



# ReadyNAS® Surveillance™ Supported Cameras

ACTi



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
ACD2000Q	A4Q-220-V3.02.04-AC	MPEG4 M-JPEG	4	720x480	1-way	2/2	Yes	Yes	-	Yes		
ACD2100	A1D-220-V3.08.08-AC	MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes		
ACD2200		MPEG4 M-JPEG	4	720x480	1-way	8/8	Yes	Yes	-	Yes		Supported by design
ACD2300		MPEG4 M-JPEG	8	720x480	1-way	16/16	Yes	Yes	-	Yes		Supported by design
ACD2400	AGD-R2N-V2.05.02-AC	MPEG4 M-JPEG	16	720x480	1-way	32/32	Yes	Yes	-	Yes		
ACM1011	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes		
ACM1231		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM1232		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM1311		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes		Supported by design
ACM1431		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes		Supported by design
ACM1432		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes		Supported by design
ACM1511		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM3001		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes		Supported by design
ACM3011		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes		Supported by design
ACM3211		MPEG4 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	Yes		Supported by design
ACM3311		MPEG4 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	Yes		Supported by design
ACM3401		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM3411		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM3511		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM3601	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes		
ACM3603		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes		Supported by design
ACM3701	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes		
ACM3703		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes		Supported by design
ACM4000		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes		Supported by design
ACM4001		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes		Supported by design
ACM4100	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.											
<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>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
<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>D64</b>	(V6.02.03)	MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	design
<b>D65</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D71</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D72</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D81</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>D82</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E11</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E12</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E13</b>	V6.02.03	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
Note	1.Camera will reboot if change resolution and framerate.											
<b>E21</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E22</b>	Refer to D13 (V6.02.03)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E23</b>	Refer to E84 (V6.02.03)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E24</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E25</b>												
<b>E26</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E31</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E32</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E33</b>	Refer to D13 (V6.02.03)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E34</b>	V6.02.03	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E41</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E42</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E43</b>	Refer to D13 (V6.02.03)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E44</b>	Refer to E84 (V6.02.03)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E45</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E46</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E51</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E52</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E53</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E54</b>	Refer to D13 (V6.02.03)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	

<b>E55</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E56</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E61</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E62</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E63</b>	Refer to D13 (V6.02.03)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E64</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E65</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E66</b>												
<b>E67</b>	Refer to E84 (V6.02.03)	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E71</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E72</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E73</b>	Refer to D13 (V6.02.03)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E74</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E81</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E82</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E83</b>	Refer to D13 (V6.02.03)	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
<b>E84</b>	V6.02.03	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
<b>E85</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E86</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E87</b>	Refer to E34 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
<b>E91</b>	Refer to D11 (V6.02.03)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
<b>E92</b>	Refer to D52 (V6.02.03)	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	For D and E series camera: 1. NUUO recommend customers use CLOSE network environment as ACTi may shut down and restart automatically in some complex network environment. 2. ACTi will continue to figure out the reason and help to solve this issue.											
<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>KCM3311</b>	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	-	-	Yes	Yes	-	Yes	Yes	
<b>KCM3911</b>	A1D-311-V5.04.07-AC	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>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	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	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-V5.07.05-AC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	-	-	Yes	
Note:	1. Dual-Stream Resolution 1280x720 2. fisheye camera											
<b>KCM8111</b>	A1D-311-V5.09.04-AC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
<b>KCM8211</b>												
<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>TCD2100</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	720x480	-	1/1	Yes	Yes	-	Yes	Yes	
<b>TCD2500</b>	A1D-310-V4.06.08-AC	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
<b>TCM1111</b>	A1D-310-	MJPEG, MPEG4,	1	1280x1024	No	-	-	Yes	-	Yes	Yes	

	V4.12.09-AC	H.264											
<b>TCM1231</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM1232</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design	
<b>TCM1511</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM3001</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design	
<b>TCM3011</b>	A1D-310-V4.07.10-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM3111</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes		
<b>TCM3401</b>		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design	
<b>TCM3411</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM3511</b>	A1D-310-V4.06.00-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM4101</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Yes	Supported by design	
<b>TCM4201</b>	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM4301</b>	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Yes	Supported by design	
<b>TCM4511</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes		
<b>TCM5001</b>	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM5111</b>	A1D-310-V4.12.09-AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes		
<b>TCM5311</b>	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes		
<b>TCM5312</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design	
<b>TCM5601</b>	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes	Yes	Supported by design	
<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**



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>ADT-VSDVZ3MP-VF3010IRO</b>	V0.99_STD-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 [BETA] 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_STD-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-VSDVZ5MP-VF3090IRI (FW V1.00B_STD-1)	H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

Airlive



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
OD-325HD	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.										

Alphatech



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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-201206071056DBG	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-201206071051DBG	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



**American Dynamics**

*From Tyco Security Products*

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

# Arecont



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
AV1115	65218	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	
Note:	AV1115 include D4F-AV1115-3312 and D4S-AV1115-3312											
AV1125	65218	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	Supported by design
AV1145	65218	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	Supported by design
AV1255	65218	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	Tested by customer
AV1300	64328	M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes*	Supported by design
AV1305	64331	H.264 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	
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
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	65218	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	Yes	
Note:	AV2115 include D4F-AV2115-3312 and D4S-AV2115-3312											
AV2116	refer to AV2115 (65218)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	Supported by design	Supported by design

# Arecont



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
AV2125	65201	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	Yes	Yes	
AV2155	64803	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	-	Yes	Yes	
AV2255AM	65218	H.264 M-JPEG	1	1920x1080	*1	1(*1)/ 1	Yes	Yes	-	Yes	Yes	
AV2256	refer to AV2255 (65218)	H.264 M-JPEG	1	1920x1080	*1	1/1	-	Yes		Yes	Supported by design	
AV2455DN-F	65220	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	Yes	
Note:	AV2455DN would reboot after connecting DO port.											
AV2456	refer to AV2455 (65220)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes		Yes	Supported by design	
AV2805	65150	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	Yes	
AV2815	65191	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	Yes	
AV2825		H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	Yes	Supported by design
AV3100	64328	M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes*	Supported by design
AV3105	64331	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
AV3110		M-JPEG	1	1920x1216	-	-	-	Yes	-	Yes	Yes*	Supported by design
AV3115	65218	H.264 M-JPEG	1	2048x1536	-	1/1	-	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	Supported by design
AV3116DN	65219	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	
AV3125	65218	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	Supported by design

# Arecont



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
AV3130	61906	M-JPEG	1	2048x1536	-	-	-	Need to retest	-	Yes	Yes*	Supported by design
AV3135	65135	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	
AV3146	65219	H.264 M-JPEG	1	2048x1536	-	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	
AV3255	65218	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Tested by customer
AV3256	65219	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	
Note	1. The streaming has low FPS under high quality.											
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	
AV5110		M-JPEG	1	2560x1600	-	-	-	Yes	-	Yes	Yes*	Supported by design
AV5115	65218	H.264 M-JPEG	1	2592x1944	-	1/1	-	Yes	-	Yes	Yes	
Note:	AV5115 include D4F-AV5115-3312 and D4S-AV5115-3312											
AV5125	65201	H.264 M-JPEG	1	2592x1944	-	1/1	-	Yes	-	Yes	Yes	
AV5155	65152	H.264 M-JPEG	1	2592x1944	-	-	-	Yes	-	Yes	Yes	
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	

# Arecont



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
AV8180	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Yes*	Supported by design
AV8185	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	Yes	Yes	
AV8185DN	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	Yes	Yes	
AV8360	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Yes*	Supported by design
AV8365	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	Yes	Yes	Supported by design
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	65218	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	-	Yes	Yes	
AV10255	65218	H.264 M-JPEG	1	3648x2752	-	1/1	Yes	-	-	Yes	Yes	
AV12186	65184	H264 MJPEG	#####	2048x1536	-	1/1	-	Yes	-	-	Yes	
Note:	DI can't work.											
AV20185	65183	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	Yes	
Note:	AV20185 include AV20185DN, AV20185CO											
AV20365	65183	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	Yes	Supported by design
Note:	1. AV20365 include AV20365DN, AV20365CO 2. On-edge motion: turn off the "enable extended on motion detection" function on camera web.											
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)											



AMTK



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	
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>	Initail 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.										

**ARM**

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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

Asoni



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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
CAM641		H.264 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM642M		H.264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM647		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM656D		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
SVR610		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
SVR611		H.264 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
SVR640		H.264 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design

**Aver**

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	
FD3020	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FD3020-M	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FV2006	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FV2028	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	

**Aver**

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<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



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
205		M-JPEG	1	640x480	-	-	-	Yes	-	Yes*	Supported by design
206		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes*	Supported by design
206M		M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes*	Supported by design
206W		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes*	Supported by design
207	4.40	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	
207MW		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
207W		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
Note:	Not support audio in M-JPEG										
209FD		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes*	Supported by design
209FD-R		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes*	Supported by design
209MFD		MPEG4 M-JPEG	1	1280x1024	-	-	Yes	Yes	Yes	Yes*	
209MFD-R		MPEG4 M-JPEG	1	1280x1024	-	-	Yes	Yes	Yes	Yes*	Supported by design
210		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes*	Supported by design
210A	4.40	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	
211		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes*	Supported by design
211A		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
211M		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
211W		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
212		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
Note:	212 PTZ and 212 PTZ-V are compatible with 212										
213		MPEG4 M-JPEG	1	704x576	1-way	2/3	Yes	Yes	Yes	Yes*	Supported by design
Note:	213 PTZ is compatible with 213										
214	4.33	MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:	214 PTZ is compatible with 214										
215		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
Note:	215 PTZ and 215 PTZ-E are compatible with 215										
216FD		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
216FD-V		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
216MFD		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
216MFD-V		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
221		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes*	Supported by design
223M		MPEG4 M-JPEG	1	1600x1200	1-way	2/1	-	Yes	Yes	Yes*	Supported by design
225FD		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes*	Supported by design
231D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Yes*	Supported by design
Note:	231D+ is compatible with 231D										
232D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Yes*	Supported by design

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Note:	232D+ is compatible with 232D										
233D		MPEG4 M-JPEG	1	704x576	1-way	4/4	Yes	Yes	Yes	Yes*	Supported by design
2400		M-JEPG	4	704x576	-	4/1	-	Yes	Yes	Yes*	Supported by design
240Q		M-JEPG	4	704x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
240Q Blade		M-JEPG	4	704x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
241Q		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
241Q Blade		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
241QA	4.30	MPEG4 M-JPEG	4	704x576	1-way	4/4	-	Yes	Yes	Yes*	
241S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
241S Blade		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
241SA		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Yes*	Supported by design
242S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
243Q		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Yes*	Supported by design
243Q Blade		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Yes*	Supported by design
243SA		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Yes*	Supported by design
2460		M-JEPG	4	704x576	-	4/1	-	Yes	Yes	Yes*	Supported by design
247S		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes*	Supported by design



# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Generic		MPEG4 M-JPEG	Max 4	by Camera	1-way	Max 4/4	Yes	Yes	-	Yes*	
Note:	Only guarantee stream works fine.										
M1011	5.00	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
M1011-W	5.00	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
M1013	5.40.5.1	H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	Yes	
M1014	5.40.5	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
M1031-W	5.00	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
M1034-W	5.40beta1	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
M1054	5.15	H.264 M-JPEG	1	1024x640	1-way	1/1	-	Yes	Yes	Yes	
M1103		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes*	Yes	Supported by design
M1104	5.09	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes*	Yes	
M1113	5.08	H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Yes	*
M1114-L		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										
M2014	Refer to P1204(5.40.1 2)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
M1143-L	5.40beta19	H.264 M-JPEG	1	800x600	-	1/1	-	Yes	Yes	Yes	
M1144	5.40.10.4	H.264 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
M3004	5.40.5.2	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
M3005	5.40.5.3	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
M3006	5.40.13	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	Yes	Yes	
M3007	5.40.13.1	H.264 M-JPEG	1	2592x1944	-	-	Yes	Yes	Yes	Yes	
Note:	fisheye camera										
M3011	5.01	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
M3014		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
M3024-L	5.40.5	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
M3113-R		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Yes	Supported by design
M3113-VE		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Yes	Supported by design
M3114-R	5.11	H.264 M-JPEG	1	1280x800	-	-	Yes	Yes	Yes	Yes	
M3114-VE		H.264 M-JPEG	1	1280x800	-	-	Yes	Yes	Yes	Yes	Supported by design
M3203		H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	Yes	Supported by design
Note:	M3203-V is compatible with M3203										
M3204		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
Note:	M3204-V is compatible with M3204										
M5013		H.264 M-JPEG	1	800x600	1-way	-	Yes	Yes	Yes	Yes	Supported by design
M5014		H.264 MPEG4	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
M7001		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes	Yes	Supported by design
M7010	5.40.6.1	H.264 M-JPEG	4	720x576	-	-	Yes	Yes	Yes	Yes	
M7014	5.40.7.1	H.264 M-JPEG	4	720x576	-	-	Yes	Yes	Yes	Yes	
P1204	5.40.12	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
P1214	5.40.12	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
P1311	5.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
P1343	5.06	H.264 M-JPEG	1	640*480	1-way	1/1	Yes	Yes	Yes	Yes	*
P1343-E		H.264 M-JPEG	1	800x600	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P1344		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P1344-E		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P1346	5.06	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	*
P1346-E		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P1347	5.11	H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes*	Yes	
P1347-E		H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P1354	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 Mini2v1.6, but supported in Mini2v1.5

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
P3301	5.11	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
P3301-V		H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
P3304		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P3304-V		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P3343	5.06	H.264 M-JPEG	1	800x600	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	1. P3343-V and P3343-VE are compatible with P3343 2. Support digital PTZ only										
P3353		H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	
P3344	5.06	H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1. P3344-V and P3344-VE are compatible with P3344 2. Support digital PTZ only										
P3346	5.20	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes*	Yes	
Note:	1. P3346-V and P3346-VE are compatible with P3346 2. Support digital PTZ only										
P3354	5.40.10.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	tested by link
P3364	5.40.10.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	tested by link
P3367	5.40.3	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	P3367-V, P3367-VE are compatible with P3367										
P5414	5.55.1	H.264 M-JPEG	1	1280x720	2-way	4/4	Yes	Yes	Yes	Yes	tested by link
P5512		H.264 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
P5512-E		H.264 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
P5522		H.264 M-JPEG	1	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
P5522-E		H.264 M-JPEG	1	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
P5532	5.15	H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes*	Yes	
P5532-E		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
P5534	5.15.1	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
P5534-E		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
P5544	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										
P7210	5.40.6.1	H.264 M-JPEG	16*	720x576	1-way	16/16	Yes	Yes	Yes	Yes	
Note:	P7210 is 4IP x 4channels video server										
P7214	Refer to P7210	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
P7224	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										
P8221	5.10.2	*2	1	-	*2	*2	-	-	*2	-	
Note:	Network I/O audio module										
P8513	Refer to P8514	H.264 M-JPEG	1	800x600	-	0/0	-	Yes	Yes	-	Supported by design
P8514	5.21	H.264 M-JPEG	1	1280x800	-	0/0	-	Yes	Yes	Yes	

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Q1602	5.40.3	H.264 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Q1602 camera not testing Audio, I/O, UPNP capability (by link) 2. Q1602-E is compatible with Q1602										
Q1604	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										
Q1755	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.										
Q1755-E		H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Q1765-LE	5.55.1	H.264 M-JPEG	1	1920x1080	2-way	2/2	Yes	Yes	Yes	Yes	
Q1910	5.06	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Q1910-E		H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	
Q1921	5.11	H.264 M-JPEG	1	768x576	-	2/0	-	Yes	Yes*	Yes	Supported by design
Q1921-E		H.264 M-JPEG	1	768x576	-	2/0	-	Yes	Yes	Yes	
Q1922	Refer to Q1921	H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Q6032		H.264 M-JPEG	1	752x480	1-way	4/4	Yes	Yes	Yes	Yes	
Q6032-E	5.05	H.264 M-JPEG	1	704x576	-	-	Yes	Yes	Yes	Yes	
Q6034	5.20.3	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes*	Yes	Supported by design
Q6034-E		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design

# AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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
Q6044	5.55.1	H.264 M-JPEG	1	1920x1080	2-way	4/4	Yes	Yes	Yes	Yes	Supported by design
Q6045	5.55.1	H.264 M-JPEG	1	1920x1080	2-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	
Q7404	5.02	H.264 M-JPEG	4	768x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Q7406	5.11.1	H.264 M-JPEG	6	704x576	1-way	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	
Q7424-R	5.40.10	H.264 M-JPEG	4	720x576	-	4/4	Yes	Yes	Yes	Yes	

**Basler**




Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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**



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>BN1009/PTZ</b>	Refer to BN1009/PTZW	H.264 M-JPEG	1	D1	1-way	1/0	Yes	Yes	-	Yes	Supported by design
<b>BN1009/PTZ</b>	v1.6_build0440	H.264 M-JPEG	1	D1	1-way	1/0	Yes	Yes	-	Yes	
<b>BN1009M/PT-18</b>	v1.6_build0440	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_build0440	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>BN2009AVAI</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>BN2009WDRIP</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_build0440	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.										

BOSCH											
											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
NDC-225	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.										
NDC-274-P	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.										
NDC-274-PT	refer to NDC-274-P	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
NTC-265-PI	refer to NDN-265-PIO (FW 39500570)	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NDN-265-PIO	39500570	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
Note:	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.										
NWC-455	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design
Note:	Auto detect model unsupported. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate.										
NWC-495	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design
Note:	Auto detect model unsupported. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate.										
NWD-455	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design
Note:	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.										
NWD-495	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	
Note:	Auto detect model unsupported. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate.										
VIP-X1XF-E	39500570	H.264	1	704x480	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.										

# Brickcom



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
20xP	gk20121228 NSA	H.264, MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:	Cover model: OSD-200Ap and OSD-200										
30xN	v3.2.2.7	H.264, MJPEG, MPEG4	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Cover model: MD-300Np, FB-300Np, WFB-300Np, FD-302Np, VD-302Np, OB-302Np, OB-302Ne, WOB-302Ne. VD-300Np, FD-300Np, OB-300Np, WOB-300Np, GOB-300Np with zoom feature. OB-300Np-AD 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.										
130N	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										
50xA series	V3.2.2.7	H.264 MPEG4 M-JPEG	1	2592x1944	1-way	1/1	-	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. 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.										
CB-100Ae	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes*	Tested by manufacturer
CB-100A	v3.0.2.4	H.264 MPEG4 M-JPEG	####	1280x800	1-way	-	-	-	Yes	Yes*	Tested by manufacturer
FB-100Ae	v3.0.2.3	MPEG4 M-JPEG	####	1280x800	1-way	1/0	-	-	Yes	Yes*	Tested by manufacturer
FB-100A	v3.0.2.3	H.264 MPEG4 M-JPEG	####	1280x800	1-way	1/0	-	-	Yes	Yes*	Tested by manufacturer
FD-100Ae	v3.0.2.3	MPEG4 M-JPEG	####	1280x800	1-way	1/0	-	-	Yes	Yes*	Tested by manufacturer
FD-100A	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes*	

# Brickcom



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
FD-130Ae	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
FD-130Ap	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
OB-100Ap	v3.1.0.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes*	
VD-130Ae	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
VD-130Ap		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	
W/VS-01A	v3.1.0.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes*	
WCB-100Ae	v3.0.2.4	MPEG4 M-JPEG	####	1280x800	1-way	-	-	-	Yes	Yes*	Tested by manufacturer
WCB-100A	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes*	
WFB-100Ae	v3.0.2.3	MPEG4 M-JPEG	####	1280x800	1-way	1/0	-	-	Yes	Yes*	Tested by manufacturer
WFB-100A	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.										
OSD/PZ-040D	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes*	
OSD/PZ-040E	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes*	

# Bullwark



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
BLW-230MP-BS	pm20120222NS	MJPEG/H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
BLW-230MP-DS	pm20120222NS	MJPEG/H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
BLW-510MP-BS	bg20121126NS	MJPEG/H264	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
BLW-IN220X-S	pm20120222NS	MJPEG/H264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
BLW-IR230MP-DSM	pm20120222NS	MJPEG/H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
BLW-IR230MP-SM	pm20120222NS	MJPEG/H264	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										
BLW-OUT220X-S	pm20120222NS	MJPEG/H264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	

Centrix




Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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 (build2)	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>	cx20130506NS	H.264 MPEG4 M-JPEG	1	2592x1944	1-way	4/2	*2	Yes	-	Yes	
Note:	Generic support model: MD20, MD50 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 cx20130506NSA or above then can use generic model.										
<b>W13H</b>	v1.1.0.0 (build2)	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	

CISCO



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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											
			- : not available on camera *1: not available on software *2: not test on software								
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IBE3815NVR		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Yes	Supported by design
IBE3815PVR		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Yes	Supported by design
IBE5810NCR		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Yes	Supported by design
IBE5810PCR		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Yes	Supported by design
IBP5030CR	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.										
IDC4000T	XNET.T1- 1.0.11.0105b	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
IDC4050F	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.										
IDC4050IR	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.										
IDC4050VF	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.										
IDC4050VR	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.										
IDP4000VD	XNET.A1- 1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	Yes	
IDP4000VR	XNET.A1- 1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	Yes	
IDP4030VR	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.										
IDP5035VR	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.										
IGC2050F	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.										
IGP1000		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	Supported by design
IGP1030	XNET.A1- 2.01.13.0204	H.264 MPEG4	1	1280x960	1-way	1/1	Yes	Yes	Yes	Yes	



		M-JPEG										
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.A1-1.1.9.1104	H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Yes		
<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	
<b>ISMC1063N</b>		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	Yes	Yes	-	Supported by design	
<b>ISMC1063x</b>	XNET.A1-2.01.13.0204	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.											
<b>ISS2765NW</b>		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	-	Supported by design	
<b>ISS2765PW</b>		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	Supported by design	
<b>ISS2965x</b>	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	-	Supported by design	
<b>ISS4032Z28V</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>ISSM2063x</b>	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	-	Supported by design	
<b>IVC5055VF</b>	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Supported by design	
<b>IVC5055VR</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>IVP4000VR</b>	XNET.A1-1.1.9.1028	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	Yes		
<b>IVP4030VR</b>		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	Yes	Supported by design	
<b>IVP4030VR</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>IVP5035VR</b>	Refer to IGP2035F (XNET.M2-3.00.13.0204)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design	
<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>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.										
<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.										

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
15-WS01D	1.00.10.5168	H.264 M-JPEG	1	D1	1-way	-	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	Dual Stream Support	Remarks
CS-150-IO	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										
CS-190-IO / CS-190-IP / CS-190-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-195-IO	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										
CS-265-IO / CS-265-IP / CS-265-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-270-IO	VB 1.0.28	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
CS-285-IP / CS-285-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-310-IO	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. The particular operations sequence is as follows: In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply										
CS-320-IO	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										
CS-325-IO / CS-325-IP		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-385-IO / CS-385-IP / CS-390-IP		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-390-IO	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										
CS-410-IO	VB1.0.28_YC	H.264 MPEG4	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	

		M-JPEG									
Note:	<p>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 -&gt; use VBR -&gt; Apply -&gt; use CBR -&gt; Apply -&gt; change to Basic Mode -&gt; Apply</p>										
<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:	<p>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 -&gt; use VBR -&gt; Apply -&gt; use CBR -&gt; Apply -&gt; change to Basic Mode -&gt; Apply</p>										

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>HDB3300</b>		H.264 M-JPEG	1	2048×1536	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	2048×1536	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>HF3211</b>	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	
Note:	HF3211P is compatible with HF3211										
<b>HF3300</b>	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	2048×1536	1-way	1/1	Yes	Yes	-	Yes	
Note:	1. HF3300N, HF3300N-W, HF3300P and HF3300P-W are compatible with HF3300 2. HP3300 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-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>SD65XX-HN</b>	2.102.0001.0.0	H.264 M-JPEG	1	1920x1280	1-way	7/2	Yes	Yes	-	Yes	
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	
Note:	1.MJPEG not support MD 2.FW issue, MJPEG bitrate can't not set over 8192.										

# Digital Watchdog



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Dual Stream Support	Remarks
<b>DWC-MPA20M</b>	1.8	H.264 MPEG4 M-JPEG	1	1920x1080	-	-	-	-	Yes	Yes	Yes	
<b>Note:</b>	Implement with ONVIF protocol v1.02.											
<b>Note:</b>	Due to the limitation of ONVIF protocol, ONVIF search works only as cameras keep default administrator name and password.											
<b>Note:</b>	<p>1. There are two port settings on camera web, web port and service port. When NUUO product and camera are located in the same network, you can use this web port as configuring port on NUUO product. If NUUO product and camera are located in different network, you must choose service port. "Go to web" function on NUUO product setting page might direct to the wrong url.</p> <p>2. If switching between profiles constantly (about 5~10 times), sometimes the camera is just disconnected and no longer connected again until rebooting it. (VLC also fail to open the streaming)</p>											
<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	
<b>Note:</b>	<p>MD421 includes MD421D and MD421TIR</p> <p>1. Not support Zoom, Focus, Talk, VideoParamSetting.</p> <p>2. Not support dual stream when select single stream for ONVIF setting at webpage.</p> <p>3. There is a valid resolution 320x0 in profile1 at MJPEG.</p> <p>4. The quality value is not sync. with webpage</p>											



## D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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-2100		H.263	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
DCS-2100G		H.263	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
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(1.20.0)	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	1/1	-	Yes	Yes	Yes*	
DCS-2136L	0.01.04	H.264 MPEG4 M-JPEG	1	1280x720	1-way	1/1	-	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(1.20.0)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design

## D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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	2.00.02	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
Note:	Not support TCP/UDP										
DCS-2330L	1.00.01	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
Note:	Not support TCP/UDP										
DCS-2332L	1.02.00	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
DCS-3010	v1.00.05	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes*	
Note:	DCS-3010 Firmware issue: bitrate setting(exceeding 2Mbps cause broken-image and image delay)										
DCS-3110		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
DCS-3112	1.10.02	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	Yes	Yes	Yes	Yes*	
DCS-3130	V0.2.99_12 1014	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	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	-	

# D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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)	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*	
DCS-3714	Refer to DCS-6314(v1.00)	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
DCS-3715	v1.20_24_Aug_2012	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	
DCS-3716	1.00.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes*	
DCS-5010L	Refer to DCS-5020L(1.01)	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes*	Supported by design
DCS-5020L	1.01	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes*	
DCS-5211L	1.10	H.264 MPEG4	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes*	
DCS-5220	0200	MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	
DCS-5220 Bx	2.00	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes*	
DCS-5220(TW)		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design
DCS-5222L	1.10	H.264 MPEG4	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes*	

# D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DCS-5222LB1	Refer to DCS-2132LB1(2.00.02)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-5230	1.02_4317	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes*	
DCS-5230L	1.02_4317	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes*	
DCS-5300	1.05	MPEG4	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
DCS-5300G		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DCS-5605	1.01, 4126	H.264 MPEG4 M-JPEG	1	740x480	1-way	1/1	Yes	Yes	Yes	Yes*	
DCS-5610		MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
DCS-5615	1.00.02	H.264 M-JPEG	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes	
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	Yes	
Note:	DCS-6010L: fisheye camera										
DCS-6110	1.00	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		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
DCS-6112V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	

# D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DCS-6113		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
DCS-6113V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
DCS-6115	0.01.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	
DCS-6210	1.00.06	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes*	
DCS-6314	Refer to DCS-7513(v1.00.03)	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
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	0.00.01	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	Yes	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*	

# D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DCS-6915	v1.00.10	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes*	
DCS-7010L		H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*	
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 MPEG4 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-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-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_2012-1026 2.0.16-	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes*	

## D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DCS-933L	1.00_b4	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes*	
DCS-940L	1	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes*	
DCS-942L	1.2	H.264 M-JPEG	1	640x480	2-way	-	-	Yes	Yes	Yes*	
DCS-950		MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
DCS-950G		MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
DCS-G900		M-JPEG	1	640x480	-	-	-	-	Yes	-	Supported by design
DCS-N2100		MPEG4 M-JPEG	1	640x480	-	-	-	Yes		Yes*	
DCS-N2104		MPEG4 M-JPEG	1	640x480	-	-	-	Yes		Yes*	
DCS-N2200		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes		Yes*	
DCS-N2204		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes		Yes*	
DCS-N3530		MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes		Yes*	
DCS-N3531		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes*	
DCS-N3534		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes*	
DCS-N4141		MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes		Yes*	
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*	

# D-Link



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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-301		H.263	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
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*	
DVS-N3040		MPEG4 M-JPEG	4	700x576	-	4/4	Yes	Yes		Yes*	
DVS-N3041		MPEG4 M-JPEG	4	688x544	-	4/4	Yes	Yes		Yes*	



## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DVS-N3044		MPEG4 M-JPEG	4	688x544	-	4/4	Yes	Yes		Yes*	
Super Model	Tested by DCS- 2332L(V1.0 1.02)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	-	Yes*	

# DlinkCN



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DCS-H70-21D	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
Note:	covered DCS-H70-21D/A and DCS-H70-21D/M										
DCS-N62-40H2	V1.0.40	H264 MJPEG	1	720x480	1-way	1/1	Yes	-	Yes	Yes*	
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)										
DCS-H70-21D/M	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
DCS-N20M-10H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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-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-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-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	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N70M-50H2	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	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
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

**DlinkCN**

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>DCS-V40M-12H</b>	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>DCS-V40M-32H</b>	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>DCS-V40M-32H2</b>	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>DCS-V40M-33H</b>	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>DCS-V70M-11H</b>	Refer to DCS-V70M-21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>DCS-V70M-20H</b>	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>DCS-V70M-21H</b>	v1.0.30	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
<b>DCS-V70M-21H2</b>	VB1.0.29	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
<b>DCS-V70M-50H</b>	Refer to DCS-V70M-21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design

# DYNACOLOR



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Generic	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 multistream 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.										
na063	z120120523 NSA	H.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.										
NA083	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.										
NH061-CCD	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.										
NH221-CCD	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.										
NH720-20N1	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	-	Yes	Yes	Yes*	
NH820-20N1	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes*	
nv053	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	
nv063	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
nv103	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	

# DYNACOLOR



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
nv223	z120130417 NSA	MJPEG/H.264	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.										
V1-A		H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design
V1-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.										
V2-A		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
V2-B	d20100826NS	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
V6-A		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
V6-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.										



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>GLC-1401</b>	1.42	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	Supported by design
<b>GLC-1601</b>	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
<b>GLC-1602H</b>	1.43	H.264 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
<b>GLC-1610H</b>		H.264 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>GLC-1701/IR</b>	1.45	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	Yes	
<b>GLD-1401</b>	1.40	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	-	
<b>GLD-1501</b>	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
<b>GLS-2101</b>	1.45	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
<b>GLS-2104</b>	1.78	M-JPEG	4	704x272	1-way	-	Yes	Yes	Yes	Yes	
<b>GLS-2301H</b>	1.09	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	Yes	Yes	
<b>NLC-1401</b>	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	Yes	Yes	Yes	Yes	
<b>NLD-1401</b>	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	Yes	
<b>NLS-1401</b>	v1.5.6	H.264 MPEG4	1	704x576	1-way	2/0	Yes	Yes	Yes	Yes	
<b>NXC-1301M</b>	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
<b>NXC-1302M</b>	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
<b>NXC-1401M</b>	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
<b>NXC-1402M</b>	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
<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>PXD-1010F02</b>	vr20121016NSA	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>PXD-1020F02</b>	refer to PXD-1010F02 (vr20121016NSA)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
Note:	Parameter setting will fail when Mjpeg quality bigger than 60										

Ernitec



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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	4/2	-	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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	
<b>Note:</b>	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
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



<b>EPN3100</b>	1.2.14	MPEG4 MJPEG	1	704x576	1-way	4/2	Yes	Yes	Yes	-	-	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>	1.0.8	H.264 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	Yes	
<b>ETN2110</b>												
<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>EVS200A</b>	1.2.8	H.264 MPEG4 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	-	
<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>	1.0.14	H.264 MJPEG	4	704x480	1-way	4/1	Yes	Yes	Yes	Yes	-	
Note:	PTZ is only supported by external RS-485 device.											
<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>	1.0.7-B1	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
<b>EZN3340</b>	1.0.7-B1	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Yes	

**Fine**



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
ACM-R2001	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.										
ACM-V3001	1.02.09	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	-	Yes	Yes	Yes*	
ACM-V3002	1.02.06A	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes*	
ACM-B3000	1.02.09	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	-	Yes	Yes	Yes*	
ACM-R3002	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.										
ACM-R3006	1.02.05T	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	*2	Yes	Yes	Yes*	
C3000/C3000-W	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes*	
CDB-5VM551	VC1.0.18.2_F	H.264 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	Yes*	
CDB-720F		H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	Yes*	
CDB-720F/IR	V1.0.20_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	Yes*	
CDB-720V	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1-1	-	Yes	Yes	Yes*	
CDB-720VIR	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	Yes*	
CDB-HD280	VC1.0.06_F	H264 MJPEG	1	1920*1080	1-way	1/1	-	Yes	Yes	Yes*	
CDB-MV1080F	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes*	
CDB-MV720F	VB1.0.28_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes*	
Note	Camera FW issue: framerate can not reach 30fps.										

# Fine



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
CDV-2M360	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	
Note	Fisheye camera										
CDV-3V930		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-		Supported by design
CDV-3V930U		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-		Supported by design
CDV-3VM301		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-		Supported by design
CDV-3VM501		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-		Supported by design
CDV-3VM800	VC1.0.06_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
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	VC1.0.18.2_F	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes*	
Note:											
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
EP-601HW		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-		

**Fine**



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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-D3622QH	VD1.0.12_04_F	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
SP-HP2020Q-IP	SDK Version 3.3.0.168 Kernel	H.264 M-JPEG	1	1280x1080	1-way	-	Yes	*1	*1	Yes*	

# Fine



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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-PYIR737-LA-IP		H.264 M-JPEG	1	720x480	1-way	-	Yes	Yes	-		Supported by design
SP-PTIR737-IP	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	0/0	Yes	Yes	-		
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-2800AM	V1.0.20_F	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
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

**Fine**



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\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
TCP-690U	V3.2.60_F	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-		
TCP-HDVB720P	V1.0.20_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes*	
TCP-HDVB800	VC1.0.18.2_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	-	Yes	Yes*	
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-HFB1080D	2.03.10	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	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-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	-		
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	V1.0.20_F	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-		



**Fine**



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
TCP-IRH5040C		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	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-MH802	V1.0.8_F	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-		
TCP-MH859	VC2.0.20_F	M-JPEG H.264	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Not support M-Jpeg with resolution 2048x1536 and 2592x1944. (DP-2.19 can support it.)										
TCP-VM201		MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes*	Supported by design
TCP-VM359	VC1.0.16_F	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes*	
TCP-VM501	V1.0.14_F	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes*	
TCP-VM559	VC1.0.16_F	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes*	
WB-8211SD		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	Yes*	Supported by design
WB-8211SDU		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	Yes*	Supported by design
WB-8411		MPEG4 M-JPEG	4	720x480	1-way	4/1	-	Yes	-	Yes*	Supported by design

# Fine



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
WB-8412	V2.2.26_F	MPEG4 M-JPEG	4	688x448	1-way	4/4	Yes	Yes	-	Yes*	
WB-H811		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes*	Supported by design
WB-H814	V1.0.40_F	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	-	-	

# Forenix



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
ACD-3VM501	refer to ACDV-3VM501	H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
ACDV-3VM501		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
AEP-Q2018HW-IP		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes		Supported by design
AEP-Q2026HW-IP		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes		Supported by design
AEP-Q2036HW-IP		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes		Supported by design
ASP-PTIR737-IP		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes		Supported by design
ASP-PTIR737-LA-IP		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes		Supported by design
ATCP-IRH5030C		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
ATCP-IRH5040C		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
ATCP-MH802		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
ATCP-MH802DN		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
ATCP-MH802DN/WI		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
ATCP-MH802WI		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes		Supported by design
ATCP-VM501		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	Yes*	Supported by design
AWB-H811		H.264 M-JPEG	1	720x480	-	2/2	Yes	Yes	Yes	Yes*	Supported by design
AWB-H814		H.264 M-JPEG	1	720x576	-	4/4	-	Yes	Yes	Yes*	Supported by design
B0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes*	Supported by design

# Forenix



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
B0202	V3.2.0.0	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
B1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes*	Supported by design
C1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes*	Supported by design
C1100-W		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes*	Supported by design
C2002											
C2002-W											
C2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes*	Supported by design
C2200	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
C2200-W	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
D0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes*	Supported by design
D1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes*	Supported by design
D2000-FD3	Refer to M4202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
D2000-VD3	Refer to M4202-DB02	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
D2000-VP2	Refer to M7202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
D2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes*	Supported by design
FBU-200LWD	Refer to FBX-200LWD (FW AgWT820012 2N02 V31 1306263F)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	*1	Yes	Supported by design

# Forenix



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>FBU-201LWD</b>	Refer to FBX-200LWD (FW AgWT820012 2N02 V31 1306263F)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	*1	Yes	Supported by design
<b>FBU-300LWD</b>	Refer to FVD-300WD	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	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 FBX-200LWD (FW AgWT820012 2N02 V31 1306263F)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	*1	Yes	Supported by design
<b>FBX-200LWD</b>	AgWT820012 2N02 V31 1306263F	H.264	1	1920x1080	1-way	1/1	Yes	Yes	*1	Yes	
Note	1. Not support UPnP and auto detection. 2. Camera will crash if open camera web under winXP.										
<b>FBX-300LWD</b>	Refer to FBX-300WD	H.264 M-JPEG MPEG4	1	2048x1536	1-way	1/1	Yes	-	*1	Yes*	Supported by design
<b>FBX-300WD</b>		H.264 M-JPEG MPEG4	1	2048x1536	1-way	1/1	Yes	-	*1	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 FBX-200LWD (FW AgWT820012 2N02 V31 1306263F)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	*1	Yes	Supported by design
<b>FDM-300LWD</b>	Refer to FDM-300WD	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	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 FBX-200LWD (FW AgWT820012 2N02 V31 1306263F)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	*1	Yes	Supported by design

# Forenix



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
FVD-200LWD	Refer to FDM-200	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes*	Supported by design
FVD-300LWD	Refer to FVD-300WD	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes*	Supported by design
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 (VC1.0.20.2_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPB-1080BM	Refer to IPD-1080CD (VC1.0.20.2_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPD-1080CD	VC1.0.20.2_TG	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPV-1080CD	Refer to IPD-1080CD (VC1.0.20.2_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPX-1080DN	Refer to IPD-1080CD (VC1.0.20.2_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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
M4202-DB03	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
M7202-DB03	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design

# Forenix



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
NPB-720	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes*	Supported by design
NPB-720A	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes*	Supported by design
NPB-720BM	VB1.0.26_TG	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes*	
Note:	NPB-720BM FW issue cannot support UPnP and autodetect.										
NPB-720U	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes*	Supported by design
NPD-720K	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes*	Supported by design
NPD-720R	refer to NPB-720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes*	Supported by design
T2000-FB1	Refer to M0202-BH01	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
T2000-FB2	Refer to M0202-BH02	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
T2000-VB3	Refer to M0202-BH03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
VQ2100		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
VQ2200		MJPEG MPEG4 H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes*	Supported by design
VQ2210C		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
VQ2300		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
VQ2310		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design

GE



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
TVC-MP2B-S	e20120223BNS	H264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	



# Grandstream



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	720110412NS	H.264 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	
GCI-H0503B	720110422NS	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-K0322V	720110413NS	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
Note:	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-K1526V	gr20120522NS	MJPEG, H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	When we set the resolution, compression and frame rate in maximal value, the camera would not respond if we want to get camera parameter, and the audio we get is also unstable. Camera may not connect to if the frame rate is 1. We suggest to change the GOV length to lower value on camera web page. 1080P not support 2nd stream.										
GCI-K1812W	gr20120522NS	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note:	When we set the resolution, compression and frame rate in maximal value, the camera would not respond if we want to get camera parameter, and the audio we get is also unstable. Camera may not connect to if the frame rate is 1. We suggest to change the GOV length to lower value on camera web page. 1080P not support 2nd stream.										

# Guardeon



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>GDN-D1300V</b>	AS65_ALL001	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
Note: 1. Not support 16 KHz sampling rate audio in.											
<b>GDN-DV1300IR</b>	Refer to GDN-D1300V (AS65_ALL001)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D1300IR</b>	Refer to GDN-D1300V (AS65_ALL001)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D3200V</b>	AS65_ALL001	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
<b>GDN-D3200IR</b>	Refer to GDN-D3200V (AS65_ALL001)	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
<b>GDN-F1300V</b>	Refer to GDN-D1300V (AS65_ALL001)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN-H1300IR</b>	Refer to GDN-D1300V (AS65_ALL001)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>GDN- H3200IR</b>	Refer to GDN-D3200V (AS65_ALL001)	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	



# HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DS-2CD2012-I	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.										
DS-2CD2112-(I)	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2212-I3	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2212-IS	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2312-I	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2612F-I	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2612F-IS	v5.0.2 build130805	H264	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
DS-2CD2632F-IS	Refer to DS-2CD2732F-IS(v5.0.2 build130805)	H264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DS-2CD2712F-I	Refer to DS-2CD2012-I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2712F-IS	Refer to DS-2CD2612F-IS(v5.0.2 build130805)	H264	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DS-2CD2732F-IS	v5.0.2 build130805	H264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
DS-2CD702NFE		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD702PFE		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  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	*2	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	-	Tested by manufacturer
DS-2CD733F-E	V2.0 100716	H.264	1	640x480	1-way	2/2	Yes	Yes	-	-	Supported by design
DS-2CD752MF-E		H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes*	
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	-	-	Supported by design
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*	
DS-2CD754FWD-EI	V3.2 120105	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	YES	Yes*	

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New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DS-2CD762MF-FB	20100320	H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Supported by design
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	-	Tested by manufacturer
DS-2CD793PFWD-E	V2.0 100628	H.264	1	704x576	1-way	2/2	Yes	Yes	No	-	Supported by design
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

# HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DS-2CD812NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
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 build 090522)	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	-	
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*	Supported by design
DS-2CD8264FWD-(EIS)	v4.0.3 build121123	H.264 MPEG4	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	



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New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Note:	PTZ can't work, MD will delay										
DS-2CD832F		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD832F-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
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*	Supported by design
DS-2CD862MF-E		H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Tested by manufacturer
DS-2CD863PF-E	V2.0 100628	H.264	1	1280x960	1-way	1/1	Yes	Yes	-	-	
DS-2CD864FWD-E	v4.0.3 build121123	H.264 MPEG4	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	
Note:	DI can't work, MD will delay, G726 talk can't work, zoom in/out can't work										
DS-2CD883F-E	V3.2 120105	H.264 MPEG4	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
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

# HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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
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	-	
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. v4.0.3 build121123 is the version of firmware of IPCam 2. v1.0.2 build 121107 is the version of firmware of 6601HFH1 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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
HIHD_64	2.3.1.2.0.150	H264, MJPEG	1	704x480	1-way	1/0	Yes	Yes	-	Yes	
HIHD_T_IR	5.3.1.3.0.1	H264, MJPEG	1	1920x1080	-	-	-	-	-	-	
Note:	HIHD_T_IR: Only support main stream video(no audio), camera setting(1920x1080, 1280x960, 1280x720). The other resolution does not mentioned above are not supported.										
Note:	<ol style="list-style-type: none"><li>1. camera response very slow</li><li>2. 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. not support autodetect.</li><li>4. not support preset function</li></ol>										

Honeywell



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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>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	1	1280x720	1-way	1/1	-	Yes	-	-	
Note:	1. For integration issue not support TCP connection.										
<b>HD3MDIH</b>	11.0.3	H.264	1	1280x720	1-way	1/1	-	Yes	-	-	
Note:	1. For integration issue not support TCP connection.										
<b>HD3MDIP</b>	7.07	MPEG4	1	1280x720	1-way	-	-	Yes	-	Yes	
<b>HD4MDIP</b>	8.04	MPEG4	1	1280x720	1-way	-	-	Yes	-	Yes	
<b>HD4MDIH</b>	12.0.3	H.264	1	1280x720	1-way	1/1	-	Yes	-	-	
Note:	1. 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>	H20120808NSA	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
<b>HDZ20HDEX</b>	Refer to HDZ20HDX (H20120808NS)	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
<b>HDZ20HD</b>	Refer to HDZ20HDX (H20120809NS)	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
<b>HDZ20HDE</b>	Refer to HDZ20HDX (H20120810NS)	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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>B3210E</b>	V1.02.05.04	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<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	

# IQinVision



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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
<b>IQeye302</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye302w</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye303</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye303w</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye501</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	
<b>IQeye510</b>	B2.8/608	M-JPEG	1	752x480	-	-	-	Yes	-	-	

<b>IQeye511</b>	V2.8/6	M-JPEG	1	1280x1024	-	-	-	Yes	-	-	
<b>IQeye601</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye602</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye603</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye701</b>	V2.8/6	M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	
<b>IQeye702</b>	V2.8/6	M-JPEG	1	1600x1200	-	1/1	-	Yes	-	-	
<b>IQeye703</b>	V2.8/6	M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	
<b>IQeye705</b>	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
<b>IQeye751</b>		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye752</b>	V2.8/6	M-JPEG	1	1600x1200	-	1/1	-	Yes	-	-	
<b>IQeye753</b>		M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Supported by design
<b>IQeye755</b>	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
<b>IQeye855</b>	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
<b>IQ863N</b>	V3.3/5 (120130)	H.264 M-JPEG	1	3MP	1-way	1/1	-	Yes	-	Yes	Test by link
<b>IQ865N</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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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-B1100-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- ISD0200x18		H.264 M-JPEG MPEG4	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
JS- OSD0200x20		H.264 M-JPEG MPEG4	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design



JVC



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	
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.265	1	1920x1080	1-way	2/2	-	Yes	-	Yes	
<b>VN-H57</b>	4.00.575	H.266	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-H657U</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-H657WPU</b>	refer VN-V657U	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	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-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											
											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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.										
FCS-1010	0102d	H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	
FCS-1030V1.0		H.263	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
FCS-1030V2.0		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
FCS-1040	0102a	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	-	
FCS-1050		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
FCS-1060	0202a	MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	
FCS-1070		MPEG4 M-JPEG	1	720x576	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	L20101222NS	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:	Motion Detection of MPEG4 is error.										
FCS-1141	L20100623NS	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.										
FCS-1151	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>WCS-0010</b>		M-JPEG	1	640x480	1-way	-	-	-	Yes	-	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-2010V1.0</b>		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
<b>WCS-2010V2.0</b>		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
<b>WCS-2030V1.0</b>	0200d	H.263	1	720x576	1-way	-	-	Yes	Yes	-	
<b>WCS-2030V2.0</b>		H.263	1	720x576	1-way	-	-	Yes	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	



<b>LW332</b>	1026.0.0.1110	MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>LW335</b>	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>LW342</b>	Refer to LW345	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
<b>LW345</b>	515.0.0.11102	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
Note:	1. Can't support dual-stream at H264,1920x1080 (or above), over 20fps										
<b>LW352</b>	1030.0.0.1111	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	
<b>LW355</b>	Refer to LW352	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>LW6324</b>	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>LW6354</b>	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>LW6424</b>	Refer to LW345	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
<b>LW6454</b>	Refer to LW345	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
<b>LW9226</b>	774.0.0.12112	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
<b>LW9226I</b>	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>LW9228</b>	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>LW9228I</b>	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>LW9422</b>	1632.0.0.1205	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	
Note:	<p>For LW9422:</p> <ol style="list-style-type: none"> <li>1. PTZ will stop automatically when press button over 10sec.</li> <li>2. Focus Near / Far need setup the Focus mode in camera's OSD</li> <li>3. Adjust zoom speed is useless</li> <li>4. Can't support dual-stream at H264,1920x1080 (or above), over 20fps</li> </ol> <p>For LW9226 :</p> <ol style="list-style-type: none"> <li>1. PTZ will stop automatically when press button over 10sec.</li> <li>2. Focus Near / Far need setup the Focus mode in camera's OSD</li> <li>2. Audio out impedance is too large.</li> </ol> <p>For LVS201:</p> <ol style="list-style-type: none"> <li>1. QCIF has image noise at the bottom line.</li> </ol>										

Lilin



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>IPD2220ES</b>	1.0.489	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
<b>IPG1022ESX</b>	1.0.489	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPG1022ES</b>	1.0.489	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
<b>IPR320ESX</b>	1.0.489	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
<b>IPR434ESX</b>	1.0.488	H.264 MJPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
<b>IPR7424ESX</b>	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**

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>PVC2300</b>	V1.1.0 (xVC2300_FW_	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_	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	-	Yes	-	
Note:	PTZ is only supported by external RS-485 device.										



# Lumenera



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

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

# Messoa



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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>NDF821</b>	Refer to NDR891 (AP_01-00-60-25A_MS02)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes*	Supported by design
<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_01-00-60-25A_MS02)	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>NCR858</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>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 4.Not support auto detection 5.Setup bit rate of MPEG4 will response wrong parameter										

# Messoa



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<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>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 4.Not support auto detection 5.Setup bit rate of MPEG4 will response wrong parameter										
<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	-	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.Not support dual stream on 1080P										

Mobotix



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
D12D-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
D12D-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	Supported by design
D14D-Sec	MX-V4.1.0.2	MxPEG M-JPEG	1	2048x1536	1-way	-	-	-	-	Yes	
D22M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
D22M-IT	MX-V3.4.0.9	MxPEG M-JPEG	1	640x480	1-way	2/2	-	Yes	-	Yes	Supported by design
D22M-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	Supported by design
D24M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
D24M-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
D24M-Sec	MX-V4.0.1.15 (2009-07-20)	MxPEG M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	
M10D	M10-V2.2.2.17	MJPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
M12D-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
M12D-Sec	MX-V3.4.0.9	MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
M12D-Web		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	Supported by design
M22M-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
M22M-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	Supported by design
M24M-Sec	MX-V4.0.4.28	MxPEG M-JPEG	1	2048x1536	1-way	-	-	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										
Q22M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
Q22M-Sec	MX-V3.4.5.10	MxPEG M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
Note:	Q22M-Basic and Q22M-Sec are fisheye camera										
Q24M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
Q24M-Sec	MX-V4.0.1.7	MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
Note:	Q24M-Basic and Q24M-Sec are fisheye camera										
T24M-Sec	MX-V4.0.4.19	MxPEG M-JPEG	1	2048x1536	1-way	7/3	-	Yes	-	Yes	
Note:	For display mode, please set on the Mobotix web setting page first.										

NetworkCamera											
Network Camera											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>3MP_BOX</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>3MP_FD</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>3MP_IR</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>3MP_VD</b>		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>C3000</b>	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	*1	Yes	
<b>C3000-W</b>	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	*1	Yes	
Note:	C3000 and C3000-W not support UPnP by camera FW issue.										
<b>GE-100-CB</b>	v1.0.0.15	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
<b>GP-100-CB</b>	v1.0.0.13	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
<b>WGE-100-CB</b>	v1.0.0.13	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
<b>WGP-100-CB</b>	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**



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>HVS-D1-V3</b>	1.00.09.5066	H.264 M-JPEG	1	720x576	1-way	1	1	*1	Yes	Yes	
Note:	support video only										

# On Electronics



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>CFB-13MP</b>		H264 MJPEG MPEG4	1	1280x1024	1-way*2	1/1	-	*2	*2	Yes	Supported by design
<b>CFB-20MP</b>		H264 MJPEG MPEG4	1	1920x1080	1-way*2	1/1	-	*2	*2	Yes	Supported by design
<b>CFB-30MP</b>		H264 MJPEG MPEG4	1	2048x1536	1-way*2	1/1	-	*2	*2	Yes	Supported by design
<b>CFV-13MP/LIR35</b>		H264 MJPEG MPEG4	1	1280x1024	1-way*2	1/1	-	*2	*2	Yes	Supported by design
<b>MDV-13MP/LIR20</b>		H264 MJPEG MPEG4	1	1280x1024	1-way*2	1/1	-	*2	*2	Yes	Supported by design
<b>MDV-20MP-AV</b>		H264 MJPEG MPEG4	1	1920x1080	1-way*2	1/1	-	*2	*2	Yes	Supported by design
<b>MDV-30MP</b>		H264 MJPEG MPEG4	1	2048x1536	1-way*2	1/1	-	*2	*2	Yes	Supported by design



ONVIF



Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
BOSCH	NWC-0455	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.

Panasonic



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	
BB-HCM715		H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
BB-HCM735	1.05-03 (100303-02)	H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCS301		M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
BL-C1		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
BL-C10		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Yes	Supported by design
BL-C101	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes	
BL-C111	3.10R01	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
BL-C121	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	

<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	
<b>BL-C230</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	Supported by design
<b>BL-C30</b>		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Yes	Supported by design
<b>KX-HCM110</b>		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
<b>KX-HCM280A</b>		M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>DG-NF282</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	Supported by design
<b>DG-NF302</b>	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	-	Supported by design
<b>DG-NP240</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	Supported by design
<b>DG-NP244</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
<b>DG-NP304</b>	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
<b>DG-NS202</b>		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>DG-NS202A</b>	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
<b>DG-NS950</b>	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>DG-NS954</b>	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>DG-NW960</b>	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>DG-NW964</b>	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>DG-SF334</b>	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.										
<b>DG-SW155</b>	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
<b>WJ-GXE500</b>	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.										
<b>WJ-NT304</b>	1.04	M-JPEG	4	640x480	-	-	Yes	-	-	Yes	
<b>WJ-NT314</b>		M-JPEG	4	640x480	1-way	-	Yes	-	-	Yes	Supported by design
<b>WV-NF284</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
<b>WV-NF302</b>	1.40E4_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	

<b>WV-NM100</b>		MPEG4 M-JPEG	1	640x480	-	-	Yes	-	-	Yes	Supported by design
<b>WV-NP1000</b>		M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
<b>WV-NP1004</b>	1.21	M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
<b>WV-NP240</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
<b>WV-NP244</b>		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
<b>WV-NP304</b>	1.50E5_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
<b>WV-NP472</b>		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
<b>WV-NP502</b>	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
<b>WV-NS202</b>		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-NS202A</b>	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-NS324</b>		M-JPEG	1	640x480	-	-	Yes	Yes	-	Yes	Supported by design
<b>WV-NS950</b>	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<b>WV-NS954</b>	1.06E0	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
Note:	Audio is abnormal in MPEG4 format.										
<b>WV-SC384</b>	1.46	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~3/0~1	Yes	Yes	-		Supported by design
<b>WV-SC385</b>	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	
<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-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	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-SP102</b>		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
<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
<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>	Refer to ST165	MJPEG H264	1	800x600	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
<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
<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 ST165	MJPEG H264	1	800x600	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
<b>WV-SW174W</b>	Refer to ST165	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
<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 is compatible with WV-SW316										
<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	-		
<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-SW559</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

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
D5118	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.										
D5220	1.8.3.8-20121119.9320-A1.8614	H264 JPEG	1	1920x1080	*1	*1	Yes	*1	-	Yes*	
Note:	<ol style="list-style-type: none"> <li>D5220 preset point name can't be changed, and would not sync with camera's web.</li> <li>fps would not reach its setting when resolution or quality is high.</li> <li>Need turn off second profile on web then parameter setting can be changed normally.</li> <li>D5220 would cause Mainconsole unstable when changing protocol. (UDP-&gt;HTTP, HTTP-&gt;UDP)</li> </ol>										
IL10	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.										
IM10	1.8.2.18-20121109-1.8272-	H264 JPEG	1	1280x960	*1	-	Yes	*1	-	Yes*	
Note:	<ol style="list-style-type: none"> <li>fps would not reach its setting when resolution or quality is high.</li> <li>IM10 need turn off second profile on web then parameter setting can be changed normally.</li> </ol>										

**PiXORD**



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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 trigger time will delay about 3 secs Audio has some noise.										



**Probe**



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Dual Stream Support	Remarks
<b>PIC-H2010</b>	v1.0.4_201210	H.264	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes	
<b>PID-H1300</b>	v1.0.1_201210	H.264	1	1280x720	1-way	1/1	-	Yes	-	-	Yes	
<b>PIN-H1310</b>	v1.0.1_201210	H264	1	1280x720	1-way	1/1	-	Yes	-	-	Yes	
<b>PMI-H2000</b>	v1.0.2_201209	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:	Current Probe FW no support Video Parameter Setting											

# Rover



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>RV01AD</b>		H264 M-JPEG	1	D1	1-way	2/2	Yes	Yes	-	Yes	Supported by design
<b>RV01AT</b>		H264 M-JPEG	1	D1	1-way	2/2	Yes	Yes	-	Yes	Supported by design
<b>RV04AD</b>		H264 M-JPEG	1	D1	1-way	4/4	Yes	Yes	-	Yes	Supported by design
<b>RV1WAD</b>	V1.0.30_RO	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
<b>RV1WAG</b>		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>RV19BMVP</b>		H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>RV19BMVIR</b>		H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>RV79AD</b>		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>RV7RAD</b>		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>RV7RAG</b>		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>RV81AD</b>		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>RV81AG</b>		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
<b>RV84AM</b>		H264 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Supported by design
<b>RV84AV</b>		H264 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
<b>RV87ZA</b>		H264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design

Saerim



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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-ISS4032Z28V	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
SR-NXE3055VR	XNET.N1-1.02.13.0204	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Supported by design

Note:

For SR-IGC2050F, SR-IDC4050F, SR-IDC4050IR, SR-IDC4050VF, SR-IDC4050VR, SR-IVC5055VR and SR-IXC2050IR:  
 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.

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.

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.

Samsung



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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>	S/W : 1.00_120114 ISP : 1.11	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	Yes	-	Yes	Test by link
<b>SNB-5000</b>	v1.33_110218	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>SNB-5001</b>	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	
<b>SNB-6003</b>											
<b>SNB-6004</b>											
<b>SNB-7000</b>	Refer to SNB-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>	1.00_121005	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	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.										
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/F</b>	refer to SNB-3002	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	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>	v2.00_110608	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>SND-6083</b>											
<b>SND-6084</b>											
<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.										
<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	
Note:	Sometimes can't get correct UI setting because camera response time too long.										
<b>SNO-1080R</b>	1.00_120125	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	Yes	Test by link
<b>SNO-5080R</b>	v1.00_110514	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
<b>SNO-7080R</b>	S/W : 1.00_110720 ISP : 0.50	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Test by link
<b>SNP-3120/V</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

<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 Motion B/D : 0.86	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-5200 is compatible with SNP-5200H 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-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	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>SNP-6200HP</b>	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>SNP-6200P</b>	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
<b>SNV-1080</b>	Refer to SNO-1080R	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
<b>SNV-1080R</b>	Refer to SNO-1080R	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 SNB-3082	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	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>		H.264 MPEG4	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Supported by

		M-JPEG										design
<b>SNV-5080R</b>	v1.00_110421	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes		
Note:	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-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>	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes		Supported by design
<b>SNV-7082</b>	1.00_120912	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes		
Note:	Sometimes can't get correct UI setting because camera response time too long.											
<b>SNZ-5200</b>	v1.05_111216	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes		
<b>SPE-100</b>	v1.19_110317	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	4	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											

# SANTEC



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SNC-3302	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
SNC-3305	v1.0.2.386	H.264 M-JPEG	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.										
SNC-3322	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										
SNC-3342	1.0.0.11	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes*	
SNC-3901MDN	5.2.3	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes*	
SNC-3903M	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.										
SNC-390DN/W	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.										
SNC-4302	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
SNC-5211MIR	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
SNC-5211R/W	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes*	
SNC-5312IR	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
SNC-5312MIR		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design



# SANTEC



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SNC-5315IR	Refer to SNC 6315IRH(v1.0.2.386)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
SNC-565IR/W	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes*	
SNC-6163ID		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
SNC-620/W	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	Yes*	Tested by manufacturer
SNC-6201M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
SNC-6202	Refer to SNC 3302(v1.0.3.447)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
SNC-6212IR	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
SNC-6221MIR	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
SNC-6223MIR		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
SNC-6301M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
SNC-6302	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.										
SNC-6303M		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
SNC-6312IRH	v1.0.2.386	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	

# SANTEC



Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SNC-6315IRH	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.										
SNC-6332	1.0.0.10	H.264 M-JPEG	1	1600x1200	1-way	4/1	-	-	Yes	Yes*	
SNC-670ID/W	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	Yes*	Tested by manufacturer
SNC-8322I/HO	v1.0.3.447	H264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
SNC-P3601M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
SNC-P3603M		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)										
SVS-1100	1.1.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes*	
SVS-3001		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	Dual 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 VCC-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
VCC-HD5600	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										

Shany



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>SNC-21XX</b>	BgWT8130035f 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>	BgWT8202715f 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>	BgWT8300036f 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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Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
Generic	1.7.0	H.264 M-JPEG	1	All	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	For G6 model only. 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-CH110	1.27.00	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes*	
Note:	SNC-CH110/B and SNC-CH110/S are compatible with SNC-CH110											
SNC-CH120	1.80	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	Yes	
Note:	SNC-CH120 not support SolidPTZ mode.											
SNC-CH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CH160	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes*	
SNC-CH180	1.26.01	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CH210	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.											
SNC-CH220	1.21.02	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes*	
SNC-CH240	1.10.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CH260	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.											
SNC-CH280	1.26.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CM120	1.00	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes*	

**Sony****SONY**

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
SNC-CS10		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
SNC-CS11	1.05	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes*	
SNC-CS20		MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Yes*	Supported by design
SNC-CS3		M-JPEG	1	736x480	-	1/2	-	-	-	Yes	Yes*	Supported by design
SNC-CS50	2.21	MPEG4 M-JPEG	1	640x480	1-way	2/2	-	Yes	-	Yes	Yes*	
SNC-CX600W	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>											
SNC-DF50	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DF70	1.17	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DF80	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DF85		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	Supported by design
SNC-DH110	1.27.02	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes*	
Note:	SNC-DH110/B and SNC-DH110/W are compatible with SNC-DH110											
SNC-DH110T	Refer to SNC-DH110	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes*	Supported by design
Note:	SNC-DH110T/B and SNC-DH110T/W are compatible with SNC-DH110T											
SNC-DH120	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.											

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Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
<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.											
<b>SNC-DH160</b>	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes*	
<b>SNC-DH180</b>	1.10.02	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes*	
<b>SNC-DH210</b>		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes*	Supported by design
Note:	SNC-DH210/B and SNC-DH210/W are compatible with SNC-DH210											
<b>SNC-DH210T</b>	1.27.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes*	
Note:	SNC-DH210T/B and SNC-DH210T/W are compatible with SNC-DH210T											
<b>SNC-DH220</b>	1.50.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Yes*	
<b>SNC-DH220T</b>	Refer to SNC-DH220	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Yes*	Supported by design
<b>SNC-DH240</b>	1.11.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes*	
<b>SNC-DH260</b>	1.30.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes*	
<b>SNC-DH280</b>	1.26.01	H.264 MPEG4 M-JPEG	1	1921x1440	1-Way	1/2	-	Yes	-	Yes	Yes*	
<b>SNC-DM110</b>		MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes*	Supported by design
<b>SNC-DM160</b>	1.01	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes*	
<b>SNC-DS10</b>	1.01	H.264 MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Yes*	
<b>SNC-DS60</b>	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
<b>SNC-EB630</b>	1.9.2	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	



**Sony****SONY**Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual 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-EM600</b>	1.9.2	H.264 M-JPEG	1	1280x1024	-	-	-	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-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>	1.51.00	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-ER585</b>	1.78.00	H.264 MPEG4 M-JPEG	1	1920x1080	*2	*2	Yes	Yes	-	*2	Yes	Tested by link
<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*	

**Sony****SONY**

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
SNC-RH124	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	Yes*	
SNC-RH164	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	Yes*	
SNC-RS44N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RS44P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RS46N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RS46P	1.10.02	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes*	
SNC-RS84N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RS84P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RS86N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RS86P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RX530	3.00	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes*	
SNC-RX550		H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-RX570	3.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes*	
SNC-RZ25	1.29	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes*	
SNC-RZ30	3.14	M-JPEG	1	736x480	-	3/2	Yes	-	-	Yes	Yes*	
SNC-RZ50	2.21	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes*	

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Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
<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>											
<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 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-VB630</b>	1.7.0	H.264 M-JPEG	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>											
<b>SNC-VM600</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>											
<b>SNC-VM600B</b>	Refer to SNC-VB600B(FW 1.7.0)	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>											
<b>SNC-VM630</b>	1.9.2	H.264 M-JPEG	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>											
<b>SNC-Z20</b>	1.06	M-JPEG	1	736x480	-	1/2	Yes	-	-	Yes	Yes*	
Note:	PTZ Support: zoom only.											
<b>SNT-EP104</b>		H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Yes*	Supported by design

**Sony****SONY**

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
SNT-EP154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Yes*	
SNT-EX101		H.264 MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes	Yes*	Supported by design
SNT-EX101E	1.10.01	H.264 MPEG4 M-JPEG	1	PAL: 720x576 NTSC: 720x480	1-way	2/2	Yes	Yes	-	Yes	Yes*	
SNT-EX104	1.10.01	H.264 MPEG4 M-JPEG	4	PAL: 720x576 NTSC: 720x480	1-way	4/4	Yes	Yes	-	Yes	Yes*	
SNT-EX154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	-	Yes	Yes*	
SNT-V704	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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Dual Stream Support	Remarks
IPS54/70DN/Z	refer to IPS54/70DN/ZR1	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/70DN/Z	v1.6_build04401	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	
IPS54/70DR/Z	refer to IPS54/70DN/ZR1	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/70DR/Z	refer to IPS54/70DN/ZR1	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/71DN/Z	refer to IPS54/70DN/ZR1	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/80DR	refer to IPS54/70DN/ZR1	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_build04401	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_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPC54/20DN	1.6_build044011	H.264 M-JPEG	1	704x576	1-way	-	-	Yes	-	Yes	-	
SN-IPC54/31EDN	refer to SN-IPV54/31UDR (v1.6_build04401)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPC54/40EDN	v1.6_build04401	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_build04401	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

<b>SN-IPD54/14VDN</b>	refer to IPD54/12VDN (v1.6_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPD54/14VDR</b>	refer to IPD54/12VDN (v1.6_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPD54/31VDN</b>	refer to SN-IPV54/31UDR (v1.6_build04401)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPD54/31VDR</b>	refer to SN-IPV54/31UDR (v1.6_build04401)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPD54/40VDN</b>	refer to SN-IPC54/40EDN (v1.6_build04401)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/11AKDN</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/11ALDN</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/11ANDN</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/11DN</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/12AKDN</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/12ALDN</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/12ANDN</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/12DN</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/14AKDN</b>	refer to IPD54/12VDN (v1.6_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/14APDN</b>	refer to IPD54/12VDN (v1.6_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/31AKDN</b>	refer to SN-IPV54/31UDR (v1.6_build04401)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/31APDN</b>	refer to SN-IPV54/31UDR (v1.6_build04401)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/40AKDN</b>	refer to SN-IPC54/40EDN (v1.6_build04401)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/40APDN</b>	refer to SN-IPC54/40EDN (v1.6_build04401)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPR54/50DN</b>		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>SN-IPS54/60DN/Z</b>		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	Supported by design
<b>SN-IPS54/60DN/Z</b>	v1.6_build04401	H.264 M-JPEG	1	704x480	1-way	-	Yes	Yes	-	Yes	Yes	

<b>SN-IP554/60DN/Z</b>		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	Supported by design
<b>SN-IPV54/11DN</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/11DR</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/11UDN</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/11UDR</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/11ZDR</b>	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/12DN</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/12DN</b>		H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	-	Supported by design
<b>SN-IPV54/12DR</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/12UDN</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/12UDR</b>	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/12ZDR</b>	refer to IPD54/12VDN (v1.6_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/14UDR</b>	refer to IPD54/12VDN (v1.6_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/14ZDR</b>	refer to IPD54/12VDN (v1.6_build04401)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
<b>SN-IPV54/31UDN</b>	v1.6_build04401	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_build04401)	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_build04401)	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_build04401)	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_build04401)	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>VSR54/01</b>	v1.6_build04401	H.264 M-JPEG	1	D1	1-way	2-1	Yes	Yes	-	-	Yes	
Note:	IP554/70DN/ZR18: Changing MJPEG resolution may get Fail message due to camera FW issue.											
Note:	SN-IPD54/12VDN: Can't test DI due to HW broken.											




Note:	SN-IPC54/40EDN 1. MJPEG 2592x1920 by camera FW issue. 2. Camera will reboot when MJPEG 2048x1536 and quality 9 by camera FW issue.
Note:	SN-IPS54/60DN/Z18/WI: 1.Audio, MD, PTZ function only test by SN-IPS54/60DN/Z18/WI and v1.6_build044013_040 firmware. 2.Dualstream may not connect sometimes when accessing camera too frequency.
Note:	SN-IPV54/50DR: Implement with ONVIF protocol v1.02.
Note:	Due to the limitation of ONVIF protocol, ONVIF search works only as cameras keep default administrator name and password.
Note:	Do not support I/O due to camera FW limitation.
Note:	VSR54/01: 1. Autodetect fail due to camera FW issue. 2. Changing MJPEG resolution may get Fail message due to camera FW issue. 3. DI can't work correctly due to camera FW issue.

Telview



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>IPB612P-ICR</b>	1.0.32	M-JPEG H.264	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPB630P-ICR</b>	1.0.32	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPD612-VP-VF-IR</b>	1.0.32	M-JPEG H.264	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPD630-VP-VF-IR</b>	1.0.32	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPE600</b>	1.0.32	M-JPEG H.264	1	640x480	1-way	0/0	-	Yes	Yes	Yes	Supported by design
<b>IPW612</b>	1.0.32	M-JPEG H.264	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPW630</b>	1.0.32	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPW630P</b>	1.0.32	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>IPZ611</b>	1.0.32	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
<b>VIS611</b>	1.0.32	H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>VIS614</b>	1.0.32	H.264 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
<b>VIT621</b>	1.0.32	H.264 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design

Techson											
											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
TCIP-213WDRMDN		H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-220MDN		H.264 MPEG4 MJPEG	1	1920*1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-230WDRMDN		H.264 MPEG4 MJPEG	1	2048*1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-D213WDRDN		H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TC-IP213WS	CgWT505PSV2 V26 130508CE	H.264 MPEG4 MJPEG	1	960x480	1-way	1/1	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	1920*1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-D230WDRDN		H.264 MPEG4 MJPEG	1	2048*1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD213WDRM		H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD220MDN		H.264 MPEG4 MJPEG	1	1920*1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD230WDRM		H.264 MPEG4 MJPEG	1	2048*1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LPro213WDR		H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-Typ213MDN2	AgWT8131322 V30 1302255F	MPEG4 M-JPEG H.264	1	1280*1024	*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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>TC-NH9106S2-MP</b>	NVSSv3.0.1_20	H.264 MJPEG	1	1280x720	1-way	-	yes	-	-	-	
note	Not support Dualstream, ONVIF event (MD, I/O)										
<b>TC-NS324S2-V2.1</b>	NVSSv3.0.1_20	H.264 MJPEG	4	704x288	1-way	-	-	-	-	-	

Toshiba

**TOSHIBA**

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	

**TRUEN**



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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-352 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	
<b>TCAM-531BIR</b>		H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Supported by design
<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-551</b>		H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Supported by design
<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)										

UDP



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IP1100		H.264 MPEG4 M-JPEG	1	720x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP3100		H.264 MPEG4 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP3500		H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP3500M	1.6.7	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
IP4100	1.6.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	Yes	Yes	
IP5500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP6500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPN100HD	1.4.0.11	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
IPN1202HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN2102HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN302HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3102HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3202HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3502HD	1.4.0.11	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3502HDI	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN4602HD	Refer to IPX4202HD (1.4.1.8)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
IPN6602HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN6802HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPX3302HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPX3702HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPX4202HD	1.4.1.8	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
NVC1000	1.6.7	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	
NVC4000	1.6.7	H.264 MPEG4 M-JPEG	4	720x576	1-way	2/1	Yes	Yes	Yes	Yes	
Note:	1. NVC4000-R12 and NVC4000-R40 are compatible with NVC4000 2. NVC4000 is 4IP x 4channels video server										
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



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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										



# Vision Hi-Tech



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<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>	IP VISION 1.1.0.16 20120316	MJPEG H264	1	1280x720	1-way	1/1	-	Yes	-	Yes	
<b>VISION M3i</b>	IP VISION 1.1.0.16 20120316	MJPEG H264	1	1920x1080	-	1/0	Yes	Yes	-	Yes	
Note:	VISION M3i : Real max resolution of M3i is 1920x1088. Some M3i sub modeltype like VN7XSM3i has support PTZ. But VDA110SM3i not.										
<b>VISION NVS102</b>	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	1-way	1/1	Yes	Yes	-	Yes	
Note:	VISION NVS102: Support both of NTSC/PAL, but can be switched only on camera web. PTZ speed : pan setting = tilt setting. Change one of pan or tilt, and then the other will change, too.										
<b>Vision SM3Ti</b>	VISION 1.1.2.6 20130102	H264	1	QXGA	1-way	1/1	-	Yes	-	Yes	
Note:	Sometimes can't get camera parameter normally due too camera response too slow, but there is chance to recover after reboot. Audio may discontinuously under high resolution, framerate and bitrate settings.										

# Vista



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>VK2-1080VRD</b>	2.2.64	H.264 M-JPEG	1	1920x1080	1-way	2/0	-	Yes	Yes	Yes	
<b>VK2-2MPVRD</b>	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.										
<b>VK2-540VRD</b>	2.1.8-release	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	Yes	
<b>VK2-600PTZ</b>	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.										
<b>VK2-VGAVFD</b>	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.										
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.										

# VIVOTEK



Dual stream support Yes\*\*: support JPEG format  
 Dual stream support Yes\*: support MPEG4 format  
 Dual stream support Yes: support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
AF5127	Refer to FE8172	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	Yes	*2	Yes	Supported by design
AF5127V	Refer to FE8172	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	Yes	*2	Yes	Supported by design
Note:	AF5127 and AF5127V are fisheye camera										
AB5353H	Refer to IP8335H	H.264 MPEG4 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes	Supported by design
BB5315	Refer to IP8335	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
BB5116	Refer to IP8161	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
BD5115	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
CC8130	0100d	H.264 M-JPEG	1	1280x800	1-way	0/0	-	Yes	Yes	Yes	
Note:	fisheye camera										
FD61x1		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	-	Supported by design
FD61x2		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	-	Supported by design
FD7130	0100e	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes*	
FD7131		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
FD7132	0100f	MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes*	
FD7141	0100g	MPEG4 M-JPEG	1	720x480	-	1/1	-	Yes	Yes	Yes*	
Note:	MPEG4: Unable to connect through HTTP.										
FD7160		MPEG4 M-JPEG	1	1600x1200	-	-	-	Yes	Yes	Yes*	Supported by design
FD8131	Refer to FD8133	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design

# VIVOTEK



Dual stream support Yes\*\*: support JPEG format  
 Dual stream support Yes\*: support MPEG4 format  
 Dual stream support Yes: support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
FD8131V	0300d	H.264 MPEG4 M-JPEG	1	1280x800	-	*2	-	Yes	*2	Yes	
FD8133		H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
FD8133	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
FD8134	0100e	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	
Note:	FD8134-SS and FD8134-V are compatible with PD8134										
FD8135H	0202C	MPEG4 M-JPEG H.264	1	1280x800	-	3/1	-	Yes	Yes	Yes	
Note:	FW will casue I/O status incorrect and wrong resolution list										
FD8136	0100f	MPEG4 M-JPEG H.264	1	1280x800	1-way	1/0	Yes	Yes	Yes	Yes	Tested by link
FD8151V	0100c	H.264 M-JPEG	1	1280x1024	1-way	*2	-	Yes	*2	Yes	Tested by link
FD8161	0100h	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
FD8162	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
FD8163	0101b	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Tested by link
FD8164	0100d	H.264 M-JPEG	1	1920x1080	1-way	1/0	-	*2	*2	Yes	Tested by link
FD8166	0100g	H.264 M-JPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	
FD8335H	0101a	H.264 MPEG4 M-JPEG	1	1200x800	1-way	3/1	-	Yes	Yes	Yes	Tested by link
FD8361	0100d1	H.264 MPEG5 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
Note:	FD8361L is compatible with PD8361										

# VIVOTEK



Dual stream support Yes\*\*: support JPEG format  
 Dual stream support Yes\*: support MPEG4 format  
 Dual stream support Yes: support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
FD8362	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
FD8362E	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
FD8363	0101b	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Tested by link
FD8372	0100f	H.264 MPEG4 M-JPEG	1	2560x1920	1-way	3/1	-	Yes	Yes	Yes	Tested by link
Note:	Mpeg4 support first 2 maximum resolutions are 1920x1920 & 1920x1536										
FE8171	0100d	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
Note:	fisheye camera										
FE8172	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, motion detection. 7. Fisheye camera										
FE8172V	Refer to FE8172	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	-	*2	Yes	
FE8173	0100c	H.264 MPEG4 M-JPEG	1	1536x1536	1-way	*2	-	Yes	*2	Yes	
Note:	fisheye camera										
Generic	0101b	H.264 MPEG4 M-JPEG	1	All	1-way	8/8	Yes	Yes	Yes	Yes	
IP21x1		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design
IP21x2		M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP3132		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IP3133		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP3135		H.263	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
IP3135-PLNK		H.263	1	720x576	1-way	1/2	-	Yes	Yes	-	Supported by design
IP3136		H.263	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
IP3136-PLNK		H.263	1	720x576	1-way	1/2	-	Yes	Yes	-	Supported by design
IP3137		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP31x1		H.263	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design
IP31x1TLFN		H.263	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design
IP31x2		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP31x7		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP51x2		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP51x4		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP6114		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP6124		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP61x2		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP61x4		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IP61X7		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7130	0100c	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	
IP7131		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7132		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7133	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes*	
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*	

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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
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	-	1/0	-	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	



# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Note:	IP8152: CGI return a wrong PTZ capability										
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. IP8162-SS and IP8162P 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 3. MJPEG not support audio, Not support AAC audio										
IP8172	0100a0	MPEG4 M-JPEG H.264	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes	
IP8173H	0100i	MPEG4 M-JPEG H.264	1	2048x1536	1-way(*2)	1/0(*2)	*2	Yes	*2	Yes	
IP8330	0100e	H.264 MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	Yes	
IP8331	0100c	H.264 MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	Yes	
IP8332		H.264 MPEG4 M-JPEG	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										
IP8337H-C	0100b	H.264 M-JPEG	#####	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.										
IP8361	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Tested by link

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IP8362	0100d	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	Supported by design
IP8336W	0102b	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0(*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
IZ7151		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes+	Supported by design
Note:	PTZ Support: zoom only.										
MD7530	0100d	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes+	
MD7560	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	Yes	
MD7560X	Refer to MD7560	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	Yes	Supported by design
MD8562	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.										
PD8136	0100e	H.264 MPEG4 M-JPEG	1	1280x800	1-way	0/0	Yes	Yes	*2	Yes	
Note:	PD8136: No support zoom.										
PT3134		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
PT31x2		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
PT31x3		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
PT31x4		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
PT31x7		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
PT7000		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design
PT7135		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design
PT7137		MPEG4	1	704x576	1-way	-	Yes	Yes	Yes	-	Supported by design
PT8133	0100g	MPEG4 M-JPEG H.264	1	1280x800	1-way	-	Yes	Yes	Yes	Yes	Tested by link
PZ61x2		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
PZ61x4		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
PZ7131	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes*	
PZ7132		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
PZ7151	0101b	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:	MPEG4: Unable to connect through HTTP.										
PZ7152		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
PZ71X1		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
PZ71X2		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
PZ81x1	0100e	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	
PZ81x1W	Refer to PZ81x1	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	Supported by design

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SD61x2		MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	-	Supported by design
SD7151	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.										
SD73X3		MPEG4 M-JPEG	1	704x576	1-way	4/1	Yes	Yes	Yes	Yes*	Supported by design
SD81X1	0100e	MPEG4 M-JPEG	1	704x576	1-way	4/1	Yes	Yes	Yes	Yes*	
Note:	1. SD81x1-SS is compatible with SD81x1 2. SD81X1 : Audio, I/O, Upnp can't testing by link										
SD8362E	0104a	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Tested by link
Note:	1. SD8362 and SD8362E-SS is compatible with SD8362E 2. SD8362E : Audio, I/O, Upnp can't testing by link										
SD8363E	0200d	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	*2	Yes	Yes	*2	Yes	
SD83x1E	Refer to SD83x3	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	Supported by design
Note:	SD83x1E and SD83x2E are detected as SD83x3										
SD83x2E	Refer to SD83x3	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	Supported by design
Note:	SD83x1E and SD83x2E are detected as SD83x3										
SD83x3	0102d	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	
Note:	SD83x3E-SS and SD83x3E are compatible with SD83x3										
SD83x4	0200c	H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
SD83x6	0200c	H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	Yes	Yes	

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SF8172	0100d	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	-	Yes	Yes	Yes	
SF8172V	Refer to SF8172	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. 3. The first 1080p stream connection to camera can reach up to 30 fps, but the second 1080p stream connection can't. It is because of the constrain by CPU decode performance of camera.										
TC5331		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
TC5630		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
TC5631		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
VS2101		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design
VS2401		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
VS2402		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
VS2403	0103b	M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	-	
VS3100		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
VS3101		H.263	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design
VS3102		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
VS3102-XLTH		H.263	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
VS7100	0101e	MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes	Yes	Yes*	

# VIVOTEK



Dual stream support Yes\*\* : support JPEG format  
 Dual stream support Yes\* : support MPEG4 format  
 Dual stream support Yes : support H.264 format  
 - : not available on camera  
 \*2: not test on software

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Note:	MPEG4: Unable to connect through HTTP.										
VS8102	0202c2	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
VS8401	0201b	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	-	Yes	
VS8801	0100h	H.264 MPEG4 M-JPEG	8	720x480	1-way	8/8	Yes	Yes	-	Yes**	*
Note:	Audio: All cameras don't support AAC audio codec, but GSM-AMR.										

Yudor



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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.										

Zavio



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual 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	Supported by design
<b>B7320</b>											
<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>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_a	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
<b>D5113</b>	M2.1.6.01	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	
<b>D520E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D5210</b>	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										
<b>D610A</b>	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>D6111</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D611E</b>	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<b>D7110</b>	MG.1.6.03P7_a	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	-	Yes	Yes	



<b>D7111</b>	Refer to D5113	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>D7210</b>	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										
<b>D7320</b>	M3.1.5.05	H.264 M-JPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	Yes	
Note:	Talk function can not work due to firmwave issue.										
<b>F1100</b>	Refer to F1105	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>F1105</b>	BP.1.6.01_C1	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
<b>F210A</b>	LM.1.6.15	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
<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	
<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	
<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	
<b>F3206</b>	M2.P2P_0314	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	-	Yes	Yes	
<b>F3210</b>											
<b>F5100</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F5105</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F510E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design

<b>F510W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F5110</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F5115</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F511E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F511W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F520E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F521E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F531E</b>	LM.1.6.18P9_t	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	-	Yes	Yes	Supported by design
<b>F610A</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F611E</b>	LM.1.6.16.007	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>F7110</b>	MG.1.6.03P3_r	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	
<b>F7115</b>	Refer to F7110	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>F7210</b>	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.										
<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_C1	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>P5115</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	PTZ Support: pan and tilt only										
<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.										

# 3Svision



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
<b>N3071</b>	Refer to 3S N3072	H264 M-JPEG	1	1600x1200	1-way	-	-	Yes	-	Yes	Supported by design
<b>N3072</b>	V1.03_STD-1	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	
<b>N5071</b>	V1.03_STD-1	H264 M-JPEG	1	704x576/704x	1-way	0/0	Yes	Yes	Yes	Yes	
<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>N8072</b>	V1.03_STD-1	H264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	-	Yes	
<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.										



**Compatible ReadyNAS Surveillance devices:**

ReadyNAS 102/104

ReadyNAS 312/314/316

ReadyNAS 516

ReadyNAS 716

ReadyNAS 2120

ReadyNAS 3220

ReadyNAS 4220

Compatible ReadyNAS Surveillance version: 1.4.0 or higher