1536	1-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/minimun stream is unable to achieve 500bps/100bps under D1, SXGA, 3M resolution.										

## Forenix



- : 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	UPnP	Multi Stream Support	Remarks
FVD-300WD		H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
GE-100-VS		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
IPB-1080BL	Refer to IPD-1080CD (VC1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-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	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPD-1080CD	VC1.0.22.6_TG	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPV-1080CD	Refer to IPD-1080CD (VC1.0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-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	1-way	1/1	-	Yes	Yes	Yes	Supported by design
ISPD II-1312WD	AgWT813131 2N20_14041 85F	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 minutes. After periodic moving, camera can't tilt for 1 minute.										
ISPD II-3018WD	AgWT830301 8N20_14041 85F	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	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
M0202-BH02	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
M0202-BH03	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
M4202-DB02	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design

## Forenix



- : 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	UPnP	Multi Stream Support	Remarks
<b>M4202-DB03</b>	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>M7202-DB03</b>	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NPB-720</b>	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>NPB-720A</b>	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>NPB-720BM</b>	VB1.0.26_TG	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	
Note	FW issue cannot support UPnP and autodetect.										
<b>NPB-720U</b>	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>NPD-720K</b>	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>NPD-720R</b>	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>T2000-FB1</b>	Refer to M0202-BH01	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>T2000-FB2</b>	Refer to M0202-BH02	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>T2000-VB3</b>	Refer to M0202-BH03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>VQ2100</b>		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>VQ2200</b>		MJPEG MPEG4 H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>VQ2210C</b>		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>VQ2300</b>		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>VQ2310</b>		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

## GE



- : 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	UPnP	Multi Stream Support	Remarks
<b>TVC-M1245E-2M-P</b>	V4.0.g	H264 MPEG4	1	1280x690	-	-	-	Yes	Yes	Yes	
<b>TVC-MP2B-S</b>	e20120223B NS	H264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	



## Grandstream



- : 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	UPnP	Multi Stream Support	Remarks
<b>GXV-3501</b>	0.0.4.25	H264 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	Yes	
<b>GXV-3504</b>	0.0.4.25	H264 M-JPEG	4	704x480	1-way	4/4	Yes	Yes	-	Yes	
<b>GXV-3601</b>	0.0.4.25	H264 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	Yes	
<b>GXV-3601HD</b>	0.0.4.25	H264 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	-	Yes	
<b>GXV-3601LL</b>	0.0.4.25	H264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	Yes	
Note:	Video cannot be connected under the following settings: H.264 codec, 320x240, fps=1 and bit rate >= 1024. This might be camera FW issue.										
<b>GXV-3611HD</b>	0.0.4.25	H264 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	-	Yes	
<b>GXV-3611LL</b>	1.0.4.31	H264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	Yes	
Note:	Video cannot be connected under the following settings: H.264 codec, 320x240, fps=1 and bit rate >= 1024. This might be camera FW issue.										
<b>GXV-3615</b>	0.0.4.25	H264 M-JPEG	1	720x576	1-way	-	Yes	Yes	-	Yes	
Note:	Video cannot be connected under the following settings: H.264 codec, 320x240, fps=1 and bit rate >= 1024. This might be camera FW issue.										
<b>GXV-3651FHD</b>	0.0.1.51	H264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	-	Yes	
Note:	Not support 5 megapixel with M-JPEG codec currently.										
Note:	Video cannot be connected under the following settings: H.264 codec, 2560x1920, fps < 5. This might be camera FW issue.										
Note:	Video disconnects easily under the following settings: H.264 codec, megapixel, fps >= 2, highest bit rate with dim light. This might be camera FW issue.										
<b>GXV-3662HD</b>	0.0.1.50	H264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	
Note:	All cameras: audio noise on G.726 codec.										
Note:	All cameras: audio is not playing smoothly as users watch live videos on both NVR side and camera side, which might be camera FW bug or performance consideration.										

## Grundig



- : 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	UPnP	Multi Stream Support	Remarks
GCI-0735P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	Supported by design
GCI-C0745P	720110412N S	H.264 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	
GCI-G1536F	gr20140530 NSA	H.264, MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
<b>Note:</b>	Fisheye camera										
GCI-H0503B	720110422N S	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
GCI-H0522V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-H0602B		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-H2505B	Refer to GCI- K2505B(gr20 130417NSX)	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-K0322V	720110413N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
GCI-K0503B		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-K0512W		H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
GCI-K0523T		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>Note:</b>	With HW restrictions, the video @ H.264 with TCP protocol is not smooth in the conditions of high resolution, fps and bitrate. We recommend to lower bitrate to 4000.										
GCI-K0589T(H)	Refer to GCI- K1586V(gr20 130621NSA)	H.264, MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
GCI-K0779P	gr20130621 NSA	H.264, MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
GCI-K1523VS	Refer to GCI- K2505B(gr20 130417NSX)	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design

## Grundig



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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	Multi Stream Support	Remarks
<b>GCI-K1526V</b>	gr20120522 NSA	MJPEG, H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>GCI-K1526VS</b>	Refer to GCI-K2505B(gr20130417NSX)	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>GCI-K1585V</b>	Refer to GCI-K1586V(gr20130621NSA)	H.264, MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>GCI-K1586V</b>	gr20130621 NSA	H.264, MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	FW: gr20130621NAS, gr20130417NSX 1. Audio has noise when camera setting is high. 2. Get parameter will ailed when camera setting is high. 3. GCI-K1586V, GCI-K0589T(H), GCI-K1585V PTZ only support zoom and focus.										
<b>GCI-K1812W</b>	gr20120522 NSA	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>GCI-K2505B</b>	gr20130417 NSX	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Framerate setting will failed when choosing TV system Autoiris WDR25fps, WDR 25fps and WDR 30fps.										

## Guardeon



- : 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	UPnP	Multi Stream Support	Remarks
<b>GDN-D1300V</b>	AS65_ALL001_V0.01.09	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
Note: Not support 16 KHz sampling rate audio in.											
<b>GDN-DV1300IR</b> □	Refer to GDN-D1300V(AS65_ALL001_V0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D1300IR</b>	Refer to GDN-D1300V(AS65_ALL001_V0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D2300V</b>	Refer to GDN-H2300IR(AS65_ALL001_V0.02.04)	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D3200</b>	Refer to GDN-H2300IR(AS65_ALL001_V0.02.04)	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D3200V</b> □	AS65_ALL001_V0.02.00	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D3200IR</b>	Refer to GDN-D3200V(AS65_ALL001_V0.02.00)	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
<b>GDN-F1300V</b> □	Refer to GDN-D1300V(AS65_ALL001_V0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN-F2300</b>	Refer to GDN-H2300IR(AS65_ALL001_V0.02.04)	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
<b>GDN-H1300IR</b>	Refer to GDN-D1300V(AS65_ALL001_V0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN-H2300IR</b>	AS65_ALL001_V0.02.04	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes	

## Guardeon



- : 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	UPnP	Multi Stream Support	Remarks
GDN-H3200IR□	Refer to GDN-D3200V(AS65_ALL001_V0.02.00)	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	

## HDPRO

- : 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	UPnP	Multi Stream Support	Remarks
HD-IC221STH211P	1.3.0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	

Note:

1. The dual stream type is affected by the enabled streaming number on camera remote setup.
2. Audio only support G.711 codec.

## Guardliner



- : 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	UPnP	Multi Stream Support	Remarks
<b>SPmicro-412</b>	V1.31.0001A 082.22.6446. 256- SNA400436C 2	H.264 MPEG4 M-JPEG	1	D1	-	-	-	-	-	-	Support by design

## HIKVISION

New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable

- : 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	UPnP	Multi Stream Support	Remarks
<b>DS-2CD2012-I</b>	v5.0.2 build130805	H.264	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.										
<b>DS-2CD2112-I (I)</b>	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2212-I3</b>	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2212-I5</b>	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2312-I</b>	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2612F-I</b>	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2612F-IS</b>	v5.0.2 build130805	H264	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
<b>DS-2CD2632F-IS</b>	Refer to DS-2CD2732F-IS(v5.0.2 build130805)	H264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2712F-I</b>	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2712F-IS</b>	Refer to DS-2CD2612F-IS(v5.0.2 build130805)	H264	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>DS-2CD2732F-IS</b>	v5.0.2 build130805	H264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
<b>DS-2CD702NF-E</b>		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
<b>DS-2CD702PF-E</b>		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design



## HIKVISION

New-platform models: FW 20100628 is compatible  
Old-platform models: only FW 20100320 is acceptable

- : 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	UPnP	Multi Stream Support	Remarks
DS-2CD712NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD712PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD7133-E	V2.0 100628	H.264	1	640x480	-	-	-	Yes	-	-	
DS-2CD7153-E	v5.0.8 build 130930	H.264 MPEG4	1	1600x1200	-	-	-	Yes	Yes	Yes	
Note:	The range of framerate is not sync. with web when resolution is 1600x1200										
DS-2CD7253F-EIZ	V5.0.2 Build 130709	H.264 MPEG4	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. 4. UPnP Search can not get a valid mac address.										
DS-2CD732F-E	20100320	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
DS-2CD733F-E	V2.0 100716	H.264	1	640x480	1-way	2/2	Yes	Yes	-	-	Tested by manufacturer
DS-2CD752MF-E		H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DS-2CD752MF-FB	V2.0 110426	H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	DS-2CD752MF-FB PTZ can't test on RS-485										
DS-2CD753F-E	V2.0 100628	H.264	1	1600x1200	1-way	2/2	Yes	Yes	-	-	
DS-2CD754F-E	Refer to 2CD754FWD-EI	H.264 MPEG4	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
DS-2CD754F-EI	Refer to 2CD754FWD-EI	H.264 MPEG4	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
DS-2CD754FWD-EI	V3.2 120105	H.264 MPEG4 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	YES	Yes	
DS-2CD762MF-FB	20100320	H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	

## HIKVISION

New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable

- : 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	UPnP	Multi Stream Support	Remarks
DS-2CD792NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD792PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD793PFWD-E	V2.0 100628	H.264	1	704x576	1-way	2/2	Yes	Yes	No	-	Tested by manufacturer
DS-2CD802NF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802PF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802PF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design

## HIKVISION

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- : not available 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	Multi Stream Support	Remarks
DS-2CD812NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812PF	v2.0 build 090522	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Tested by manufacturer
DS-2CD812PF-E	Refer to DS-2CD812PF (FW v2.0 build 090522)	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812PF-W	Refer to DS-2CD812PF (FW v2.0)	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812N-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812N-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812N-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812P-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812P-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812P-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD8253F-EI	v4.0.3 build121123	H.264 MPEG4	1	1600x1200	-	-	-	Yes	Yes	-	
Note:	Not support audio but the clickbox is opened(cgi issue)										
DS-2CD8254F-EIS	V3.2 120105	H.264 MPEG4	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
DS-2CD8264FWD-(EIS)	v4.0.3 build121123	H.264 MPEG4	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	
Note:	PTZ can't work										
DS-2CD832F		H.264	1	704x576	1-way	1/1	Yes	Yes	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

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DS-2CD832F-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD852MF-E	20100320	H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	-	
DS-2CD853F-E	V3.2 120105	H.264 MPEG4	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
DS-2CD854F-E	V3.2 120105	H.264 MPEG4	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
DS-2CD862MF-E		H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD863PF-E	V2.0 100628	H.264	1	1280x960	1-way	1/1	Yes	Yes	-	-	Tested by manufacturer
DS-2CD864FWD-E	v4.0.3 build121123	H.264 MPEG4	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	
Note:	DI can't work, G726 talk can't work, zoom in/out can't work										
DS-2CD883F-E	V3.2 120105	H.264 MPEG4	1	2560x1920	1-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	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892PF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892PF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892N-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design

## HIKVision

New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable



- : 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	UPnP	Multi Stream Support	Remarks
DS-2CD892N-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892N-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892P-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892P-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892P-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2DF1-572	V4.1.2 build 121205	H.264	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	
DS-6101HF1-IP	V2.0 101112	H.264	1	704x576	-	1/1	-	Yes	-	-	
Note:	PTZ is only supported by external RS-485 device.										
Generic	v4.0.3 build121123 v1.0.2 build 121107 V4.1.2 build	H.264 MPEG4 MJPEG	4	2560x1920	1-way	2/2	Yes	Yes	*1	Yes	
Note:	1. v5.1.6 build 140412 is the version of firmware of IPCam 2. v1.0.2 build 121107 is the version of firmware of 6601HFHI 3. v4.1.2 build 121205 is the version of firmware of Speeddome 4. v4.0.9 build 130106 is the version of firmware of Rapter series										

## Histream



- : 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	UPnP	Multi Stream Support	Remarks
HIHD_64	2.3.1.2.0.150	H.264, MJPEG	1	704x480	1-way	1/0	Yes	Yes	-	Yes	
HIHD_T_IR	5.3.1.3.0.1	H.264, MJPEG	1	1920x1080	-	-	-	-	-	-	
Note:	HIHD_T_IR: Only support main stream video, camera setting(1920x1080, 1280x960, 1280x720) The others not mentioned are not support										
Note:	<ol style="list-style-type: none"> <li>1. camera response very slow</li> <li>2. camera response very slow, when change video parameter, there is high opportunity to disconnect. Just wait for a while, or reboot camera, and then be able to reconnect.</li> <li>3. camera response very slow, there is high opportunity to fail at autodetect, not support autodetect.</li> <li>4. not support preset function</li> </ol>										

## Honeywell



- : 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	UPnP	Multi Stream Support	Remarks
<b>ACUIX</b>	1.5.6	MPEG4	1	4CIF	-	-	Yes	-	-	Yes	
Note:	Sometimes the PTZ function doesn't work properly due to camera FW; users have to restart to make it work. The speed of PTZ is not correspondent with camera web, which might be due to camera FW.										
<b>H3D1F</b>	40.0.6	H.264	1	1280x720	1-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.										
<b>H3D2F</b>	40.0.6	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	
Note:	1. H3D2F: Only support Zoom, not support Pan and Tilt. 2. To ensure compatibility with H3D2F1X, H3D2F1, H4D2F1 or H4D2F1X, H3D2F must be selected to work with either model.										
<b>HCD554IP</b>	5.4.5	MPEG4	1	4CIF	1-way	0/1	-	-	-	Yes	
Note:	Disable input function due to camera FW.										
<b>HCD5MIH</b> □	13.1.2	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes	
Note:	For integration issue not support TCP connection.										
<b>HD3MDIH</b>	11.0.3	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes	
Note:	For integration issue not support TCP connection.										
<b>HD4MDIP</b>	8.04	MPEG4	1	1280x720	1-way	-	-	Yes	-	Yes	
<b>HD4MDIH</b>	12.0.3	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes	
Note:	For integration issue not support TCP connection.										
<b>HNVE1</b>	6.3.4	MPEG4	1	4CIF	1-way	-	-	-	-	Yes	
Note:	Disable I/O function due to camera FW.										
<b>HDZ20HDX</b>	H20120808N SA	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
<b>HDZ20HDE X</b>	Refer to HDZ20HDX(H 20120808NS	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
<b>HDZ20HD</b>	Refer to HDZ20HDX(H 20120809NS	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design

## Honeywell



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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	Multi Stream Support	Remarks
<b>HDZ20HDE</b>	Refer to HDZ20HDX(H20120810NSA)	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design

Note: Parameter setting will fail when Mjpeg quality bigger than 60

Note: HD3MDIP, HD4MDIP: Not support I/O currently.  
 All models: Users may be confused because the username on login page of camera web is "administrator", but it's "admin" actually. If you type in "administrator", you are no longer to connect the cameras.



## i-Mege



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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	Multi Stream Support	Remarks
<b>B3210E</b>	V1.02.05.04	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>G1102E</b>	v1.43	MJPEG MPEG4 H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. No Support On-Edge Motion when video format is MJPEG. 2. Camera connection does not stable.										
<b>G2212E</b>	V1.04.01.02	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>G2213E</b>	V1.04.01.02	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>G2214H</b>	V1.04.01.02	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>G3211E</b>	V1.02.05.04	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>N3211E</b>	V1.02.05.04	MJPEG MPEG4 H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>V2211E</b>	V1.04.01.02	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	

## IP Power



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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	ONVIF Search	Multi Stream Support	Remarks
Generic		H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
Note:	1.Focus function is not test on software. 2.The maximum resolution is depends on camera. 3.Some framerate and bitrate can't be set due to Onvif restriction.											
NCOA22F	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
NCOA32FD	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
NCOA52F	v1.8.1001. 85.0.8317	H.264 MJPEG	1	2592x1944	1-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) 4. Can't autodetect and search. (Camera firmware limitation)											
NDOA22F-W	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
NDOA32FD-W	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
NIAA202F	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
NIDA212F-W	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
NIDA312FD-W	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
NIDA512F-W	refer to NCOA52F(v 1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design

## IP Power



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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	ONVIF Search	Multi Stream Support	Remarks
<b>NIPA2H22-C</b>	refer to NCOA52F(v1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
<b>NIPA2H22-W</b>	refer to NCOA52F(v1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
<b>NIRA222F</b>	refer to NCOA52F(v1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
<b>NIRA232F</b>	refer to NCOA52F(v1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
<b>NIRA332FD</b>	refer to NCOA52F(v1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
<b>NITA212F</b>	refer to NCOA52F(v1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design
<b>NITA312FD</b>	refer to NCOA52F(v1.8.1001.8 5.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes	Supported by design

## InscapeData



- : not available 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	Multi Stream Support	Remarks
NVC3033H-DN	1.1.8	H264 MJPEG	1	720x480	-	-	-	-	-	Yes	
NVC360H-DN-IR	1.1.8	H264 MJPEG	1	720x480	1-way	1/1	-	Yes	-	Yes	

## IQinVision



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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	Multi Stream Support	Remarks
<b>IQ040S</b>		M-JPEG	1	720x480	-	-	-	Yes	-	-	Supported by design
<b>IQ041S</b>		M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Supported by design
<b>IQ042S</b>	V3.1/6	M-JPEG	1	1600x1200	-	-	-	Yes	-	-	
<b>IQ540S</b>		M-JPEG	1	720x480	-	-	-	Yes	-	-	Supported by design
<b>IQ541S</b>		M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Supported by design
<b>IQ542S</b>	V3.1/6	M-JPEG	1	1600x1200	-	-	-	Yes	-	-	
<b>IQA15N</b>	V3.0/8(100702)	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
<b>IQA25S</b>	V2.9/6	M-JPEG	1	1280x1024	-	1/1	-	-	-	-	
<b>IQD30S</b>	V3.1/6	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	-	-	
<b>IQD31S</b>	V3.1/6	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	-	
<b>IQD32S</b>	V3.3/5(120215)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	Test by link
Note:	IQD3xS Series are not support audio in M-JPEG										
<b>IQD40S</b>		M-JPEG	1	720x480	-	-	-	Yes	-	-	Supported by design
<b>IQD41S</b>		M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Supported by design
<b>IQD42S</b>	V3.1/6	M-JPEG	1	1600x1200	-	-	-	Yes	-	-	
<b>IQeye301</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye301m</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye301w</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design

## IQinVision



- : 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	UPnP	Multi Stream Support	Remarks
IQeye302		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye302w		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye303		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye303w		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye501		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	
IQeye510	B2.8/608	M-JPEG	1	752x480	-	-	-	Yes	-	-	
IQeye511	V2.8/6	M-JPEG	1	1280x1024	-	-	-	Yes	-	-	
IQeye601		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye602		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye603		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye701	V2.8/6	M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	
IQeye702	V2.8/6	M-JPEG	1	1600x1200	-	1/1	-	Yes	-	-	
IQeye703	V2.8/6	M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	
IQeye705	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
IQeye751		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye752	V2.8/6	M-JPEG	1	1600x1200	-	1/1	-	Yes	-	-	
IQeye753		M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Supported by design
IQeye755	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	

## IQinVision



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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	Multi Stream Support	Remarks
<b>IQeye855</b>	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
<b>IQeye863N</b>	V3.3/5(120130)	H.264 M-JPEG	1	3MP	1-way	1/1	-	Yes	-	Yes	Test by link
<b>IQeye865N</b>	V3.3/5(120130)	H.264 M-JPEG	1	5MP	1-way	1/1	-	Yes	-	Yes	Test by link
<b>IQM30N</b>	V3.3/4(120130)	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	Test by link
<b>IQM31N</b>	V3.3/5(120215)	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	Test by link
<b>IQM32N</b>	V3.3/5(120215)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	Test by link
Note:	IQM3xN series not support audio in M-JPEG										

## Jetstor



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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	Multi Stream Support	Remarks
JS-C1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-C2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-WGP-100-CB		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-B0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-B0100-W		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-B0131		M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-BB1100-R30		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-B1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JB-B1204-R25		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
JS-D0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-D1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-D1130		M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-D1204		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
JS- ISD0200x1 8		H.264 M-JPEG MPEG4	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
JS- OSD0200x2 0		H.264 M-JPEG MPEG4	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design



## JVC



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>VN-H37</b>	refer VN-H137	H.264	1	1920x1080	-	-	-	Yes	-	Yes	
<b>VN-H237</b>	refer VN-H137	H.264	1	1920x1080	-	-	-	Yes	-	Yes	
<b>VN-H137</b>	4.02.378	H.264	1	1920x1080	-	-	-	Yes	-	Yes	
Note:	1. H264 support Baseline Profile only 2. When 30fps or 25fps is set, 3DDNR, motion detection and analog video output are not available. 3. Encoder settings can not be changed during multicast. 4. Firmware Issue: H264 video stream is unstable over low framerate.										
<b>VN-H157</b>	refer VN-H57	H.264	1	1920x1080	1-way	2/2	-	Yes	-	Yes	
<b>VN-H257</b>	refer VN-H57	H.264	1	1920x1080	1-way	2/2	-	Yes	-	Yes	
<b>VN-H57</b>	4.00.575	H.264	1	1920x1080	1-way	2/2	-	Yes	-	Yes	
Note:	1. H264 support Baseline Profile only 2. When 30fps or 25fps is set, 3DDNR, motion detection and analog video output are not available. 3. Encoder settings can not be changed during multicast. 4. Firmware Issue: MJPEG video stream is unstable over high resolutions.										
<b>VN-H657</b>	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.										
<b>VN-T16</b>	j.2.2.2232	H264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	Yes	-	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.										
<b>VN-T216</b>	refer VN-T16 (j.2.2.2232)	H264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	Yes	-	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.										

## JVC



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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	Multi Stream Support	Remarks
<b>VN-V686</b>	refer VN-V685	MPEG4	1	VGA	-	2/2	Yes	Yes	-	Yes	
<b>VN-V685</b>	3.04	MPEG4	1	VGA	-	2/2	Yes	Yes	-	Yes	
Note:	Motion Detection is available at Home Position.										

## LevelOne



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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	Multi Stream Support	Remarks
FCS-0010		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Supported by design
FCS-0020		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Supported by design
FCS-0030	Refer to WCS-0030	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	Supported by design
FCS-0031	1.0.0.35	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	
Note:	Not support on-edge motion with MJPEG format, which is camera limitation.										
FCS-0040	Refer to WCS-0040	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	-	Supported by design
Note:	Not support on-edge motion currently due to camera issue.										
WCS-0050	v1.0.0.36	MPEG4 MJPEG H264	1	1280x800	1-way	-	-	Yes	Yes	Yes	
FCS-1030V2.0		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
FCS-1040	0102a	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	-	
FCS-1060	0202a	MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	
FCS-1070		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
FCS-1081		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	Supported by design
FCS-1081A		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	
FCS-1091		MPEG4 M-JPEG	1	640x480	1-way	2/2	-	-	Yes	-	Supported by design
FCS-1101		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	Supported by design
FCS-1131	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
FCS-1132	v1.0.0.2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. Motion Detection of MPEG4 is error.										

## LevelOne



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>FCS-1141</b>	L20100623N S	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	-	
Note:	UPnP search doesn't work properly sometimes, which happens on camera's own search tool. We are clarifying with vendor.										
<b>FCS-1151</b>	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	-	
Note:	UPnP search doesn't work properly sometimes, which happens on camera's own search tool. We are clarifying with vendor.										
<b>FCS-3000</b>	0101a	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	
<b>FCS-3021</b>		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>FCS-3031</b>	V1.0.04	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	-	Yes	-	
Note:	The frame rate is 15 even configuring frame rate 1 under 320x240 and 160x120 resolution, which belongs to camera issue. Not support on-edge motion currently due to camera issue.										
<b>FCS-3052</b>	v1.0.0.2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. Motion Detection of MPEG4 is error.										
<b>FCS-3061</b>	1.0.0.34	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	
<b>FCS-3062</b>	v1.0.0.6	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>FCS-3071</b>	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	
<b>FCS-3071-V2</b>	le20120905N SA	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
<b>FCS-3081</b>	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
<b>FCS-3091</b>	2.0.0629	MPEG4 M-JPEG	1	1600x1200	1-way	4/1	-	-	Yes	-	
Note:	Not support on-edge motion & dual stream in this camera FW due to its limitation.										
<b>FCS-3101</b>	FCS-3101- ANC3211M- 1.0.1.3-08-	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>FCS-4010</b>		MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	Supported by design

## LevelOne



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>FCS-4041</b>	le20130117N SA	M-JPEG H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
Note:	LevelOne FCS-4041: High video parameter causes slow CGI command response.										
<b>FCS-4042</b>	Le20140113 NSA	M-JPEG H.264	1	1920x1080	1-way	4/2	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										
<b>FCS-4101</b>	FCS-4101-ANC3210M-1.0.1.3-08-	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
<b>FCS-4x00</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
<b>FCS-5011</b>	0100c	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes	
<b>FCS-5030</b>	0100a2	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
Note:	No audio support in M-JPEG.										
<b>FCS-5041</b>	1.0.0.46	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	
<b>FCS-5042</b>	2.0.0.1	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes	
<b>FCS-5051</b>	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
<b>FCS-5052</b>	v1.0.0.2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Motion Detection of MPEG4 is error.										
<b>FCS-5061</b>	le20130117N SA	H264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
<b>FCS-5062</b>	v1.0.0.2	H.264 MPEG4	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Motion Detection of MPEG4 is error.										
<b>FCS-6010</b>	1.0.0.11	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	Yes	Yes	Yes	-	
Note:	Not support DO in this camera FW. Cannot get video stream through TCP/UDP sometimes, which belongs to camera issue. Camera may reboot itself when changing video format to MPEG4, which belongs to camera issue.										

## LevelOne



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>FCS-7011</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	-	Supported by design
<b>WCS-0010</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Supported by design
<b>WCS-0020</b>		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	Supported by design
<b>WCS-0030</b>	1.0.0.35	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	
<b>WCS-0040</b>	1.0.0.3	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	-	
Note:	Not support on-edge motion currently due to camera issue.										
<b>WCS-1090</b>		MPEG4 M-JPEG	1	640x480	1-way	2/2	-	-	Yes	-	Supported by design
<b>WCS-2030V3.0</b>		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
<b>WCS-2040</b>	0101b	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
<b>WCS-2060</b>		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
<b>WCS-2070</b>	0100b	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	
<b>WCS-6020</b>	1.1.4.1	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>WCS-6050</b>	1.0.4.2	MJPEG H.264	1	2560x1920	1-way	1/1	Yes	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	Multi Stream Support	Remarks
LDW2010	260.0.0.1208100	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	
LNB3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LNB5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LND3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LND5100	1796.0.0.1208060	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
Note:	TCP connection has chance disconnect automatically										
LND7300	1801.0.0.1303220	H.264 MJPEG	1	2048x1536	*2	*2	-	Yes	-	Yes	
LNP2800	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP2800I	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP2810T	1890.0.0.1302150	H.264 MJPEG	1	1280x720	*2	*2	Yes	Yes	-	Yes	
LNP3020	1891.0.0.1310250	H.264 MJPEG	1	1920x1080	1-way	*2	Yes	Yes	*2	Yes	
Note:	Snapshot function doesn't work										
LNP3700	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP3700T	1286.0.0.1205140	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
Note:	TCP connection has chance disconnect automatically										
LNU5100R	1954.0.0.1303120	H.264 MJPEG	1	1280x1024	*2	*2	-	Yes	-	Yes	
LNV5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LNV5100R	1972.0.0.1303110	H.264 MJPEG	1	1280x1024	*2	*2	-	Yes	-	Yes	
LNV7210R	2237.0.0.1405190	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
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	-	Yes	
LSW2010	Refer to LDW2010	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LSW900	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LSW901	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LVS201	385.0.0.1208200	H.264 MJPEG	1	704x576	-	-	Yes	Yes	-	Yes	
LVS301	Refer to LVS311	H.264 MJPEG	1	704x576	1-way	1/1	Yes	Yes	-	Yes	Supported by design
LVS311	129.1.0.1110260	H.264 MJPEG	1	704x576	1-way	1/1	Yes	Yes	-	Yes	
LVW700	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LVW701	4.1.1.1110260	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	
LVW900	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LVW901	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LNV5110	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW130W	4097.0.0.1203131	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes	
Note:	TCP connection has chance disconnect automatically										
LW332	1026.0.0.1110260	H.264 MJPEG	1	1280x1024	1-way	1/1	-	YES	-	Yes	
LW335 <input type="checkbox"/>	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW342	Refer to LW345	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	



## LG



- : 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	UPnP	Multi Stream Support	Remarks
LW345	515.0.0.1110 260	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
Note:	1. TCP connection has chance disconnect automatically 2. Can't support dual-stream at H264,1920x1080 (or above), over 20fps										
LW352	1030.0.0.111 1160	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	
LW355	Refer to LW352	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
LW6324	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW6354	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW6424	Refer to LW345	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	
LW6454	Refer to LW345	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	
LW9226	774.0.0.1211 289	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LW9226I	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
LW9228	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
LW9228I	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
LW9422	1632.0.0.120 5030	H.264 MJPEG	1	1920x1080	1-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										

## Lilin



- : 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	UPnP	Multi Stream Support	Remarks
IPD2220ES	1.0.489	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
IPG1022ES X	1.0.489	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPG1022ES	1.0.489	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPR320ESX	1.0.489	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
IPR434ESX	1.0.488	H.264 MJPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
IPR7424ES X	1.0.489	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Video parameter does not synchronize to ONVIF option IPR434ESX does not support dualstream on 2048x1536										

## Linksys



- : not available 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	Multi Stream Support	Remarks
<b>PVC2300</b>	V1.1.0(xVC2300_FW_V1.1.0R05)	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	-	Yes	-	
<b>WVC210</b>		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	
<b>WVC2300</b>	V1.1.0(xVC2300_FW_V1.1.0R05)	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	-	Yes	-	
Note:	PTZ is only supported by external RS-485 device.										

## Lumenera



- : 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	UPnP	Multi Stream Support	Remarks
le045c		M-JPEG	1	720x480	-	-	-	-	-	-	Supported by design
le045c-dn		M-JPEG	1	720x480	-	-	-	-	-	-	Supported by design
le075c		M-JPEG	1	640x480	-	-	-	-	-	-	Supported by design
le075c-dn		M-JPEG	1	640x480	-	-	-	-	-	-	Supported by design
le11059c		M-JPEG	1	4000x2656	-	-	-	-	-	-	Supported by design
le165c		M-JPEG	1	1376x1032	-	-	-	-	-	-	Supported by design
le165c-dn		M-JPEG	1	1376x1032	-	-	-	-	-	-	Supported by design
le175c		M-JPEG	1	1280x1024	-	-	-	-	-	-	Supported by design
le175c-dn		M-JPEG	1	1280x1024	-	-	-	-	-	-	Supported by design
le259c		M-JPEG	1	1920x1080	-	-	-	-	-	-	Supported by design
le275c		M-JPEG	1	1600x1200	-	-	-	-	-	-	
le275c-dn		M-JPEG	1	1600x1200	-	-	-	-	-	-	Supported by design
le375c		M-JPEG	1	2048x1536	-	-	-	-	-	-	Supported by design
le375c-dn		M-JPEG	1	2048x1536	-	-	-	-	-	-	Supported by design
li165c	5626	M-JPEG	1	1376x1032	-	-	-	-	-	-	

## MegaIP



- : not available 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	Multi Stream Support	Remarks
<b>NCD-2003PR</b>	51110.2.12 62.100	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										
<b>NMX-2003P</b>	51110.2.12 62.100	H.264 M-JPEG	1	1920x1080	-	-	Yes	Yes	Yes	Yes	
Note: (MegaIP camera)	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.										

## Messoa



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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	Multi Stream Support	Remarks
<b>NCB855PRO</b>	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										
<b>NCC800</b>	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										
<b>NCB858</b>	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
<b>NCR870</b>	AP_01-00-62-18_MS00-01N	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	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 receiving framerate is only 15.										
<b>NCR875PRO</b>	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										
<b>NCR878</b>	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.Auto detection can't be use.										
<b>NDF820</b>	Refer to NCR870(AP_01-00-62-18_MS00-01N)	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design

## Messoa



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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	Multi Stream Support	Remarks
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 receiving framerate is only 15.										
<b>NDF821</b>	Refer to NDR891(AP_01-00-60-	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NDF821PRO</b>	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
<b>NDF831</b>	Refer to NDR891(AP_01-00-60-	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>NDF831PRO</b>	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
<b>NDR891</b>	AP_01-00-60-25A_MS02	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										
<b>NDR891PRO</b>	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
<b>NIC950HPRO</b>	A1D-310-V4.12.09-NB	MPEG4 M-JPEG H.264	1	720x480	1-way*2	-	Yes	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										
<b>NIC990</b>	M.0.2.9	H.264	1	1920x1080	1-way	6/1	Yes	Yes	Yes	Yes	
Note	1.Can't set framerate 2.Only support H.264 3.Not support dual stream on 1080P										

## Milesight



- : not available 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	Multi Stream Support	Remarks
MS-C2351	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2361	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2362	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2372	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2451	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2471	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2651	11.4.0.33	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	
Note	1.RateControl can't be use. 2.Motion and DI can't be trigger in the same time. 3.Send cgi commend will without response. 4.Not support UPnP.										
MS-C2661	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2662	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2671	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2672	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2681	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2682	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C2951	Refer to MS-C2651(11.4.0.33)	H.264	1	1280x960	1-way	1/0	Yes	Yes	-	Yes	Supported by design
MS-C3351	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design



<b>MS-C3356</b>	Refer to MS-C3656(21.4.0.33)	H.264	1	2048x1536	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3361</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3362</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3366</b>	Refer to MS-C3656(21.4.0.33)	H.264	1	2048x1536	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3372</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3376</b>	Refer to MS-C3656(21.4.0.33)	H.264	1	2048x1536	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3651</b>	21.4.0.33	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	
Note	1.RateControl can't be use. 2.DI can't trigger. 3.Send cgi commend will without response. 4. Not support UPnP.										
<b>MS-C3656</b>	21.4.0.33	H.264	1	2048x1536	1-way	1/0	Yes	Yes	-	Yes	
Note	1.RateControl can't be use. 2.Motion and DI can't be trigger in the same time. 3.Send cgi commend will without response. 4.Not support UPnP.										
<b>MS-C3658</b>	21.4.0.33	H.264	1	2560x1920	1-way	1/0	Yes	Yes	-	Yes	
Note	1.RateControl can't be use. 2.Motion and DI can't be trigger in the same time. 3.Send cgi commend will without response. 4.Not support UPnP. 5.The frame rate value is wrong when resolution change from 2560x1920.										
<b>MS-C3661</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3662</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3666</b>	Refer to MS-C3656(21.4.0.33)	H.264	1	2048x1536	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3671</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design

# Titan NVR Supported Camera List



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<b>MS-C3672</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3673</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3676</b>	Refer to MS-C3656(21.4.0.33)	H.264	1	2048x1536	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3678</b>	Refer to MS-C3658(21.4.0.33)	H.264	1	2560x1920	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3681</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>MS-C3682</b>	Refer to MS-C3651(21.4.0.33)	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes	Supported by design

**Mobotix**


- : 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	UPnP	Multi Stream Support	Remarks
D12D-IT		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D12D-Sec		M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design
D14D-Sec	MX-V4.1.0.2	M-JPEG	1	2048x1536	1-way	-	-	-	-	Yes	
D15D-Sec	Refer to D15D-Sec-Dnight(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
D15D-Sec-Dnight	MX-V4.1.9.29	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	
D15D-Sec-Night-Pano	Refer to D15D-Sec-Dnight(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
D15D-Sec-Pano	Refer to D15D-Sec-Dnight(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
D22M-Basic		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D22M-IT	MX-V3.4.0.9	M-JPEG	1	640x480	-	2/2	-	Yes	-	Yes	Supported by design
D22M-Sec		M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design
D24-Basic		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D24-IT		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D24-Sec	MX-V4.0.1.15 (2009-07-20)	M-JPEG	1	2048x1536	-	2/2	-	Yes	-	Yes	
Generic	MX-V4.1.9.29	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	
M10D	M10-V2.2.2.17	M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	
M12D-IT		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
M12D-Sec	MX-V3.4.0.9	M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	

## Mobotix



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 Yes: multi stream fix to 500kbps/100kbps  
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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>M12D-Web</b>		M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design
<b>M15D-Sec</b>	MX-V4.1.9.29	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	
<b>M15D-Sec-Dnight</b>	Refer to M15D-Sec(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
<b>M15M-Sec</b>	Refer to M15D-Sec(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
<b>M22M-IT</b>		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
<b>M22M-Sec</b>		M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design
<b>M24M-Sec</b>	MX-V4.0.4.28	M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	
Note:	1.Audio only support on MxPEG. 2.Motion event works abnormal until first time trigger. 3.Resolution of dual-stream can't bigger then main-stream										
<b>Q22M-Basic</b>		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
<b>Q22M-Sec</b>	MX-V3.4.5.10	M-JPEG	1	2048x1536	-	2/2	-	Yes	-	Yes	Supported by design
Note:	Q22M-Basic and Q22M-Sec are fisheye camera										
<b>Q24-Basic</b>		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
<b>Q24-Sec</b>	MX-V4.0.1.7	M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	
Note:	Q24M-Basic and Q24M-Sec are fisheye camera										
<b>Q25M-Secure</b>	MX-V4.1.10.35	M-JPEG	1	2048X1536	1-way	2/2	Yes	Yes	-	Yes	
Note:	When display mode is panorama, move will become vague.										
<b>S14D-Sec</b>	Refer to S15D-Sec(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
<b>S14D-Sec-Night</b>	Refer to S15D-Sec(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design

## Mobotix



- : 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	UPnP	Multi Stream Support	Remarks
<b>S14M-Sec</b>	Refer to S15D-Sec(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
<b>S15D-Sec</b>	MX-V4.1.9.29	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	
<b>S15M-Sec</b>	Refer to S15D-Sec(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
<b>S15M-Sec-Night</b>	Refer to S15D-Sec(MX-V4.1.9.29)	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
Note:	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 resolution 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)										
<b>T24-Sec</b>	MX-V4.0.4.19	M-JPEG	1	2048x1536	-	7/3	-	Yes	-	Yes	
<b>T25M-Secure</b>	MX-V4.1.10.35	M-JPEG	1	2048x1536	1-way	2/2	Yes	Yes	-	Yes	
Note:	When display mode is panorama, move will become vague.										
Note:	For All Model: 1. For display mode, please set on the Mobotix web setting page first. 2. No Support Audio from Camera when video format is MJPEG. 3. Using ExtIO, please set on the Mobotix web setting page first.										

## NetworkCamera

- : 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

### Network Camera

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
3MP_BOX		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes	Supported by design
3MP_FD		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes	Supported by design
3MP_IR		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
3MP_VD		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes	Supported by design
C3000	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	*1	Yes	
C3000-W	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	*1	Yes	
Note:	1. C3000, C3000-W Not support UPnP by camera FW issue.										
GE-100-CB	v1.0.0.15	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
GP-100-CB	v1.0.0.13	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
WGE-100-CB	v1.0.0.13	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
WGP-100-CB	v1.0.0.16	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
Note:	On-edge motion is only workable when stream 1 is MPEG4 with the bitrate under 1.5Mbps or quality under 3. We don't promise the performance of MD if the configuration isn't within the limitation.										

## NTIC



- : 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	UPnP	Multi Stream Support	Remarks
HVS-D1-V3	1.00.09.5066	H.264 M-JPEG	1	720x576	1-way	1	1	1	Yes	Yes	
Note:	support video only										

**Neovista**


- : 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	UPnP	Multi Stream Support	Remarks
<b>NV-BT3RP-3105-30</b>		MPEG4 M-JPEG H.264	1	2048x1536	1-Way	1/1	-	Yes	Yes	Yes	Supported by design
<b>NV-CB1-36</b>		MPEG4 M-JPEG H.264	1	1280x800	1-Way	-	-	Yes	Yes	Yes	Supported by design
<b>NV-CB1R-36-6</b>		MPEG4 M-JPEG H.264	1	1280x800	1-Way	-	-	-	-	Yes	Supported by design
<b>NV-CB1RW-36-6</b>		MPEG4 M-JPEG H.264	1	1280x800	1-Way	-	-	-	-	Yes	Supported by design
<b>NV-CB3PL-28</b>		MPEG4 M-JPEG H.264	1	2048x1536	1-Way	1/1	-	Yes	1*	Yes	Supported by design
<b>NV-CB3WL-28</b>		MPEG4 M-JPEG H.264	1	2048x1536	1-Way	1/1	-	Yes	1*	Yes	Supported by design
<b>NV-DM1P-28</b>		MPEG4 M-JPEG H.264	1	1280x800	1-Way	-	-	-	-	Yes	Supported by design
<b>NV-DP1RP-3312-15</b>		MPEG4 M-JPEG H.264	1	1280x800	1-Way	1/1	-	-	-	Yes	Supported by design
<b>NV-PT13RP-4-15</b>		MPEG4 M-JPEG H.264	1	1280x1024	1-Way	1/0	Yes	Yes	-	Yes	Supported by design



### On Electronics




- : 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	UPnP	Multi Stream Support	Remarks
CFB-13MP		H264 MJPEG MPEG4	1	1280x1024	1-way*2	1/1	-	*2	*2	Yes	Supported by design
CFB-20MP		H264 MJPEG MPEG4	1	1920x1080	1-way*2	1/1	-	*2	*2	Yes	Supported by design
CFB-30MP		H264 MJPEG MPEG4	1	2048x1536	1-way*2	1/1	-	*2	*2	Yes	Supported by design
CFV-13MP/LIR35		H264 MJPEG MPEG4	1	1280x1024	1-way*2	1/1	-	*2	*2	Yes	Supported by design
MDV-13MP/LIR20		H264 MJPEG MPEG4	1	1280x1024	1-way*2	1/1	-	*2	*2	Yes	Supported by design
MDV-20MP-AV		H264 MJPEG MPEG4	1	1920x1080	1-way*2	1/1	-	*2	*2	Yes	Supported by design
MDV-30MP		H264 MJPEG MPEG4	1	2048x1536	1-way*2	1/1	-	*2	*2	Yes	Supported by design

ONVIF													
		- : 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											
		Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support
<b>BOSCH</b>	<b>NWC-0455</b>	19500410	H.264 M-JPEG	1	704x576	-	-	-	-	-	-	-	
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 product has been verified by NUUO.												
<b>Canon</b>	<b>VB-H41</b>	Ver. 1.0.0 (Build Number 2483:50)	M-JPEG	1	1920x1080	1-way	2/2	Yes	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. Snapshot does not support. (NUUO server limitation)												
<b>Canon</b>	<b>VB-H710F</b>	Ver. 1.2.0 (Build Number 3015:109)	M-JPEG	1	1920x1080	1-way	2/2	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. 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)												
<b>Canon</b>	<b>VB-S30D</b>	Ver. 1.0.0 (Build Number 2826:36)	M-JPEG	1	1920x1080	1-way	1/1	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)												
<b>Canon</b>	<b>VB-S800D</b>	Ver. 1.0.0 (Build Number: 2826:36)	M-JPEG	1	1920x1080	1-way	1/1	-	-	-	Yes		
<b>Dlink</b>	<b>DCS-C43W-20F/B02</b>	V4.02.R11. 00000523.1 2010	H.264	1	1280x720	-	-	-	Yes	-	Yes		
<b>Histream</b>	<b>HH9803C-L16</b>	v2.3.1.4.0. 22	M-JPEG H.264 MPEG4	1	704x480	-	-	Yes	-	-	Yes		
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. 2. MPEG-4 cannot use due to camera firmware issue. 3.The value of MJPEG quality isn't synchronized with camera's web												

## ONVIF



- : 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

Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
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	
LILIN	LD2222	1.1.16	H.264 MJPEG	1	1920x1080	1-way	*2	-	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	IPD2322E SX	1.0.60	H.264 MJPEG	1	1920x1080	1-way	1/1	-	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)											
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	1-way	-	-	-	-	Yes	
TVT	TD9422M	3.4.0Beta6	H.264	1	1920x1080	1-way	-	-	-	-	Yes	
Tyco	ADVEIPSD 37AH	V1.04_STD-1	H.264	1	704x480	1-way	1/1	Yes	Yes	-	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 - C7HA1080 IL-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.											

## Panasonic



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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	Multi Stream Support	Remarks
BB-HCE481		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM100	1.3	M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	
BB-HCM110	1.3	M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM311		M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
BB-HCM331	1.3	M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM371		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM381	1.3	M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	
BB-HCM403		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM511	1.3	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM515	3.11R01	MPEG4 M-JPEG	1	1280x1024	1-way	2/1	-	Yes	Yes	Yes	
Note:	No audio support in M-JPEG @ 1280x1024.										
BB-HCM527		MPEG4 M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM531	3.51R00	MPEG4 M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	
BB-HCM547	3.60R00	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
Note:	The camera is tested by link, so some functions can't be verified.										
BB-HCM580		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM581	1.3	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM701	4.30R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes	
BB-HCM705	4.11R01	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/0	-	Yes	Yes	Yes	

## Panasonic



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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	Multi Stream Support	Remarks
<b>BB-HCM715</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
<b>BB-HCM735</b>	1.05-03 (100303-02)	H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	
<b>BB-HCS301</b>		M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>BB-ST162</b>	refer to WV-ST162(FW 1 Application: 1.81 2 Image data: 1.04)	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Supported by design
<b>BB-SW172</b>	refer to WV-ST162(FW 1 Application: 1.81 2 Image data: 1.04)	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Supported by design
<b>BL-C1</b>		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>BL-C10</b>		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Yes	Supported by design
<b>BL-C101</b>	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes	
<b>BL-C111</b>	3.10R01	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
<b>BL-C121</b>	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>BL-C131</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>BL-C140</b>	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
<b>BL-C160</b>	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
<b>BL-C20</b>		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>BL-C210</b>	4.31R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	

## Panasonic



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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	Multi Stream Support	Remarks
BL-C230		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	Supported by design
BL-C30		M-JPEG	1	640x480	-	-	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	1-way	-	Yes	Yes	-	Yes	
BL-VT164W	refer BL- VT164(FW Application: 1.81)	H264 MJPEG	1	1280x720	1-way	-	Yes	Yes	-	Yes	Supported by design
KX-HCM110		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
KX-HCM280A		M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
DG-NF282		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	Supported by design
DG-NF302	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	-	Supported by design
DG-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	Supported by design
DG-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
DG-NP304	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
DG-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
DG-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design

## Panasonic



- : 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	UPnP	Multi Stream Support	Remarks
DG-NS954	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NW960	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NW964	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-SC385	Refer to WV-SC385 1 Application: 1.66 2 Driver: 1.39 3 Image data: 1.09	M-JPEG MPEG4 H.264	1	1280x960	*2	*2	Yes	Yes	-	Yes	Supported by design
DG-SF132	Refer to WV-SP102(FW 1 Application: 1.81 2 Image data: 1.03)	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
DG-SF334	1.03 1.05	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
Note:	Disable H.264 and MPEG4 will get MJPEG stream playing more smoothly.										
DG-SP102	Refer to WV-SP102(FW 1 Application: 1.81 2 Image data: 1.03)	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
DG-SW155	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
WJ-GXE500	1.03	H.264 MPEG4 M-JPEG	4	720x480	1-way	-	-	Yes	-	Yes	
Note:	Motion detection works abnormally when "face detection" function is enabled. Not support PTZ currently.										
WJ-NT304	1.04	M-JPEG	4	640x480	-	-	Yes	-	-	Yes	
WJ-NT314		M-JPEG	4	640x480	1-way	-	Yes	-	-	Yes	Supported by design
WV-NF284		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design

## Panasonic



- : 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	UPnP	Multi Stream Support	Remarks
WV-NF302	1.40E4_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-NM100		MPEG4 M-JPEG	1	640x480	-	-	Yes	-	-	Yes	Supported by design
WV-NP1000		M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
WV-NP1004	1.21	M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
WV-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
WV-NP304	1.50E5_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-NP472		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
WV-NP502	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
WV-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS324		M-JPEG	1	640x480	-	-	Yes	Yes	-	Yes	Supported by design
WV-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS954	1.06E0	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
Note:	Audio is abnormal in MPEG4 format.										
WV-SC384	1.46	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
WV-SC385	1 Application: 1.66 2 Driver: 1.39 3 Image data: 1.09	H.264 MPEG4 M-JPEG	1	1280x960	*2	*2	Yes	Yes	-	Yes	



## Panasonic



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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	Multi Stream Support	Remarks
<b>WV-SC386</b>	1 Application: 1.44 2 Driver: 1.12 3 Image data: 1.05	M-JPEG MPEG4 H.264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	
<b>WV-SF132</b>	Refer to WV-SP102(FW 1 Application: 1.81 2 Image data: 1.03)	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
<b>WV-SF135</b>	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
<b>WV-SF332</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~1/0~1	Yes	Yes	-	Yes	Supported by design
<b>WV-SF335</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~1/0~1	Yes	Yes	-	Yes	Supported by design
Note:	WV-SF355 include WV-SF335E										
<b>WV-SF336</b>	1.05	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	
Note:	Motion detection works abnormally when "face detection" function is enabled.										
<b>WV-SF342</b>	Refer to WV-SF332	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-SF346</b>	Refer to WV-SF336	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-SF438</b>	1 Application: 1.04 2 Image data:	H264 MJPEG	1	2048x1536	1-way	3/1	-	Yes	-	Yes	
Note:	Fisheye camera										
<b>WV-SP102</b>	1 Application: 1.81 2 Image data:	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Tested by link
<b>WV-SP105</b>	1 Application: 1.61 2 Image data: 2.01	H.264 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	
<b>WV-SP302</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-SP305</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design

## Panasonic



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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	Multi Stream Support	Remarks
<b>WV-SP306</b>	1.04	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	
Note:	Motion detection works abnormally when "face detection" function is enabled.										
<b>WV-SP508</b>	1Application: 1.05 2 Image data: 2.05	MJPEG H264	1	2048x1536	-	0~1/0~1	-	Yes	-	Yes	Tested by link
<b>WV-SP509</b>	1Application: 1.07 2 Image data: 2.11	MJPEG H264	1	2048x1536	1-way	0~3/0~1	-	Yes	-	Yes	
<b>WV-ST162</b>	1 Application: 1.81 2 Image data: 1.04	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Tested by link
<b>WV-ST165</b>	1Application: 1.44 2 Image data: 1.03	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Tested by link
Note	Enable "VMD addition information" on camera web and reboot to obtain Morion Detection Info										
<b>WV-SW152</b>	Refer to WV-SW155	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
<b>WV-SW155</b>	1.03	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
<b>WV-SW172</b>	refer to WV- ST162(FW1 Application: 1.81 2 Image data: 1.04)	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Supported by design
<b>WV-SW174W</b>	1.81	MJPEG H264	1	1280x960	1-way	3/1	Yes	Yes	Yes	Yes	
Note:	WV-SW174W Camera constraint: MJPEG framerate is affected by h264 stream. If h264 stream(1 or 2) open, MJPEG support 5 fps the most.										
<b>WV-SW175</b>	Refer to ST165	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
<b>WV-SW314</b>	Refer to SW316/L	MJPEG H264	1	1280x960	-	-	-	Yes	-	Yes	Supported by design
<b>WV-SW316/L</b>	1Application: 1.46 2 Image data: 1.04	MJPEG H264	1	1280x960	1-way	0~1/0~1	-	Yes	-	Yes	Tested by link
Note:	WV-SW316/L include WV-SW316										

## Panasonic



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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	Multi Stream Support	Remarks
<b>WV-SW352</b>	Refer to WV-SW352	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
<b>WV-SW355</b>	1.41	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~1/0~1	-	Yes	-	Yes	
<b>WV-SW395</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-SW396</b>	1.44	M-JPEG MPEG4 H.264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	
Note: WV-SW396 support continuous PTZ											
<b>WV-SW558</b>	Refer to SP509	MJPEG H264	1	2048x1536	-	0~3/0~1	-	Yes	-	Yes	Supported by design
<b>WV-SW558</b>	Refer to SP509	MJPEG H264	1	2048x1536	1-way	0~3/0~1	-	Yes	-	Yes	Supported by design
<b>WV-NW484</b>	1.10ED	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	
<b>WV-NW502S</b>	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
<b>WV-NW960</b>	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-NW964</b>		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design

## Pelco



by Schneider Electric

- : 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	UPnP	Multi Stream Support	Remarks
<b>D5118</b>	Software Version : 1.6.13.9310-A1.4657 Hardware Version : 9310-A1.1-10345	H264 JPEG	1	1280x960	-	-	Yes	-	-	Yes	
Note:	Do not support to "clear all" preset points.										
<b>D5220</b>	1.8.3.8-20121119.9320-A1.8614	H264 JPEG	1	1920x1080	*1	*1	Yes	*1	-	Yes	
Note:	1. D5220 preset point name can't be changed, and would not sync with camera's web. 2. fps would not reach its setting when resolution or quality is high. 3. Need turn off second profile on web then parameter setting can be changed normally. 4. D5220 would cause Mainconsole unstable when changing protocol. (UDP->HTTP, HTTP->UDP)										
<b>IL10</b>	1.8.2.4.8310-03.9119	H264 JPEG	1	1280x720	-	-	-	*1	-	Yes	
Note:	1. fps would not reach its setting when resolution or quality is high.										
<b>IM10</b>	1.8.2.18-20121109-1.8272-	H264 JPEG	1	1280x960	*1	-	Yes	*1	-	Yes	
Note:	1. fps would not reach its setting when resolution or quality is high. 2. Disable second profile on web then parameter setting can be changed normally.										

## PIXORD



- : 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	UPnP	Multi Stream Support	Remarks
<b>P600</b>	2.0.3_225	H264 M-JPEG	1	1600x1200	1-way	2/1	-	-	Yes	-	
<b>P606</b>	2.0.3_225	H264 M-JPEG	1	1600x1200	1-way	-	-	-	Yes	-	
<b>PB630</b>	2.0.3_225	H264 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	
<b>PD634</b>	2.0.3_225	H264 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	
<b>PD636</b>	2.0.0_1	H.264	1	1600x1200	-	-	-	-	Yes	-	
Note:	Limited integration: camera supports video stream of H.264/1600x1200/15fps only, no other features										
<b>PL621</b>	2.0.3_225	H264 M-JPEG	1	1600x1200	1-way	1/1	-	-	Yes	-	
<b>PV6901</b>	2.0.3_225	H264 M-JPEG	1	720x480	1-way	1/1	Yes	-	Yes	-	
Note:	Focus function doesn't work properly in FW v2.5, which will be fixed in next version.										
Note:	All models: Image is broken easily when modifying camera parameter. All models: Remove motion detection function because camera FW is not ready for it. All models: Camera is easily disconnected as two M-JPEG stream existed, so dual stream function is disabled. However, the issue is remained if connecting same camera twice.										

## Planet



- : 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	UPnP	Multi Stream Support	Remarks
ICA-H652-PA-220	i20121107ANS	H.264 MJPEG	1	720*576	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	ICA-H652-PA-220 FW issue: Camera response is slow. IO triggle time will delay about 3 secs Audio has some noise.										

## Probe



- : 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
<b>PIC-H2010</b>	v1.0.4_20121029	H.264	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes	
<b>PID-H1300</b>	v1.0.1_20121005	H.264	1	1280x720	1-way	1/1	-	Yes	-	-	Yes	
<b>PIN-H1310</b>	v1.0.1_20121005	H264	1	1280x720	1-way	1/1	-	Yes	-	-	Yes	
<b>PMI-H2000</b>	v1.0.2_20120906	H264	1	1920x1080 (1080i)	1-way	2/1	Yes	Yes	-	-	Yes	
Note:	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:	Due to camera FW issue, users have to go to camera web for configuring resolution to 1080i. Currently, users might get error message on NVR side.											
Note:	PS. Current Probe FW no support Video Parameter Setting											

## QVS



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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	Multi Stream Support	Remarks
Generic	V5.1.2 build 140410	H.264 MJPEG	1	2048x1536	*2	*2	*2	*2	*2	Yes	Support by design



## RIVA



- : 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	UPnP	Multi Stream Support	Remarks
RC1100		H.264 M-JPEG MPEG4	1	D1	1-way	2/2	Yes	-	Yes	Yes	
RC1100M		H.264 M-JPEG MPEG4	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
RC1202HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
RC2100M		H.264 M-JPEG MPEG4	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
RC2102HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC302HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC3100		H.264 M-JPEG MPEG4	1	D1	1-way	2/2	Yes	-	Yes	Yes	Supported by design
RC3102HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC3203HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC3302		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC3500		H.264 M-JPEG MPEG4	1	D1	1-way	2/2	Yes	-	Yes	Yes	Supported by design
RC3500M		H.264 M-JPEG MPEG4	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
RC3502HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC3502HDI R		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC3702		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC4100		H.264 M-JPEG MPEG4	1	D1	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
RC5500		H.264 M-JPEG MPEG4	1	D1	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design

## RIVA



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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	Multi Stream Support	Remarks
RC5510		H.264 M-JPEG MPEG4	1	D1	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
RC6500		H.264 M-JPEG MPEG4	1	D1	1-way	2/2	Yes	-	Yes	Yes	Supported by design
RC6602HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RC6700		H.264 M-JPEG MPEG4	1	D1	1-way	2/2	Yes	-	Yes	Yes	Supported by design
RC6802HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RCC100HD		H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
RE1000		H.264 M-JPEG MPEG4	1	D1	1-way	2/2	Yes	-	Yes	Yes	Supported by design
RE4000		H.264 M-JPEG MPEG4	1	D1	1-way	2/1	Yes	-	Yes	Yes	Supported by design

## Rover



- : not available 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	Multi Stream Support	Remarks
RV01AD		H264 M-JPEG	1	D1	1-way	2/2	Yes	Yes	-	Yes	Supported by design
RV01AT		H264 M-JPEG	1	D1	1-way	2/2	Yes	Yes	-	Yes	Supported by design
RV04AD		H264 M-JPEG	1	D1	1-way	4/4	Yes	Yes	-	Yes	Supported by design
RV1WAD/P	V1.0.30_RO	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
RV1WAG		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
RV19BMVP	Refer to FORENIX NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
RV19BMVIR	Refer to FORENIX NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
RV79AD		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
RV7RAD		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
RV7RAG		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
RV81AD		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
RV81AG		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
RV84AM		H264 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Supported by design
RV84AV		H264 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
RV87ZA		H264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design

## Saerim



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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	Multi Stream Support	Remarks
SR-IDC4050F	XNET.M1-3.00.13.0204	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IDC4050IR	XNET.M1-3.00.13.0204	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IDC4050VF	XNET.M1-3.00.13.0204	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IDC4050VR	XNET.M1-3.00.13.0204	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IDP4030VR	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IGC2050F□	XNET.M1-3.00.13.0204	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IGP2035F□	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-ISS4032Z2 8W	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IVC5055VR	XNET.M1-3.00.13.0204	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IVP4030VR	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IXC2050IR	XNET.M1-3.00.13.0204	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-IXP3035VR	XNET.M2-3.00.13.0204	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-NDE5055MR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-NDE5055VR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-NGE2055F□	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-NVE5055MF	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-NVE5055VR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SR-NXE3055MR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design

## Saerim



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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	Multi Stream Support	Remarks
SR-NXE3055VR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design

Note:	<p>For SR-IGC2050F, SR-IDC4050F, SR-IDC4050IR, SR-IDC4050VF, SR-IDC4050VR, SR-IVC5055VR and SR-IXC2050IR:</p> <p>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.</p> <p>For SR-IGP2035F, SR-IDP4030VR, SR-ISS4032Z28W, SR-IVP4030VR, and SR-IXP3035VR:                  Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.</p> <p>For SR-NGE2055F, SR-NDE5055MF, SR-NDE5055VR, SR-NVE5055MF, SR-NVE5055VR, SR-NXE3055MR, and SR-NXE3055VR:                  1. Video connection cannot establish when the setting of bitrate is 9M or 10M.</p>
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## Samsung



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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	Camera Search Tool	Multi Stream Support	Remarks
<b>SNB-1000</b>	v1.07_110407	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	
Note:	This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.										
Note:	I/O and MD is unstable, which is a known issue reported by Samsung. They won't do any change since the camera is discontinued.										
<b>SNB-1001</b>	1.00_111226	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
<b>SNB-2000</b>		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	Supported by design
<b>SNB-3000</b>		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	Supported by design
<b>SNB-3002</b>	refer to SND-3082/F (FW 2.10_130416)	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	Yes	Yes	yes	Supported by design
<b>SNB-5000</b>	v1.33_110218	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>SNB-5000A</b>	refer to SND5080 (FW 3.10_130416)	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>SNB-5001</b>	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	
<b>SNB-5003</b>	1.12_131031	H.264 M-JPEG	1	1280x1024	*2	*2	*2	Yes	-	Yes	Test by link
<b>SNB-5004</b>	1.12_131031	H.264 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
note:	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.										
<b>SNB-6003</b>	refer to SND-6083(FW 1.00_130412)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design

## Samsung



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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	Camera Search Tool	Multi Stream Support	Remarks
<b>SNB-6004</b>	1.00_130316	H264 M-JPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design
<b>SND-6011R</b>	1.11_131011	H.264 M-JPEG	1	1920x1080	-	*2	-	Yes	-	Yes	
<b>SNB-7000</b>	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>SNB-7001</b>	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	Supported by design
<b>SNB-7002</b>	1.06_130402	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
note:	Sometimes can't get correct UI setting because camera response time too long.										
<b>SNC-B2315</b>	2.01	MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
<b>SNC-B2331</b>	v1.00_090810	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	
<b>SNC-B2335</b>	v1.10_100129	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
<b>SNC-B5368</b>	v1.00_091001	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	
<b>SNC-B5395</b>	2.10	MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
<b>SNC-B5399</b>	v1.10_091120	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
<b>SNC-C6225</b>	1.01	MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	-	
<b>SNC-C7225</b>	1.01	MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	-	Supported by design
<b>SNC-C7478</b>	v1.01_090625	MPEG4 M-JPEG	1	720x576	1-way	8/4	Yes	Yes	-	-	
<b>SNC-M300</b>	v2.11_090729	MPEG4 M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	-	
<b>SND-1010</b>	v1.07_110407	H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	-	Yes	
Note:	This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.										

## Samsung



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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	Camera Search Tool	Multi Stream Support	Remarks
Note:	I/O and MD is unstable, which is a known issue reported by Samsung. They won't do any change since the camera is discontinued.										
<b>SND-1011</b>	1.00_111226	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	Yes	Test by link
<b>SND-1080</b>	1.00_111226	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
<b>SND-3080</b>		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	Supported by design
<b>SND-3082</b>	Refer to SND-3082/F(2.10_130416)	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SND-3082/F</b>	2.10_130416	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	Yes	Yes	Yes	
<b>SND-5010</b>	1.00_120626	H.264 M-JPEG	1	1280*1024	-	0/0	-	Yes	-	Yes	
<b>SND-5011</b>	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	
<b>SND-5061</b>	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	
<b>SND-5080</b>	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
<b>SND-5083</b>	1.12_131031 refer to SNB-5003	H.264 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
<b>SND-5084</b>	1.12_131031 refer to SNB-5004	H.264 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
<b>SND-6083</b>	1.00_130412	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>SND-6084</b>	1.00_130316 refer to SNB-6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design
<b>SND-6084R</b>	1.00_130316 refer to SNB-6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design
<b>SND-7011</b>	1.00_120601	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	
Note:	Sometimes can't get correct UI setting because camera response time too long.										



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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks
<b>SND-7061</b>	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Supported by design
<b>SND-7080</b>	v1.10_110819	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
<b>SND-7082</b>	1.00_120824	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
<b>SND-7082/F</b>	refer to SNB-7002 (1.06_130402)	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	Sometimes can't get correct UI setting because camera response time too long.										
<b>SNF-7010</b>	1.00_130806	H264 MJPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
Note:	Fisheye camera										
<b>SNO-1080R</b>	1.00_120125	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	Yes	Test by link
<b>SNO-5080R</b>	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
<b>SNO-6011R</b>	refer to SND-6011R(1.11_131011)	H.264 M-JPEG	1	1920x1080	-	*2	-	Yes	*2	Yes	Supported by design
<b>SNO-6084</b>	refer to SND-6083(1.00_130412)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNO-6084R</b>	1.00_130316 refer to SNB-6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design
<b>SNO-7080R</b>	2.00_121004	H.264 MJPEG	1	2048x1536	*2	*2	Yes	Yes	-	Yes	Test by link
<b>SNO-7082R</b>	refer to SNB-7002 (1.06_130402)	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNP-3120V</b>	v1.24_110816	H.264 MPEG4 M-JPEG	1	704x480	1-way	2/2	Yes	Yes	-	Yes	
Note:	It takes a while to stop after users click stop patrol button.										
<b>SNP-3301</b>	v1.21_110310	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	
<b>SNP-3302/H</b>	Refer to SNP-3371/H/TH	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	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	Camera Search Tool	Multi Stream Support	Remarks
<b>SNP-3370</b>	v1.21_110310	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	
Note:	SNP-3301/SNP-3370: not support QCIF resolution with H.264 through TCP.										
<b>SNP-3371/H/TH</b>	S/W : 1.01_111104 ISP : 1.28	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	Test by link
<b>SNP-3430H</b>	v1.10_110818	H.264 MPEG4 M-JPEG	1	704x480	1-way	8/4	Yes	Yes	-	Yes	
Note:	This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.										
Note:	There is a camera FW issue that we cannot get VBR/CBR info to show quality or bit rate correctly. Please upgrade to FW 1.11_111103 to fix it.										
Note:	Voice cracks in the video exported with ASF format, while the audio of video file is correctly recorded actually. Please choose to export with AVI format.										
Note:	Not support Area Zoom due to protocol limitation.										
Note:	The speed selections of PTZ and focus in LiveView is not synchronized with camera web due to protocol limitation.										
<b>SNP-5200H</b>	v1.02_110603	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	4/2	-	Yes	-	Yes	
Note:	1. SNP-5200H is compatible with SNP-5200 2. Voice cracks in the video exported with ASF format, while the audio of video file is correctly recorded actually. Please choose to export with AVI format. 3. Not support Area Zoom due to protocol limitation. 4. The speed selections of PTZ and focus in LiveView is not synchronized with camera web due to protocol limitation.										
<b>SNP-5300</b>	1.10_130523	H.264 M-JPEG	1	1280x1024	*2	*2	Yes	Yes	Yes	Yes	
Note:	When main stream is MJPEG, dual stream will be H264. When main stream is H264, dual stream will be MJPEG										
<b>SNP-6200</b>	V1.00_120302	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	
<b>SNP-6200H</b>	refer to SNP-6200(FW V1.00_120302)	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>SNP-6200HP</b>	refer to SNP-6200(FW V1.00_120302)	H.264 M-JPEG	1	1920x1080	1-way	4/2	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	Camera Search Tool	Multi Stream Support	Remarks
<b>SNP-6200P</b>	refer to SNP-6200(FW V1.00_120302)	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>SNP-6200RH</b>	1.10_130523	H.264 M-JPEG	1	1920x1080	*2	*2	Yes	Yes	Yes	Yes	
Note:	When main stream is MJPEG, dual stream will be H264. When main stream is H264, dual stream will be MJPEG										
<b>SNV-1080</b>	Refer to SNO-1080R(FW 1.00_120125)	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
<b>SNV-1080R</b>	Refer to SNO-1080R(FW 1.00_120125)	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
<b>SNV-3080</b>		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	Supported by design
Note:	Please uncheck the "RTSP time out" first.										
<b>SNV-3082</b>	refer to SND-3082 (FW	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NT	1-way	1/1	-	Yes	Yes	Yes	
<b>SNV-3120</b>	v1.24_110816	H.264 MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	-	-	Yes	
Note:	PTZ: support zoom and focus.										
<b>SNV-5010</b>	v2.00_110727	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	
Note:	The frame rate of main stream decrease to the half if watching dual stream video. Camera vendor fix this issue in FW 2.10_111227.										
<b>SNV-5080</b>	refer to SND-5080(FW3.10_130416)	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNV-5080R</b>	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. SNV-5080 is compatible with SNV-5080R 2. It's likely failed to query camera parameter in high resolution configuration. It happens on SNO-5080R most. When encountering this issue, please go to camera web.										
<b>SNV-5084</b>	1.12_131031 refer to SNB-5004	H.264 M-JPEG	1	1280x1024	1-way	1/1	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	Camera Search Tool	Multi Stream Support	Remarks
<b>SNV-6012M</b>	1.00_130704	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	
<b>SNV-6084</b>	refere to SND-6083 (FW 1.00_130412 )	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNV-6084R</b>	1.00_130316 refer to SNB- 6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design
<b>SNV-7080</b>	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>SNV-7080R</b>	2.00_121004	H.264 MJPEG	1	2048x1536	*2	*2	Yes	Yes	-	Yes	
<b>SNV-7082</b>	refer to SNB- 7002(1.06_1 30402)	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	Sometimes can't get correct UI setting because camera response time too long.										
<b>SNZ-5200</b>	v1.05_11121 6	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
<b>SPE-100</b>	v1.19_11031 7	H.264 MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	Yes	
Note:	SPE-100 PTZ is abnormal, which PTZ may not be stopped after operating. This is camera FW bug, we can observe the same phenomenon on camera web.										
<b>SPE-400</b>	S/W : 1.40_120201	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	-	Yes	Test by link
Note:	SPE-400 is 4IP x 4channels video server										
Note:	All cameras: it's likely failed to query camera parameter in high resolution configuration. It happens on SNO-5080R most. When encountering this issue, please go to camera web.										
Note:	All cameras: if configuring fixed frame rate on camera web, parameter selection on NVR web page won't be synchronized.										
Note:	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.										

**SANTEC**


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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>SNC-3302</b>	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNC-3303</b>	v1.0.3.454	H.264 M-JPEG	1	2048x1536	1-way	1/1	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										
<b>SNC-3305</b>	v1.0.2.386	H.264	1	2592x1944	1-way	1/1	-	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.										
<b>SNC-3322</b>	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	The frame interval will be unstable under high stream setting, it will cause video and audio not smoothly and image broken										
<b>SNC-3342</b>	1.0.0.11	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
<b>SNC-3901MDN</b>	5.2.3	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
<b>SNC-3903M</b>	9.6.1	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	PTZ is only supported by external RS-485 device.										
<b>SNC-390DN/W</b>	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	PTZ is only supported by external RS-485 device.										
<b>SNC-4323IR</b>	refer to SNC-6323IRH(1.0.3.454)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
<b>SNC-4302</b>	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>SNC-5211MIR</b>	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNC-5211R/W</b>	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
<b>SNC-5312IR</b>	Refer to SNC-6312IRH(v1.0.2.386)	H.264	1	1920x1080	1-way	1/1	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	Multi Stream Support	Remarks
<b>SNC-5312MIR</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>SNC-5315IR</b>	Refer to SNC-6315IRH(v1.0.2.386)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>SNC-5323IRH</b>	refer to SNC-6323IRH(1.0.3.454)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
<b>SNC-565IR/W</b>	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
<b>SNC-6163ID</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>SNC-620/W</b>	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	Yes	Tested by manufacturer
<b>SNC-6201M</b>	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNC-6202</b>	Refer to SNC-3302(v1.0.3.447)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNC-6212IR</b>	Refer to SNC-6312IRH(v1.0.2.386)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>SNC-6221MIR</b>	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNC-6223MIR</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>SNC-6301M</b>	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNC-6302</b>	Refer to SNC-3302(v1.0.3.447)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	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.										
<b>SNC-6303</b>	refer to SNC-3303(1.0.3.454)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
<b>SNC-6303M</b>		H.264 MPEG4 M-JPEG	1	2048x1536	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	Multi Stream Support	Remarks
<b>SNC-6312IRH</b>	v1.0.2.386	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>SNC-6315IRH</b>	v1.0.2.386	H.264 M-JPEG	1	2592x1944	1-way	1/1	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.										
<b>SNC-6323IRH</b>	v1.0.3.454	H.264 M-JPEG	1	1920x1080	1-way	1/1	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										
<b>SNC-6332</b>	1.0.0.10	H.264 M-JPEG	1	1600x1200	1-way	4/1	-	-	Yes	Yes	
<b>SNC-670ID/W</b>	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	Yes	Tested by manufacturer
<b>SNC-8322I/HO</b>	v1.0.3.447	H264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
<b>SNC-P3601M</b>	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>SNC-P3603M</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	On-edge motion: H.264 and MPEG4 (3 megapixel cameras).										
<b>SVS-1100</b>	1.1.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	
<b>SVS-3001</b>		H264 M-JPEG	1	720x480	1-way	1/1	Yes	-	Yes	Yes	Supported by design
Note:	1.3 megapixel cameras: frame rate of MJPEG format is not synchronized as camera actually sends, for example, we set fps to 5 fps, but the video is 3 fps. This issue is fixed in camera FW v5.2.6.										
Note:	1.3 megapixel and 3 megapixel cameras: with HW restrictions, the video @ H.264 with TCP protocol is not smooth in the conditions of high resolution, fps and bitrate.										

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
VCC-HD2100		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
VCC-HD2100P		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
VCC-HD2300		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
VCC-HD2300P		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
VCC-HD2500	CAM MAIN 1.00-10, CAM SUB 1.00-00, NET MAIN 1.00-06, NET SUB 1.00-01	H.264 M-JPEG	1	2288x1712	1-way	2/2	-	Yes	-	Yes	
VCC-HD2500P	CAM MAIN 1.00-10, CAM SUB 1.00-00, NET MAIN 1.01-02, NET SUB 0.00-00	H.264 M-JPEG	1	2288x1712	1-way	2/2	-	Yes	-	Yes	
VCC-HDN1	MAIN 1.05-04, SUB 1.00-03	H.264 M-JPEG	1	2288x1712	-	2/1	Yes	Yes	-	-	
Note:	1. VCC-HD4000, VCC-HD4000P and VCC-HD4000PC are compatible with VCD-HDN1 2. PTZ support: zoom, preset, and focus										
VCC-HD4600	CAM MAIN 1.00-05, CAM SUB 1.00-01, NET MAIN 1.00-04, NET SUB 1.00-04	H.264 M-JPEG	1	2288x1712	1-way	2/2	Yes	Yes	-	Yes	
Note:	PTZ support: zoom, preset, and focus										
VCC-HD4600P		H.264 M-JPEG	1	2288x1712	1-way	2/2	Yes	Yes	-	Yes	
VCC-HD5400		H.264 M-JPEG	1	2288x1712	1-way	4/2	Yes	Yes	-	Yes	Supported by design
VCC-HD5400P		H.264 M-JPEG	1	2288x1712	1-way	4/2	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	Multi Stream Support	Remarks
<b>VCC-HD5600</b>	CAM MAIN 1.00-04, CAM SUB 1.00-00, MEC MAIN 1.04-00, I/O MAIN 1.03-00, NET MAIN 1.00-04, NET SUB 1.00-02	H.264 M-JPEG	1	2288x1712	1-way	8/2	Yes	Yes	-	Yes	
Note:	PTZ Support: enable move feature is supported in NVRmini v2.3.2 and above version; 9~16 preset point are invalid in NVRmini v2.3.1 Max Resolution: 2288x1712(M-JPEG), 1920*1080(H.264)										
<b>VCC-HD5600P</b>		H.264 M-JPEG	1	2288x1712	1-way	8/2	Yes	Yes	-	Yes	Supported by design
Note:	PTZ Support: enable move feature is supported in NVRmini v2.3.2 and above version; 9~16 preset point are invalid in NVRmini v2.3.1 Max Resolution: 2288x1712(M-JPEG), 1920*1080(H.264)										
<b>VDC-HD3100</b>		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
<b>VDC-HD3100P</b>		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
<b>VDC-HD3300</b>	MAIN 1.00-14, SUB 1.00-02	H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	
<b>VDC-HD3300P</b>		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
<b>VDC-HD3500</b>		H.264 M-JPEG	1	2288x1712	1-way	2/2	-	Yes	-	Yes	Supported by design
<b>VDC-HD3500P</b>		H.264 M-JPEG	1	2288x1712	1-way	2/2	-	Yes	-	Yes	Supported by design
Note:	Administrator privilege account / number: VCC-HD2100/2300/3100/3300: admin / 3; operator / 1 VCC-HD2500/3500/4600/5400/5600: admin / 1; operator / 2 VCC-HD4000: admin / 1										

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>SNC-21XX</b>	BgWT813003 5N03 V23 1208152A	H.264 MPEG4 MJPEG	1	720P	1-way	1/1	Yes	Yes	-	Yes	
note	SNC-21XX contains SNC-WD2112MDN, SNC-WD2122DN, SNC-WDL2132DN, SNC-WDL2142DN.										
<b>SNC-22XX</b>	BgWT820271 5N03 V23 1208153A	H.264 MPEG4 MJPEG	1	1080P	1-way	1/1	Yes	Yes	-	Yes	
note	SNC-22XX contains SNC-2212MDN, SNC-2222DN, SNC-L2232DN.										
<b>SNC-23XX</b>	BgWT830003 6N03 V23 1208154A	H.264 MPEG4 MJPEG	1	3M	1-way	1/1	Yes	Yes	-	Yes	
note	SNC-23XX contains SNC-WD2312MDN, SNC-WD2322DN, SNC-WDL2132DN, SNC-WDL2332DN.										

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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	Multi Stream Support	Remarks
<b>Generic</b>	1.7.0	H.264 M-JPEG	1	All	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-CH110/B / SNC-CH110/S</b>	1.27.00	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
<b>SNC-CH120</b>	1.80	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	Yes	
<b>SNC-CH140</b>	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-CH160</b>	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	
<b>SNC-CH180</b>	1.26.01	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-CH210</b>	1.78.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
Note:	1. SNC-CH210/B and SNC-CH210/S are compatible with SNC-CH210 2. Dualstream can not be enabled when H.264, 1280 x 720, 30 fps is selected for Image 1. 3. The number of connection is 1 for JPEG and 2 for H264 and MPEG4 at the same time.											
<b>SNC-CH220</b>	1.21.02	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes	
<b>SNC-CH240</b>	1.10.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-CH260</b>	1.78.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes	
Note:	1. PTZ function only support zoom tele/wide, focus near/far and auto function. 2. DualStream can not be enabled when the H264, 1920x1080, 30 FPS is selected for Image1. 3. The number of connection is 1 for JPEG and 2 for H264 and MPEG4 at the same time.											
<b>SNC-CH280</b>	1.26.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-CM120</b>	1.00	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-CS10</b>		MPEG4 M-JPEG	1	640x480	1-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	Camera Search Tool	Multi Stream Support	Remarks
<b>SNC-CS11</b>	1.05	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
<b>SNC-CS20</b>		MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Yes	Supported by design
<b>SNC-CS3</b>		M-JPEG	1	736x480	-	1/2	-	-	-	Yes	Yes	Supported by design
<b>SNC-CS50</b>	2.21	MPEG4 M-JPEG	1	640x480	1-way	2/2	-	Yes	-	Yes	Yes	
<b>SNC-CX600W</b>	1.7.0	H.264 M-JPEG	1	1280x1024	1-way	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-DF50</b>	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-DF70</b>	1.17	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-DF80</b>	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes	
<b>SNC-DF85</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes	Supported by design
<b>SNC-DH110/B / SNC-DH110/W</b>	1.27.02	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
<b>SNC-DH110T/B / SNC-DH110T/W</b>	Refer to SNC-DH110	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>SNC-DH120</b>	1.78.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	
Note:	1. PTZ function only support zoom tele/wide, focus near/far and auto function. 2. Dualstream can not be enabled when H.264, 1280 x 720, 30 fps is selected for Image 1. 3. The connection cannot established with high probability when selected JPEG, high resolution and high quality. 4. The number of connection is 1 for JEPG and 2 for H264 and MPEG4 at the same time.											
<b>SNC-DH140</b>	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes	
Note:	Motion detection will be turned off upon changing to maximum resolution. Remember to enable it in 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	Camera Search Tool	Multi Stream Support	Remarks
SNC-DH160	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	
SNC-DH180	1.10.02	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DH210/B / SNC-DH210/W		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
SNC-DH210T/B / SNC-DH210T/W	1.27.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
SNC-DH220	1.50.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Yes	
SNC-DH220T	Refer to SNC-DH220	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Yes	Supported by design
SNC-DH240	1.11.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DH260	1.30.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes	
SNC-DH280	1.26.01	H.264 MPEG4 M-JPEG	1	1921x1440	1-Way	1/2	-	Yes	-	Yes	Yes	
SNC-DM110		MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes	Supported by design
SNC-DM160	1.01	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DS10	1.01	H.264 MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DS60	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-EB600	Refer to SNC-EB600B(1.9.	H264 MJPEG	1	1280x1024	-	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
SNC-EB600B	1.9.2	H264 MJPEG	1	1280x1024	-	-	-	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	Camera Search Tool	Multi Stream Support	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EB630</b>	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EB630B</b>	Refer to SNC-EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EB632R</b>	2.1.2	H.264 M-JPEG	1	1920x1080	-	-	Yes	Yes	-	Yes	Yes	
Note:	PTZ only support zoom and focus.											
<b>SNC-EM600</b>	Refer to SNC-EB600B(1.9.)	H264 MJPEG	1	1280x1024	-	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EM601</b>	Refer to SNC-EB600B(1.9.)	H264 MJPEG	1	1280x1024	-	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EM602R</b>	Refer to SNC-EB600B(1.9.)	H264 MJPEG	1	1280x1024	-	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EM630</b>	Refer to SNC-EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EM631</b>	Refer to SNC-EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	Supported by design

## Sony



- : 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	UPnP	Camera Search Tool	Multi Stream Support	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-EM632R</b>	1.9.2	H.264 M-JPEG	1	1920x1080	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Easy Focus.											
<b>SNC-EP520</b>	1.40.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
<b>SNC-EP521</b>	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	Yes	
<b>SNC-EP550</b>	Refer to SNC-ER550	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-EP580</b>	1.42.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Yes	
Note:	For performance consideration, users are unable to watch live videos on both NVR side and camera side.											
<b>SNC-ER520</b>	1.42.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
<b>SNC-ER521</b>	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	Yes	
<b>SNC-ER550</b>	1.78.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	-	Yes	Yes	
Note:	1. Dualstream can not be enabled when H264, 1280x720, 30fps is selected for image 1. 2. The number of connection is 1 for JPEG and 2 for H264 and MPEG4 at the same time. 3. The connection cannot established with high probability when selected JPEG, high resolution and high quality.											
<b>SNC-ER580</b>	1.82.01	H.264 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Yes	
Note:	For performance consideration, users are unable to watch live videos on both NVR side and camera side.											
<b>SNC-ER585</b>	1.78.00	H.264 MPEG4 M-JPEG	1	1920x1080	*2	*2	Yes	Yes	-	*2	Yes	Tested by link
Note:	MPEG4 texture will break briefly during resolution switch.											
<b>SNC-HM662</b>	1.1.1	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	-	Yes	Yes	

## Sony



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 \*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	UPnP	Camera Search Tool	Multi Stream Support	Remarks
Note:	1. fisheye camera 2. 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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> 3. The images of JPEG with resolution 2560x1920 does not support audio. 4. Only default RTSP path of all streams are supported. 5. Camera is unable to achieve maximum FPS.											
<b>SNC-P1</b>	1.28	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
<b>SNC-P5</b>	1.11	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
<b>SNC-RH124</b>	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	Yes	
<b>SNC-RH164</b>	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	Yes	
<b>SNC-RS44N</b>		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RS44P</b>		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RS46N</b>		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RS46P</b>	1.10.02	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes	
<b>SNC-RS84N</b>		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RS84P</b>		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RS86N</b>		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RS86P</b>		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RX530</b>	3.00	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>SNC-RX550</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNC-RX570</b>	3.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	



## Sony



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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	Camera Search Tool	Multi Stream Support	Remarks
<b>SNC-RZ25</b>	1.29	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>SNC-RZ30</b>	3.14	M-JPEG	1	736x480	-	3/2	Yes	-	-	Yes	Yes	
<b>SNC-RZ50</b>	2.21	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>SNC-VB600</b>	1.9.2	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Audios (G726 40kbps, 32kbps, 16kbps) are non-smooth or muted.											
<b>SNC-VB600B</b>	1.7.0	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	In certain scenarios i.e. under high frame rate or resolution, camera might have limitation. For further information, please visit Sony A&E Portal: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-VB630</b>	Refer to SNC-VM632R(1.9.	H264 MJPEG	1	1920x1080	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-VB635</b>	1.11.0	H264 MJPEG	1	1920x1080	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Easy Focus.											
<b>SNC-VM600</b>	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Audios (G726 40kbps, 32kbps, 16kbps) are non-smooth or muted.											
<b>SNC-VM600B</b>	Refer to SNC-VB600B	H.264 M-JPEG	1	1280x1024	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											

## Sony

# SONY

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 \*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	UPnP	Camera Search Tool	Multi Stream Support	Remarks
<b>SNC-VM601</b>	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Audios (G726 40kbps, 32kbps, 16kbps) are non-smooth or muted.											
<b>SNC-VM601B</b>	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-VM602R</b>	Refer to SNC-VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Audios (G726 40kbps, 32kbps, 16kbps) are non-smooth or muted.											
<b>SNC-VM630</b>	Refer to SNC-VM632R(1.9.2)	H264 MJPEG	1	1920x1080	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Audios (G726 40kbps, 32kbps, 16kbps) are non-smooth or muted.											
<b>SNC-VM631</b>	Refer to SNC-VM632R(1.9.2)	H264 MJPEG	1	1920x1080	1-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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Audios (G726 40kbps, 32kbps, 16kbps) are non-smooth or muted.											
<b>SNC-VM632R</b>	1.9.2	H264 MJPEG	1	1920x1080	1-way	2/2	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a> Audios (G726 40kbps, 32kbps, 16kbps) are non-smooth or muted.											
<b>SNC-WR600</b>	1.11.0	H264 MJPEG	1	1280x1024	1-way	4/2	Yes	Yes	-	Yes	Yes	

## Sony



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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	Multi Stream Support	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-WR602</b>	Refer to SNC-WR600(1.11.	H264 MJPEG	1	1280x1024	1-way	4/2	Yes	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-WR630</b>	1.11.0	H264 MJPEG	1	1920x1080	1-way	4/2	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-WR632</b>	Refer to SNC-WR630	H264 MJPEG	1	1920x1080	1-way	4/2	Yes	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-XM632</b>	1.12.0	H.264 MJPEG	1	1920x1080	1-way	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-XM636</b>	Refer to SNC-XM632(1.12.0)	H.264 MJPEG	1	1920x1080	1-way	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-XM637</b>	Refer to SNC-XM632(1.12.0)	H.264 MJPEG	1	1920x1080	1-way	-	-	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: <a href="https://www.security.sony.biz/ssp/ae/homeDisplay.do">https://www.security.sony.biz/ssp/ae/homeDisplay.do</a>											
<b>SNC-Z20</b>	1.06	M-JPEG	1	736x480	-	1/2	Yes	-	-	Yes	Yes	
Note:	PTZ Support: zoom only.											

## Sony



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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	Multi Stream Support	Remarks
<b>SNT-EP104</b>		H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>SNT-EP154</b>	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Yes	
<b>SNT-EX101</b>		H.264 MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
<b>SNT-EX101E</b>	1.10.01	H.264 MPEG4 M-JPEG	1	PAL:720x576 NTSC:720x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>SNT-EX104</b>	1.10.01	H.264 MPEG4 M-JPEG	4	PAL:720x576 NTSC:720x480	1-way	4/4	Yes	Yes	-	Yes	Yes	
<b>SNT-EX154</b>	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	-	Yes	Yes	
<b>SNT-V704</b>	2.15	MPEG4 M-JPEG	4	720x480	1-way	1/4	-	-	-	Yes	Yes	
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. The 1.7 and above version of FW solve this problem.											

## StarDot



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 \*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	UPnP	Multi Stream Support	Remarks
<b>SD-130</b>	NetCamSC 1.1.63	M-JPEG	1	1296x960	-	-	-	Yes	-	-	
Note:	SD-130B, SD-130BN, SD-130V and SD-130VN are compatible with SD-130										
<b>SD-300</b>		M-JPEG	1	2048x1536	-	-	-	Yes	-	-	Supported by design
Note:	SD-300B and SD-300V are compatible with SD-300										
<b>SD-500</b>	NetCamSC 1.1.63	M-JPEG	1	2595x1944	-	-	-	Yes	-	-	
Note:	SD-500B, SD-500BN, SD-500V and SD-500VN are compatible with SD-500										
<b>SDEXP2</b>	ExpressXL 1.1.61	M-JPEG	2	704x480	-	-	-	Yes	-	-	
Note:	Camera doesn't support adjust framerate.										
<b>SDEXP4</b>	ExpressXL 1.1.63	M-JPEG	4	704x480	-	-	-	Yes	-	Yes	
Note:	Camera doesn't support adjust framerate.										
<b>SDH-130</b>		H264 M-JPEG	1	1296x976	-	1/0	-	Yes	-	Yes	Supported by design
Note:	SDH-130B, SDH-130BN, SDH-130V and SDH-130VN are compatible with SDH-130										
<b>SDH-300</b>		H264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	Supported by design
Note:	SDH-300B and SDH-300V are compatible with SDH-300										
<b>SDH-500</b>	1.1.68	H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Yes	
Note:	SDH-500B, SDH-500BN, SDH-500V and SDH-500VN are compatible with SDH-500										

## Sunell



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 \*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	UPnP	ONVIF Search	Multi Stream Support	Remarks
Generic	v1.6_build044014_148	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	
Note:	1.Focus function is not test on software. 2.The maximum resolution is depends on camera. 3.Some framerate and bitrate can't be set due to Onvif restriction. 4.Camera firmwave must be v1.6_build044014_148 or above then can use generic model.											
IPS54/70DN/Z R18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/70DN/Z R18	v1.6_build044014_027	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	
IPS54/70DR/Z R18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/70DR/Z R18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/71DN/Z R18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/80DR	refer to IPS54/70DN/Z R18	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_build044014_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_build044014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPC54/20DN	1.6_build044011_061	H.264 M-JPEG	1	704x576	1-way	-	-	Yes	-	Yes	-	

## 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
SN-IPC54/31EDN	refer to SN-IPV54/31UDR (v1.6_build044_014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPC54/40EDN	v1.6_build044_014_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-IPD54/12VDN	v1.6_build044_014_106	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	
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-IPD54/14VDN	refer to IPD54/12VDN (v1.6_build044_014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPD54/14VDR	refer to IPD54/12VDN (v1.6_build044_014_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_build044_014_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_build044_014_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_build044_014_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

## 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
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-IPR54/11DN	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-IPR54/12DN	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_build044_014_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_build044_014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/31AKDN	refer to SN-IPV54/31UDR (v1.6_build044_014_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_build044_014_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-IPR54/40AKDN	refer to SN-IPC54/40EDN (v1.6_build044_014_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_build044_014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design



## 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
SN-IPR54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN-IPS54/60DN/Z18		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	Supported by design
SN-IPS54/60DN/Z18/WI	v1.6_build044013_040	H.264 MJPEG	1	704x480	1-way	-	Yes	Yes	-	Yes	Yes	
SN-IPS54/60DN/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
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 SN-IPD54/12VDN	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

## 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
<b>SN-IPV54/31UDN</b>	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.											
<b>SN-IPV54/31UDR</b>	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
<b>SN-IPV54/31ZDR</b>	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
<b>SN-IPV54/40UDN</b>	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
<b>SN-IPV54/40UDR</b>	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
<b>SN-IPV54/50DN</b>		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>SN-IPV54/50DR</b>		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>SN-VSR54/04</b>	build044014_136_1	H.264	4	704x576	1-way	2/1	Yes	Yes	-	-	Yes	
Note:	1. Audio only available on channel 1 and channel 2. 2. DI2 can't work correctly.											
<b>VSR54/01</b>	v1.6_build044014_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.											

## 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	UPnP	ONVIF Search	Multi Stream Support	Remarks
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.											

## Telview



- : 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	UPnP	Multi Stream Support	Remarks
IPB612P-ICR	1.0.32	M-JPEG H.264	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPB630P-ICR	1.0.32	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPD612-VP-VF-IR	1.0.32	M-JPEG H.264	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPD630-VP-VF-IR	1.0.32	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE600	1.0.32	M-JPEG H.264	1	640x480	1-way	0/0	-	Yes	Yes	Yes	Supported by design
IPW612	1.0.32	M-JPEG H.264	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPW630	1.0.32	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPW630P	1.0.32	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPZ611	1.0.32	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
VIS611	1.0.32	H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
VIS614	1.0.32	H.264 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
VIT621	1.0.32	H.264 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design

## Techson



- : 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	UPnP	Multi Stream Support	Remarks
TCIP-213WDRMDN		H.264 MPEG4 MJPEG	1	720P	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-220MDN		H.264 MPEG4 MJPEG	1	1080P	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-230WDRMDN		H.264 MPEG4 MJPEG	1	3M	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-D213WDRDN		H.264 MPEG4 MJPEG	1	720P	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TC-IP213WS	CgWT505PSV 2N01 V26 130508CE	H.264 MPEG4 MJPEG	1	960x480	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1. Can't trigger motion alarm under H.264 1fps. 2. Can't search camera by UPnP when change http port except 80. 3. H.264 Fps may not enough under TCP high quality and framerate settings.										
TCIP-D220DN		H.264 MPEG4 MJPEG	1	1080P	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-D230WDRDN		H.264 MPEG4 MJPEG	1	3M	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD213WDRMDN		H.264 MPEG4 MJPEG	1	720P	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD220MDN		H.264 MPEG4 MJPEG	1	1080P	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD230WDRMDN		H.264 MPEG4 MJPEG	1	3M	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LPro213WDRMDN		H.264 MPEG4 MJPEG	1	720P	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-Typ213MDN22x	AgWT813132 2N01 V30 1302255F	MPEG4 M-JPEG H.264	1	1280x1024	*1	*1	Yes	Yes	Yes	Yes	
Note:	1. Not support auto detection 2. Not support DI/DO and audio 3. Not support setup PTZ speed 4. Video stream will have low frame rate with high quality under MJPEG. 5. Not support UPnP search 6. The frame rate is no sync with web under MJPEG.										

## Tiandy



- : 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	UPnP	Multi Stream Support	Remarks
TC-NH9106S2-MP	NVSSv3.0.1_20120619	H.264 MJPEG	1	1280x720	1-way	-	yes	-	-	-	
Note:	Not support Dualstream, ONVIF event (MD, I/O)										
TC-NS324S2-V2.1	NVSSv3.0.1_20120619	H.264 MJPEG	4	704x288	1-way	-	-	-	-	-	

## Toshiba

**TOSHIBA**

- : 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	UPnP	Multi Stream Support	Remarks
<b>IKWB21A</b>	2.09.E.200.121	M-JPEG	1	1280x960	1-way	-	Yes	-	-	-	
<b>IKWB70A</b>	0100e	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>IKWD01A</b>	0100a	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	

## TRENDNET



- : 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	UPnP	Auto Pan	Multi Stream Support	Remarks
TV-IP262P	1.0.3	H.264 MJPEG	1	1280x1024	1-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	1-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	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP572PI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP572W	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP572WI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP672P	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP672PI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP672W	1.1.2	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	
Note:	1. Camera response slow due to digest authentication.(Camera Performace Issue) 2. Image setting for saturation will fail.(Camera Firmware Issue)											
TV-IP672WI	refer to TV-IP672W(1.1.2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design



## TriCorps



- : 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	UPnP	Multi Stream Support	Remarks
<b>TCS-33B002-IRFH</b>	1.9.4	H.264 MJPEG MPEG4	1	720x480	*2	*2	-	*2	*2	Yes	
Note:	1. Need very long time to switch MPEG4 codec. (Camera performance limitation) 2. Need very long time to received stream when first time used. (Camera performance limitation) 3. Display mosaic issue on Mjpeg 4. Camera is unable to achieve maximum FPS (Camera performance limitation)										
<b>TCS-36B002</b>	1.9.4	H.264 MJPEG MPEG4	1	720x480	*2	*2	Yes	*2	*2	Yes	
Note:	1. Need very long time to switch MPEG4 codec. (Camera performance limitation) 2. Need very long time to received stream when first time used. (Camera performance limitation) 3. Display mosaic issue on Mjpeg 4. Motion detection doesn't work 5. Camera is unable to achieve maximum FPS (Camera performance limitation)										

## TRUEN



- : 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	UPnP	Multi Stream Support	Remarks
<b>TCS-200</b>	Enc: V1.104A-035	H.264	1	720x576	1-way	2/2	Yes	Yes	-	Yes	
<b>TCS-2000</b>	Enc: V1.103C-005	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	
<b>TCS-300</b>	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	2/2	Yes	Yes	-	Yes	
<b>TCAM-3xx</b>	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	Yes	
Note:	1. TCAM-330, TCAM-351 and TCAM-370 are compatible with TCAM-3xx 2. Do not support NTSC on TCAM-3xx.										
<b>TCAM-530</b>	Enc: V1.103C-005	H.264 MJPEG	1	1920x1280	1-way	1/1	-	Yes	-	Yes	
<b>TCAM-531</b>	Enc: V1.103C-005	H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	
Note:	TCAM-531, TCAM-531BIR and TCAM-551 are compatible with TCAM-531/531BIR/551										
<b>TCAM-540</b>	Enc: V1.103C-006	H.264 MJPEG	1	1920x1280	1-way	1/1	-	Yes	-	Yes	
Note:	Get severe broken image at the highest resolution 1920x1280, which will be improved in future new camera FW. (approx. three months later)										
<b>TCAM-570</b>	Enc:V1.103A -031	H.264 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	
Note:	The resolution for dual stream is 352x240, however, the quality is bad on 352x240 by connecting through HTTP. Please switch to other protocols.										
Note:	All cameras: The video @ H.264 with TCP protocol is not smooth in the conditions of high resolution, fps and bitrate, which will be improved in future camera FW. (approx. three months later)										
<b>TN-B200CE</b>	Refer to TN- B202CEIR(V3 .311R01)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>TN-B202CEIR</b>	V3.311R01	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>TN-D1202CE</b>	Refer to TN- B202CEIR(V3 .311R01)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>TN-P1220CS</b>	Refer to TN- P1222CGPLX( V3.311R01)	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	

## TRUEN



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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	Multi Stream Support	Remarks
<b>TN-P1222CGPLX</b>	V3.311R01	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
<b>TN-P1230CS</b>	Refer to TN-P1222CGPLX(V3.311R01)	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
<b>TN-P3220CS</b>	Refer to TN-P1222CGPLX(V3.311R01)	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
<b>TN-P3220CSIR</b>	V3.311R01	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
<b>TN-P3220CTIR</b>	Refer to TN-P3220CSIR(V3.311R01)	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	

## UDP



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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	Multi Stream Support	Remarks
<b>IPE1100</b>		H.264 MPEG4 M-JPEG	1	720x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPE3100</b>		H.264 MPEG4 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPE3500</b>		H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPE3500M</b>	1.6.7	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
<b>IPE4100</b>	1.6.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	Yes	Yes	
<b>IPE5500</b>		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPE6500</b>		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPE7500</b>		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPN100HD</b>	1.4.0.11	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN1202HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN2102HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN302HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN3102HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN3202HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN3502HD</b>	1.4.0.11	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN3502HD IR</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPN6602HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	

## UDP



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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	Multi Stream Support	Remarks
<b>IPN6802HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPX3302HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPX3702HD</b>	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPX4202HD</b>	1.4.1.8	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>IPX4602HD</b>	Refer to IPX4202HD (1.4.1.8)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>NVC1000</b>	1.6.7	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	
<b>NVC4000</b>	1.6.7	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	Yes	Yes	
Note:	1. NVC4000 is 4IP x 4channels video server 2. NVC4000-R12 and NVC4000-R40 are compatible with NVC4000										
Note:	UDP cameras are likely disconnected if configuring camera parameter frequently. This is the known issue from camera vendor. When encountering this issue, please reboot the camera.										
Note:	UDP cameras are likely disconnected if setting up highest quality. This is the known issue from camera vendor. When encountering this issue, please reboot the camera, and do not set up this configuration.										

## Videosec



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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	Multi Stream Support	Remarks
<b>IBF-211</b>	5.0.2.3874	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
<b>ICS-13</b>	CCD-cameraFw-100811P et20110215NS	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	
<b>ICS-20F</b>	et20110215ANS	MJPEG H2.64	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	With HW restrictions, the video @ H.264 with TCP protocol is not smooth in the second and third high resolution.										
<b>ICS-20W</b>		MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>ID-20</b>	et20110215ANS	MJPEG H2.64	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note:	With HW restrictions, the video @ H.264 with TCP protocol is not smooth in the second and third high resolution.										
<b>IDA-210</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Tested by manufacturer
<b>IP-206M</b>	5.a.2.4031	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
<b>IRD-20W</b>		MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IRW-20W</b>		MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>IS-240</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Tested by manufacturer
Note:	To solve the disconnection problems on SXGA resolution with quality 99 and 100, please upgrade to the following FW, which is certified by manufacturer. IBF-211 and IDA-210: 5.0.2.4437; IP-206M and IS-240: 5.a.2.4441										

## Vitek



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 For multi stream support:  
 Yes: multi stream fix to 500kbps/100kbps  
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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>VT-20VN-M</b>	4.18-B1-ds	H264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
Note:	1. Only support rtsp port 554 by camera firmware issue. 2. Only integrate NTSC mode. 3. Framerate may not enough under high resolution, framerate and quality settings.										
<b>VTC-IR401</b>	4.24-B3-ds	H264 MJPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Disable talk function.(Camera firmware issue) 2. The camera with highest quality and resolution is unable to achieve 30 fps.(Camera performance limitation) 3.Sometimes UPNP search failed.(Camera firmware issue) 4. Motion detection may not trigger when closing audio function(Camera firmware issue)										
<b>VTC-IR402</b>	4.18-B1-ds	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	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 quality settings.										
<b>VTD-134FNIB</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-134FNIBP</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-134FNIWP</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-13FN</b>	4.18-B1-ds	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	
Note:	1. Only support rtsp port 554 by camera firmware issue. 2. Only integrate NTSC mode. 3. Framerate may not enough under high resolution, framerate and quality settings.										
<b>VT-13FN-M</b>	Refer to VTD-134FNIWP(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design

## Vitek



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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	Multi Stream Support	Remarks
<b>VTD-13V210NIB</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-13V210NIB P</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-13V210NIW</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-13V210NIW P</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-13VN</b>	Refer to VTD-13V210NIW(FW4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-20V210NIB</b>	Refer to VT-20VN-M(FW4.18-B1-ds)	H264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-20V210NIB P</b>	Refer to VT-20VN-M(FW4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-20V210NIW</b>	Refer to VT-20VN-M(FW4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-20VN-M</b>	Refer to VTD-20V210NIW(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-MV13V210NBP</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-MV13V210NP</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
<b>VTD-MV13VR210NBP</b>	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design



## Vitek



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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	Multi Stream Support	Remarks
VTD-MV13VR210NP	Refer to VTD-13FN(FW 4.18-B1-ds)	H264 MJPEG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
VTD-MV20V210NB	Refer to VT-20VN-M(FW4.18-B1-ds)	H264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VTD-MV20V210NP	Refer to VT-20VN-M(FW4.18-B1-ds)	H264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VTD-MV20VR210NBP	Refer to VT-20VN-M(FW4.18-B1-ds)	H264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VTD-MV20VR210NP	Refer to VT-20VN-M(FW4.18-B1-ds)	H264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VTD-MV20VRN	Refer to VTD-MV20VR210NP(FW 4.18-B1-ds)	H264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VT-PTZ220	Refer to VT-PTZ220NP(FW4.18-B1-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
VT-PTZ220NP	4.18-B1-ds	H264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	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 quality settings.  
 5. Preset, preset name and ptz speed can't synchronize to camera web.

## Vision Hi-Tech



- : not available 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	Multi Stream Support	Remarks
<b>M2TiA</b>	VISION 1.1.5.10 20140109	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	
<b>MTi</b>	VISION 1.1.5.10 20140109	H264	1	1280x1024	-	-	-	Yes	Yes	Yes	
<b>VD102i</b>	refer to M2TiA(VISION 1.1.5.10)	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
<b>VD10M2</b>	refer to M2TiA(VISION 1.1.5.10)	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
<b>VN10M2</b>	refer to M2TiA(VISION 1.1.5.10)	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
<b>VN200i</b>	refer to M2TiA(VISION 1.1.5.10)	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
Note:	1. Do not support MJPEG setting. 2. M2TiA series 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.										
<b>VISION i</b>	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	1-way	1/1	-	Yes	-	Yes	
Note:	VISION i Camera : Sometimes audio from machine would fail, but there is chance to recover after reboot. (Hardware issue)										
<b>Vision Mi</b>	1.1.2.46	MJPEG H264	1	1280x720	1-way	1/1	-	Yes	-	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										
<b>VISION M3i</b>	1.1.2.46	MJPEG H264	1	1920x1080	-	1/0	Yes	Yes	-	Yes	
Note:	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										
<b>VISION NVS102</b>	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	1-way	1/1	Yes	Yes	-	Yes	

## Vision Hi-Tech



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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	Multi Stream Support	Remarks
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. PTZ speed : pan setting = tilt setting. Change one of pan or tilt, and then the other will change, too.										
<b>Vision M3Ti</b>	1.1.5.13 20140227	H264	1	QXGA	1-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)										

## Vista



- : 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	UPnP	Multi Stream Support	Remarks
VK2-1080BIR35V16e	refer to VK2-1080VRDIR35V16e(1.1.8)	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VK2-1080BIR37e	refer to VK2-1080VRDIR35V16e(1.1.8)	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VK2-1080VFD3V9F	2.2.4-T3_Release	H.264 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 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VK2-1080VRD	2.2.64	H.264 M-JPEG	1	1920x1080	1-way	2/0	-	Yes	Yes	Yes	
VK2-1080VRD3V9	1.8.8-T4_Release	H.264 MPEG4	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
VK2-1080VRDIR3V9F	1.7.0-T4_release	H.264 MPEG4	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes	
VK2-1080VRDIR35V16e	1.1.8-T8_Release	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	
VK2-1080VRDIR37e	refer to VK2-1080VRDIR35V16e(1.1.8)	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
VK2-2MPVRD	2.2.64	H.264 M-JPEG	1	1600x1200	1-way	2/0	-	Yes	Yes	Yes	
Note:	VK2-1080VRD/VK2-2MPVRD: on-edge motion of video with M-JPEG codec works only as stream 1 is enabled on camera web.										
Note:	VK2-1080VRD/VK2-2MPVRD: camera may be disconnected if users configure format as H.264 on one NVR and configure format M-JPEG on another.										
VK2-540VRD	2.1.8-release	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	Yes	
VK2-600PTZ	2.1.8-release	H.264 MPEG4	1	704x576	1-way	1/0	Yes	Yes	Yes	Yes	
Note:	The operation of setting preset point is special because setting password is a must. We suggest users finish preset point settings on camera web.										
VK2-VGAVFD	1.7.4-T2_release	H.264 MPEG4	1	640x480	-	1/0	-	Yes	Yes	Yes	
Note:	All cameras: modifying parameter frequently may lead to camera shutdown due to slow CGI response.										

## Vista



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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	Multi Stream Support	Remarks
Note:	All cameras: the port value we get is always 80 via UPnP search, which implies the cameras would be disconnected if users change HTTP port to another number on 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	Multi Stream Support	Remarks
<b>AF5127</b>	Refer to FE8172 (FW FE8172-VVTK-0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	Yes	*2	Yes	Supported by design
<b>AF5127V</b>	Refer to FE8172 (FW FE8172-VVTK-0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	Yes	*2	Yes	Supported by design
Note:	AF5127 and AF5127V are fisheye camera										
<b>AB5353H</b>	Refer to IP8335H (FW 0100h)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes	Supported by design
<b>BB5315</b>	Refer to IP8332	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
<b>BB5116</b>	Refer to IP8161	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>BD5115</b>	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
<b>CC8130</b>	0100d	H.264 M-JPEG	1	1280x800	1-way	0/0	-	Yes	Yes	Yes	
Note:	fisheye camera										
<b>FD61x2</b>		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>FD7130</b>	0100e	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
<b>FD7131</b>		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>FD7132</b>	0100f	MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	
<b>FD7141</b>	0100g	MPEG4 M-JPEG	1	720x480	-	1/1	-	Yes	Yes	Yes	
Note:	MPEG4: Unable to connect through HTTP.										
<b>FD7160</b>		MPEG4 M-JPEG	1	1600x1200	-	-	-	Yes	Yes	Yes	Supported by design
<b>FD8131</b>	Refer to FD8133	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
<b>FD8131V</b>	0300d	H.264 MPEG4 M-JPEG	1	1280x800	-	*2	-	Yes	*2	Yes	

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<b>FD8133</b>	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
Note:	FD8133V are compatible with FD8133										
<b>FD8134</b>	0100e	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	
Note:	FD8134-SS and FD8134V are compatible with FD8134										
<b>FD8135H</b>	0202C	M-JPEG H.264	1	1280x800	1-way	3/1	-	Yes	Yes	Yes	
Note:	FW will casue I/O status incorrect and wrong resolution list										
<b>FD8136</b>	0100f	MPEG4 M-JPEG H.264	1	1280x800	1-way	1/0	Yes	Yes	Yes	Yes	Tested by link
<b>FD8137H</b>	0101a	H.264 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	Yes	
<b>FD8137HV</b>	Refer to FD8137H(0101a)	H.264 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	Yes	Supported by design
<b>FD8151V</b>	0100c	H.264 M-JPEG	1	1280x1024	1-way	*2	-	Yes	*2	Yes	Tested by link
<b>FD8154</b>	0100d	H.264 MJPEG	1	1280x1024	1-way	1/0	-	Yes	Yes	Yes	
<b>FD8161</b>	0100h	MPEG4 M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
<b>FD8162</b>	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FD8163</b>	0101b	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Tested by link
<b>FD8164</b>	0100d	H.264 M-JPEG	1	1920x1080	1-way	1/0	-	*2	*2	Yes	Tested by link
<b>FD8166</b>	0100g	H.264 M-JPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	
<b>FD8168</b>	0100e	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	*2	Yes	
<b>FD8171</b>	0100e	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	-	Yes	*2	Yes	
<b>FD8335H</b>	0101a	H.264 MPEG4 M-JPEG	1	1200x800	1-way	3/1	-	Yes	Yes	Yes	Tested by link

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<b>FD8335H</b>	0100g	H.264 M-JPEG	1	1280x1024	1-way	*2	-	Yes	*2	Yes	Tested by link
<b>FD8361</b>	0100d1	H.264 MPEG5 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
Note:	FD8361L are compatible with FD8361										
<b>FD8362</b>	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>FD8362E</b>	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>FD8363</b>	0102a	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>FD8365EHV</b>	0100e	M-JPEG H.264	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Tested by link
<b>FD8371EV</b>	0100i	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
<b>FD8372</b>	0100f	H.264 MPEG4 M-JPEG	1	2580x1920	1-way	3/1	-	Yes	Yes	Yes	Tested by link
Note:	Mpeg4 support first 2 maximum resolutions are 1920x1920 & 1920x1536										
<b>FE8171</b>	0100d	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
Note:	fisheye camera										
<b>FE8172</b>	FE8172-VVTK-0100f	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	-	-	-	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-bottom of the frame. 5. If set to Full HD mode, the low profile video stream would have a color line at the bottom of frame. 6. Link can not test UPnP and motion detection. 7. Fisheye camera										
<b>FE8172V</b>	Refer to FE8172 (FW FE8172-VVTK-0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	-	*2	Yes	
<b>FE8173</b>	0100c	H.264 MPEG4 M-JPEG	1	1536x1536	1-way	*2	-	Yes	*2	Yes	
Note:	fisheye camera										



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<b>FE8174</b>	0100e	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	fisheye camera										
<b>FE8174V</b>	Refer to FE8174(0100e)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	fisheye camera										
<b>Generic</b>	0101b	H.264 MPEG4 M-JPEG	1	All	1-way	8/8	Yes	Yes	Yes	Yes	
<b>IP21x1</b>		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design
<b>IP21x2</b>		M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP51x2</b>		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP51x4</b>		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP6114</b>		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP6124</b>		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP61x2</b>		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP61x4</b>		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP61X7</b>		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP7130</b>	0100c	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>IP7131</b>		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP7132</b>		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
<b>IP7133</b>	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	

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IP7134	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
IP7135		MPEG4	1	704x576	1-way	-	-	Yes	Yes	-	Supported by design
IP7137		MPEG4	1	704x576	1-way	-	-	Yes	Yes	-	Supported by design
IP7138	0101h	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
IP7139		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7142		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7151		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7152		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7153		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7154	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	
IP7160	0101b	MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
Note:	IP7160-SS is compatible with IP7160										
IP7161		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	IP7161-SS is compatible with IP7161										
IP71x7		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7251	0100f	MPEG4	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	MPEG4: Unable to connect through HTTP.										
IP7330		MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	Yes	Supported by design
IP7361		MPEG4 M-JPEG	1	1600x1200	1-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	Multi Stream Support	Remarks
IP8130	0100e	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes	
IP8130W	Refer to IP8130(0100e)	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes	Supported by design
IP8131	Refer to IP8131W(0100e)	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes	Supported by design
IP8131W	0100e	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes	
IP8132		H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
IP8133W	0100c	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	Due to the parameter limitation of stream 1, we take stream 2 as main stream for recording and liveview.										
IP8151	0200a	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	*
Note:	1. IP8151-SS and IP8151P are compatible with IP8151 2. This camera FW is under testing by manufacturer, so there are two issues existed which should be fixed in the official release: video stream of M-JPEG is not continuous; there is an image problem on resolution 176x144 @H.264.										
IP8152	0100e	H.264 M-JPEG	1	1280x1024	1-way	1/0	Yes	Yes	Yes	Yes	
Note:	IP8152: CGI return a wrong PTZ capability										
IP8155HP	0100d	H.264 M-JPEG	1	1280x1024	1-way	3/1	-	Yes	Yes	Yes	
IP8161	0100k	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	IP8161-SS is compatible with IP8161										
IP8162	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. IP8162P and IP8162-SS are compatible with IP8162 2. The frame rate of main stream decrease to the half if watching dual stream video, which is the limitation of camera HW.										
IP8165HP	0100d	H.264 M-JPEG	1	1920x1080	1-way	3/1	-	Yes	Yes	Yes	
IP8172	0100a0	MPEG4 M-JPEG H.264	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes	
Note:	Not support CBR mode in MainConsole, MJPEG not support audio, Not support AAC audio										

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IP8173H	0100i	MPEG4 M-JPEG H.264	1	2048x1536	1-way(*2)	1/0(*2)	*2	Yes	*2	Yes	
IP8330	0100e	MPEG4 M-JPEG H.264	1	640x480	-	1/0	-	Yes	Yes	Yes	
IP8331	0100c	MPEG4 M-JPEG H.264	1	640x480	-	1/0	-	Yes	Yes	Yes	
IP8332		MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
Note:	IP8332-SS is compatible with IP8332										
IP8335H	0100h	MPEG4 M-JPEG H.264	1	1280x800	1-way	3/1	-	Yes	Yes	Yes	
Note:	IP8335H: Audio, I/O, Upnp ,PTZ can't testing by link Use Vivotek 2nd stream with MPEG4 format as NUUO main stream and Vivotek 1st stream as NUUO 2nd stream										
IP8336W	0102b	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	Yes	
IP8337H-C	0100b	H.264 M-JPEG	1	1280x800	-	1/0(*2)	-	Yes	*2	Yes	
IP8352	0100g	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	I/O status is abnormal, which input and output cannot be triggered at the same time. Vivotek will fix the bug in next release, please upgrade to new camera FW then.										
IP8355EH	0100e	H.264 MJPEG	1	1280x1024	1-way	*2	-	Yes	*2	Yes	
IP8361	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Tested by link
IP8362	0100d	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	Supported by design
IP8364	0101a	H.264 M-JPEG	1	1920x1080	-	1/0(*2)	-	Yes	*2	Yes	
IP8365EH	0100e	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	
IP8371E	0100g	MPEG4 M-JPEG H.264	1	2048x1536	1-way(*2)	1/1(*2)	-	*2	*2	Yes	
IP8372	0100e	MPEG4 M-JPEG H.264	1	2560x1920	1-way	*2	-	Yes	*2	Yes	Tested by link

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<b>IZ7151</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: zoom only.										
<b>MD7530</b>	0100d	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes	
<b>MD7560</b>	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	Yes	
<b>MD7560X</b>	Refer to MD7560	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	Yes	Supported by design
<b>MD8531H</b>	0100h	MPEG4 M-JPEG H.264	1	1280x960	1-way	*2	-	Yes	*2	Yes	
Note:	Video parameter setting is incorrect displayed.										
<b>MD8562</b>	0100c	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
Note:	The frame rate of main stream decrease to the half if watching dual stream video, which is the limitation of camera HW.										
<b>PD8136</b>	0100e	H.264 MPEG4 M-JPEG	1	1280x800	1-way	0/0	Yes	Yes	*2	Yes	
Note:	PD8136: No support zoom.										
<b>PT7000</b>		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design
<b>PT7135</b>		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design
<b>PT7137</b>		MPEG4	1	704x576	1-way	-	Yes	Yes	Yes	-	Supported by design
<b>PT8133</b>	0100e	MPEG4 M-JPEG H.264	1	1280x800	1-way	-	Yes	Yes	Yes	Yes	
<b>PZ61x2</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
<b>PZ61x4</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
<b>PZ7131</b>	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	
<b>PZ7132</b>		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

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<b>PZ7151</b>	0101b	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	MPEG4: Unable to connect through HTTP.										
<b>PZ7152</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>PZ71X1</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>PZ71X2</b>		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>PZ81x1</b>	0100e	H.264 MPEG4	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	
Note:	PZ-81x1W is compatible with PZ81x1										
<b>SD61x2</b>		MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	-	Supported by design
<b>SD7151</b>	0101d	MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	
Note:	No audio support in M-JPEG format. MPEG4: Unable to connect through HTTP.										
<b>SD73X3</b>		MPEG4 M-JPEG	1	704x576	1-way	4/1	Yes	Yes	Yes	Yes	Supported by design
<b>SD81X1</b>	0100e	MPEG4 M-JPEG	1	704x576	1-way	4/1	Yes	Yes	Yes	Yes	
Note:	1. SD8121-SS is compatible with SD81X1 2. SD81X1 : Audio, I/O, Upnp can't testing by link										
<b>SD8362E</b>	0104a	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	3/2	Yes	Yes	Yes	Yes	
Note:	1. SD8362E-SS is compatible with SD8362E 2. SD8362E : Audio, I/O, Upnp can't testing by link 3. Work with SF8172 as PPTZ model										
<b>SD8363E</b>	0202b	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	*2	Yes	Yes	*2	Yes	
Note:	1.Work with SF8172 as PPTZ model 2.Video parameter setting is incorrect displayed.										
<b>SD83x1</b>	Refer to SD83x3	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	Supported by design
Note:	SD83x1 and SD83x2 are detected as SD83x3.										

**VIVOTEK**


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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	Multi Stream Support	Remarks
<b>SD83x2</b>	Refer to SD83x3	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	Supported by design
Note:	SD83x1 and SD83x2 are detected as SD83x3.										
<b>SD83x3</b>	0102d	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	
Note:	SD83x3-SS is compatible with SD83x3										
<b>SD83x4</b>	0200c	H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
<b>SD83x6</b>	0200c	H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	Yes	Yes	
<b>SD8362</b>	0104a	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Tested by link
Note:	Work with SF8172 as PPTZ model										
<b>SD8364E</b>	0200d	H.264 M-JPEG MPEG4	1	1920x1080	1-way	*2	Yes	Yes	*2	Yes	
<b>SF8172</b>	0100d	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	-	Yes	Yes	Yes	
<b>SF8172V</b>	Refer to SF8172(FW 0100d)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	SF8172 and SF8172V: 1. Support PPTZ. 2. Fisheye camera.										
<b>SF8174</b>	0100c	MPEG4 M-JPEG H.264	1	1920x1920	1-way	*2	-	Yes	*2	Yes	
Note:	1. SD8363E and SF8174 are PPTZ 2. Fisheye camera.										
<b>TC5331</b>		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
<b>TC5630</b>		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
<b>TC5631</b>		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
<b>VS2101</b>		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design

**VIVOTEK**


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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	Multi Stream Support	Remarks
<b>VS2401</b>		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
<b>VS2402</b>		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
<b>VS2403</b>	0103b	M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	-	
<b>VS7100</b>	0101e	MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes	Yes	Yes	
Note:	MPEG4: Unable to connect through HTTP.										
<b>VS8100</b>	0100g	H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	Yes	Yes	
<b>VS8102</b>	0202c2	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	
<b>VS8401</b>	0201b	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	-	Yes	
<b>VS8801</b>	0202a3	H.264 MPEG4 M-JPEG	8	720x576	1-way	8/8	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:	Audio: All cameras don't support AAC audio codec, but GSM-AMR.										



## Yudor



- : 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	UPnP	Multi Stream Support	Remarks
YUC-H696		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
YUC-766R-30		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
YUC-H796R		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
YWS-H01DP		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
YWS-H04S		H.264 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
YUC-H626	VC1.0.10_Y	H264 MJPEG	1	1920*1080	1-way	1/1	Yes	Yes	Yes	Yes	
YUC-H7926	VC1.0.10_Y	H264 MJPEG	1	1920*1080	1-way	1/1	-	Yes	Yes	Yes	
YUC-Hi26	VC1.0.10_Y	H264 MJPEG	1	1920*1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	In website, when bitrate mode is "CBR" and change stream mode from "Advanced mode" to "Basic mode". Quality will not synchronized to web.										

## Wavekrom



- : 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	UPnP	Multi Stream Support	Remarks
WK-SD6000HD	v1.4.1.8	H.264 MJPEG	1	1920x1080	1-way	-	*2	*2	*2	*2	Tested by link

## Zavio



- : 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	UPnP	Multi Stream Support	Remarks
<b>B5010</b>	Refer to Beward N600 (M2.0.9.13.1	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>B5110</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>B5111</b>	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
<b>B5210</b>	M2.1.6.02C014	H.264 MPEG4 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
Note:	For B5210, the frame rate is not enough when using TCP and HTTP connection.										
<b>B6110</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>B7210</b>	Refer to F3206	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	Yes	Yes	Supported by design
<b>B7320</b>	M3.1.5.17	M-JPEG H.264	1	2048x1536	1-way	2/2	-	Yes	Yes	Yes	
Note	1. Not support audio in.										
<b>B7510</b>	M3.1.5.19	H264 MJPEG	1	2560x1920	1-way	2/2	-	Yes	Yes	Yes	
<b>D3100</b>	M2.1.6.02.0830	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
Note:	1. Not support audio.										
<b>D3200</b>	M2.1.6.02C066	H.264 MPEG4 M-JPEG	1	1920x1080	1-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 1920x1080 and 1280x800. It's the limitation of hardware										
<b>D4210</b>	M2.1.5.07	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>D510E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D5110</b>	Refer to D5111	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>D5111</b>	MG.1.6.03P7_app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	
<b>D5112</b>	Refer to D5113 (M2.1.6.01)	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design

## Zavio



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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	Multi Stream Support	Remarks
D5113	M2.1.6.01	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	
D520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D5210	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	
Note:	Due to camera restriction, some video setting will fail. This situation will be same as camera web. (Camera performance limitation)										
D610A	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D6111	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D611E	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D7110	MG.1.6.03P7_app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	Yes	Yes	
D7111	Refer to D5113	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design
D7210	M2.1.6.02C066	H.264 MPEG4 M-JPEG	1	1920x1080	1-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	1-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	1-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.										
F1100	Refer to F1105	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	Supported by design
F1105	BP.1.6.01_C1	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
F210A	LM.1.6.15	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	

## Zavio



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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	Multi Stream Support	Remarks
<b>F3100</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>F3101</b>	Refer to F3106	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
<b>F3102</b>	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	1-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 1280x800. It's the limitation of hardware										
<b>F3105</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>F3106</b>	MG.1.6.03C8	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
<b>F3107</b>	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	1-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 1280x800. It's the limitation of hardware										
<b>F3110</b>	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	1-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										
<b>F3115</b>	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	1-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 1280x800. It's the limitation of hardware										
<b>F312A</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>F3201</b>	Refer to F3206	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>F3206</b>	M2.P2P_0314	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	Yes	Yes	
<b>F3210</b>	M2.1.6.03C019	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	For F3210, Video resolution can not change when only setting resoluotion.										
<b>F3215</b>	M2.1.20.01	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	

## Zavio



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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	Multi Stream Support	Remarks
Note:	1. Not support MPEG4 2. The voice of Talk is broken.										
F5100	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5105	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F510W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5115	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F511E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F511W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F521E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F531E	LM.1.6.18P9_testport2	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F610A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F611E	LM.1.6.16.007	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
F7110	MG.1.6.03P3_r1072	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	
F7115	Refer to F7110	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
F7210	M2.1.6.01	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	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.										

## Zavio



- : not available 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	Multi Stream Support	Remarks
<b>F721A</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>F731E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>M510E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>M510W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>M511E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>M511W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>P5110</b>	MG.0.6.01_C 1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>P5111</b>	Refer to P5116	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>P5115</b>	MG.0.6.01_C 1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	PTZ Support: pan and tilt only										
<b>P5116</b>	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.										
<b>P6210</b>	M2.1.5.07	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
<b>V1100</b>	M2.1.6.03	H264 MJPEG MPEG4	1	704x480	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	AMR can't be used in audio in/out.										
<b>V111T</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	If enable Zavio analog video output function, it will not be able to get 2 <sup>nd</sup> stream from zavio camera.										

## 3M



- : 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	UPnP	Multi Stream Support	Remarks
ANPR	5780	MJPEG	1	720x480	-	-	-	-	-	-	

Note:  
 1. Only integrate MJPEG 1st stream video.  
 2. Mainconsole must upgrade upper than 4.1.12, then can see video.



## 3Svision



- : 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	UPnP	Multi Stream Support	Remarks
N1011		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N1012		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N1031		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N1032		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3011		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3012		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3031		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3032		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3071	Refer to 3S N3072	H264 M-JPEG	1	1600x1200	1-way	-	-	Yes	-	Yes	
N3072	V1.08_STD-1	H264 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
N5012	V1.01_STD-1	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note	HTTP port always 80 when using UPnP search.										
N5013	V1.04_STD-1	H.264 MJPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes	
N5071	V1.03_STD-1	H264 M-JPEG	1	704x576/ 704x480	1-way	-	Yes	Yes	Yes	Yes	
N6011		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6012		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6013		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6014		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

<b>N6015</b>		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6016</b>		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6031</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6032</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6033</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6034</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6035</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6036</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6037</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6038</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N6072</b>	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>N6073</b>	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>N6074</b>	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>N6075</b>	V1.05_STD-1	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
<b>N6076</b>	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>N6077</b>	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>N8011</b>		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N8012</b>		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N8031</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N8032</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

<b>N8072</b>	V1.03_STD-1	H264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	-	Yes	
<b>N9012</b>		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N9018</b>	V1.01_STD-1	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	1.Audio toned with G.726/32.[camera firmware issue] 2.The image of snapshot to FTP is use MJPEG stream.[camera firmware issue]										
<b>N9032</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N9033</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N9034</b>		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>N9071</b>	V1.06_STD-1	H264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	
<b>S4071</b>	V1.04_STD-1	H264 M-JPEG	4	704x576/ 704x480	1-way	4/4	Yes	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.										