

ReadyNAS® Surveillance™ Supported Cameras Version 1.3

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

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
ACM4100	A1D-220-V3.09.14-AC	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes		
ACM4200		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM4201		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes		Supported by design
ACM5001		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes		Supported by design
ACM5601	A1D-220-V3.08.08-AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes		
ACM5611		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes		Supported by design
ACM5711	A1D-220-V3.08.08-AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	Yes		
ACM5811	A1D-220-V3.12.13-AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes		
ACM7411	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.											
ACM7511	A1D-220-V3.12.13-AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes		
ACM8201	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.											
ACM8211	A1D-220-V3.09.14-AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes		
ACM8511	A1D-220-V3.11.13-AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	-	Yes		
AMU9401	A1D-220-V3.10.22-NB	MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes		
AMU9711	A1D-220-V3.10.22-NB	MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes		Supported by design
CAM5130		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM5140		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM5150		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM5200		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes		Supported by design
CAM5201		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM5221	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		
CAM5300		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes		Supported by design
CAM5301		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes		Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
CAM5321		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes		Supported by design
CAM5500		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes		Supported by design
CAM6100		MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes		Supported by design
CAM6200	A1D-2.07.14-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes		Supported by design
CAM6220	A1D-2.07.14-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes		Supported by design
CAM6500		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
CAM6510	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		
CAM6520		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
CAM6600		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
CAM6610		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
CAM6620		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
CAM6630		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
CAM7100		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7120		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7200		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7220		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7300		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7301		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7320		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7321		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
CAM7322		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes		Supported by design
KCM3211	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	2-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	KCM3211's PTZ only support Zoom and Focus.											
KCM3311	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	-	-	Yes	Yes	-	Yes	Yes	

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KCM3911	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	2/2	-	Yes	-	Yes	Yes	
KCM5111	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.											
KCM5211	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	On-edge motion: H.264 and MPEG4.											
KCM5211E	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.											
KCM5311	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.											
KCM5311E	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.											
KCM5611	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)											
KCM7111	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.											
KCM7211	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.											
KCM7311	A1D-311-V5.05.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
KCM7911	A1D-311-V5.07.05-AC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	-	-	Yes	
Note:	Dual-Stream Resolution 1280x720											
SED2100		MPEG4	1	720x480	1-way	2/2	-	Yes	-	Yes		Supported by design
SED2120	A1D-M2N-V2.08.11-AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes		
SED2140		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
SED2310Q		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design

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SED2320Q		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
SED2400		MPEG4	2	720x480	1-way	2/2	Yes	Yes	-	Yes		Supported by design
SED2420	A1D-220-V3.08.08-AC	MPEG4	2	720x480	1-way	-	-	Yes	-	Yes		
SED2600		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes		Supported by design
SED2610		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes		Supported by design
SED26X0		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes		Supported by design
TCD2100	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	720x480	-	1/1	Yes	Yes	Yes	Yes	Yes	
TCD2500	A1D-310-V4.06.08-AC	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes	Yes	
TCM1111	A1D-310-V4.12.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	No	-	-	Yes	NO	Yes	Yes	
TCM1231	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM1232		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
TCM1511	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM3001		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
TCM3011	A1D-310-V4.07.10-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM3111	A1D-310-V4.12.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	No	-	-	Yes	NO	Yes	Yes	
TCM3401		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
TCM3411	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM3511	AID-310-V4.06.00-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM4101		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Yes	Supported by design

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Dual Stream Support	Remarks
TCM4201	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM4301	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Yes	Supported by design
TCM4511	A1D-310-V4.12.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	No	-	-	Yes	NO	Yes	Yes	
TCM5001	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM5111	A1D-310-V4.12.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	No	-	-	Yes	NO	Yes	Yes	
TCM5311	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	
TCM5312		H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	Yes	Supported by design
TCM5601	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	Yes	Yes	Yes	Supported by design
TCM5611	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	Yes	Yes	Yes	
TCM6630	A1D-310-V4.12.09-AC	H.264 MPEG4 M-JPEG	1	720x480	1-Way	2/1	Yes	Yes	NO	Yes	Yes	
TCM3111	A1D-310-V4.12.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	No	-	-	Yes	NO	Yes	Yes	
Note:	DI/DO can't work, FW issue											
TCM7011	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Yes	
TCM7411		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	Yes	Yes	Yes	Supported by design
TCM7811	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	Yes	
TMU9811	A1D-310-V4.07.10-NB	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes		
TMU9911	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 two I/O are shown on the interface as adding one channel on video server.											

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Air Live

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
OD-325HD	5.0.2.6495	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
Note:	1. Always can use http port 80 to connect after changing http port by FW issue. 2. Initial 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	Camera Search Tool	Dual Stream Support	Remarks
AT-IMF5736	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.											
AT-IMF5739	1.8.0.7d- 201206071056- DBG	H.264	1	1600x1200	1-way	-	-	Yes	-	-		
Note:	1. 2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200 2. Framerate only support 3~25fps 3. Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720.											
AT-IMF5750	1.8.0.7d- 201206071051- DBG	H.264	1	1600x1200	1-way	-	-	Yes	-	-		
Note:	1. 2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200 2. Framerate only support 3~25fps 3. Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720.											
AT-IMV5756	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.											

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Arecont Vision

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	65201	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	
Note:	AV1115 include D4F-AV1115-3312 and D4S-AV1115-3312											
AV1125	Refer to AV1115	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	Supported by design
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	Refer to AV2125	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	Yes	Yes	Supported by design
Note:	AV2115 include D4F-AV2115-3312 and D4S-AV2115-3312											
AV2116	Refer to AV2125	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	Yes	Yes	Supported by design
AV2125	65201	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	Yes	Yes	
AV2155	64803	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	-	Yes	Yes	
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	65201	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	
Note:	AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312											

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Arecont Vision (continued)

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
AV3116	Refer to AV3115	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	Supported by design
AV3125	Refer to AV3115	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	Supported by design
AV3130	61906	M-JPEG	1	2048x1536	-	-	-	Need to retest	-	Yes	Yes	Supported by design
AV3135	65135	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Yes	
AV3155	65113	H.264 M-JPEG	1	2048x1536	-	-	-	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	65201	H.264 M-JPEG	1	2560x1600	-	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	65113	H.264 M-JPEG	1	2592x1944	-	-	-	Yes	-	Yes	Yes	
AV8180	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Yes	Supported by design
AV8185	64803	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	Yes	Yes	
AV8185DN		H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	Yes	Yes	Supported by design
AV8360	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Yes	Supported by design
AV8365	65026	H.264 M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Yes	Supported by design
AV8365DN		H.264 M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Yes	Supported by design
AV10005	65147	H.264 M-JPEG	1	3648x2752	-	-	-	Yes	-	Yes	Yes	
AV10115	65201	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	-	Yes	Yes	
AV20185DN	65170	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	Yes	
AV20185CO		H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	Yes	Supported by design
Note:	AV20185 include AV20185DN, AV20185CO											

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Arecont Vision (continued)

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
AV20365DN	Refer to AV20185DN	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	Yes	Supported by design
Note:	On-edge motion: turn off the "enable extended on motion detection" function on camera web.											
AV20365CO	65201	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	Yes	Supported by design
Note:	AV20365 include AV20365DN, AV20365CO											
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	
AM2231D	6.C.2.8943	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes		
Note:	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		
Note:	Initial output status will not synchronize to real output voltage by HW issue.											
AM2630D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design	
AM2730D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design	
Note:	All models always can use http port 80 to connect after changing http port by FW issue.											

ARM Electronics

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

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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		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM614		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM615		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM616M		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM619M		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM620		MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
CAM624M		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM625M		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM627M		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM628M		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM630		MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM632		MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM633		MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM634M		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
CAM637M		MPEG4 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM638		MPEG4 M-JPEG	1	640x480	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM639		MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM640		MPEG4 M-JPEG	1	640x480	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM641		MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM642M		MPEG4 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	Supported by design
CAM647		MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
CAM656D		MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
SVR610		MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
SVR611		MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
SVR640		MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design

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AXIS

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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
Q6035		H.264 M-JPEG	1	1280x720	1-way	4/4	Yes	Yes	Yes	Yes	Supported by design
Q6035-E		H.264 M-JPEG	1	1280x720	1-way	-	Yes	Yes	Yes	Yes	Supported by design
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	
Q7414	5.25	H.264 M-JPEG	4	720x576(PAL) 720x480(NTSC)	1-way	1/1	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
BIP-640c		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	Tested by manufacturer
BIP-640c-dn		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1000c		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1000c-dn		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1300c		H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1300c-dn	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.										

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Basler (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
BIP-1600c		H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1600c-dn		H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	Tested by manufacturer
BIP-D1000c-dn		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
BIP-D1300c-dn	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.										
BIP2-D1920c-DN	3.8.0	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	Yes	Yes	
Note:	Not support Audio										

BOSCH

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
NWC-0455	19500410	H.264 M-JPEG	1	704x576	-	-	-	-	-	-	
NDC-274-P	15500552	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note:	On-Edge Motion: H.264 and M-JPEG.										
NDC-274-PT	refer to NDC-274-P	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	

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Brickcom

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
30xN	v3.2.1.0	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	Cover model: WFB-300Np and VD-302Np and MD-300Np MD-300Np is no support DI/DO and one way audio only.										
130N series	v3.1.0.9	H.264 MPEG4 M-JPEG	1	1280x1024	2-way	1/1	Yes	Yes	Yes	Yes	
AM2570D	Covered model:FB-500Ap, WFB-500Ap, CB-500Ap, WCB-500Ap, CB-502Ap, WCB-502Ap, FD-500Ap, FD-502Ap , VD-500Ap, VD-502Ap , OB-500Af switch video resolution higher than 1920x1080 need waiting a period of time to reconnect stream										
50xA series	V3.2.0.3	H.264 MPEG4 M-JPEG	1	2592x1944	2-way	1/1	-	Yes	Yes	Yes	
Note:	Covered model:FB-500Ap, WFB-500Ap, CB-500Ap, WCB-500Ap, CB-502Ap, WCB-502Ap, FD-500Ap, FD-502Ap , VD-500Ap, VD-502Ap , OB-500Af switch video resolution higher than 1920x1080 need waiting a period of time to reconnect stream.										
CB-100Ae	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer
CB-100Ap	v3.0.2.4	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer
FB-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
FB-100Ap	v3.0.2.3	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
FD-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
FD-100Ap	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	
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	2-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	2-way	1/1	Yes	Yes	Yes	Yes	
WCB-100Ae	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer
WCB-100Ap	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	

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Brickcom (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
WFB-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer
WFB-100Ap	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	MPEG4 M-JPEG	1	720x480	2-way	1/1	Yes	Yes	Yes	Yes	
OSD/PZ-040E	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x576	2-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	pm20120222NSA	MJPEG/H264	1	1920x1080	2-way	1/1	-	Yes	Yes	Yes	
BLW-230MP-DS	pm20120222NSA	MJPEG/H264	1	1920x1080	2-way	1/1	-	Yes	Yes	Yes	
BLW-IN220X-S	pm20120222NSA	MJPEG/H264	1	1920x1080	2-way	4/2	Yes	Yes	Yes	Yes	
BLW-IR230MP-DSM	pm20120222NSA	MJPEG/H264	1	1920x1080	2-way	1/1	-	Yes	Yes	Yes	
BLW-IR230MP-SM	pm20120222NSA	MJPEG/H264	1	1920x1080	2-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	pm20120222NSA	MJPEG/H264	1	1920x1080	2-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
B13H	v1.1.0.0	H.264/MPEG4/ M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
C10	refer to C10-W	H.264/MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
C10-W	v1.1.0.0(build2)	H.264/MPEG4/ M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
D13HD	v1.1.0.0	H.264/MPEG4/ M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
W13H	v1.1.0.0(build2)	H.264/MPEG4/ M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	

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Cisco

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
CIVS-IPC-2500	V1.1.3R15	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	-	Yes	-	
CIVS-IPC-2500W	V1.1.3R03	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	-	Yes	-	
PVC-300	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 Technology

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
ISS2765PW		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	Supported by design
ISS2965x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	-	Supported by design
ISSM2063x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	-	Supported by design
IVC5055VF	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Supported by design
IVC5055VR	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Supported by design
IVP4000VR	XNET.A1-1.1.9.1028	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	Yes	Supported by design
IVP4030VR		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	Yes	Supported by design
IXC2050IR	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Supported by design

COP Security

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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CORUM CCTV

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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-265-IO / CS-265-IP / CS-265-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-285-IP / CS-285-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
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-IO / CS-390-IP		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-410-IP / CS-410-IW / CS-415-IP / CS-415-IW		H.264 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Supported by design
CS-270-IO	VB 1.0.28	H.264 M-JPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	-	

Dahua Technology

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
HF3110N		H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes	Supported by design
HF3110P	V2.000, Update 2011.10.22	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes	
HF3211P	V2.000, Update 2011.10.22	H.264 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	
HF3300N	V2.000, Update 2011.10.22	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	
HF3300N-W		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
HF3300P		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
HF3300P-W		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
Note:	Setting preset point doesn't work properly.										
Note:	PTZ is only supported by external RS-485 device.										
SD65XX-HN	2.102.0001.0.D	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.										

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Dahua Technology (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SD69XX-HN	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	Dual Stream Support	Remarks
MPA20M	1.8	H.264 M-JPEG	1	1920x1080	-	-	-	-	Yes	Yes	Yes
Note:	1. MJPEG not support MD 2. FW issue, MJPEG bitrate can't not set over 8192.										
Note:	1. MJPEG not support MD 2. FW issue, MJPEG bitrate can't not set over 8192.										
Note:	1. There are two port settings on camera web, web port and service port. When NVR and camera are located in the same network, you can use this web port as configuring port on NVR. While if NVR and camera are located in different network, you must choose service port. For the latter, "go to web" function on NVR setting page might direct to the wrong url. 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)										

D-Link

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-1130	1.00	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	Supported by design
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-2120(TW)	0201tw	MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	
DCS-2120		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
DCS-2121		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Supported by design

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D-Link (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DCS-2130	1.10.02	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
DCS-3110		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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-3415	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
Note:	Setting preset point doesn't work properly.										
DCS-3420		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
DCS-3716	1.00.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	2/1	RS-485	Yes	Yes	Yes	
DCS-5220(TW)		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design
DCS-5220	0200	MPEG4	1	720x576	1-way	-	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-5610		MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
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-6410	1.00	MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design
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-7510	1.00	MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design
DCS-900	1.00	MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
DCS-910	1.00	MPEG4	1	640x480	-	-	-	-	Yes	-	Supported by design
DCS-920		M-JPEG	1	640x480	-	-	-	-	Yes	-	Supported by design

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D-Link (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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
DVS-104		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
DVS-301		H.263	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design

DYNACOLOR

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
na063	z120120523NSA	H2.264	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Video parameter can't sync with camera web interface, need to refresh the browser 2. Talk quality is not clear 3. Camera doesn't transport sufficient framerate when stream parameter set to high resolution & quality, and camera's response will become slowly.										
NH061-CCD	CCD-camera Fw-100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Camera FW is not stable enough, so camera is likely disconnected after modifying parameters. Current workaround is turning off and on to reboot camera. 2. Remove resolution 1280x720 in H.264 codec due to broken image problem. 3. Known FW issue: audio may be broken in certain operation.										
NH221-CCD	CCD-camera Fw-100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Remove resolution 1280x720 in H.264 codec due to broken image problem. 2. The image is broken badly when configuring to the highest resolution, fps, and quality under H.264/MPEG4 with UDP protocol. 3. Known FW issue: audio may be broken in certain operation.										
NH720-20N1	pm20120222NSA	MJPEG H264	1	1920x1080	1-way	4/2	-	Yes	Yes	Yes	
NH820-20N1	pm20120222NSA	MJPEG H264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
nv053	pm20120222NSA	MJPEG H264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
nv063	pm20120222NSA	MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
nv103	pm20120222NSA	MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	

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DYNACOLOR (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
nv223	pm20120222NSA	MJPEG H264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
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.										

Eneo

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
GXD-1710M-IR	refer to GXC-1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	*1	Yes	Yes	Yes	Supported by design
GLC-1401	1.42	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	Supported by design
GLC-1601	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLC-1602H	1.43	H.264 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLC-1610H		H.264 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
GLC-1701/IR	1.45	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	Yes	
GLD-1401	1.40	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	-	
GLD-1501	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLS-2101	1.45	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	

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Eneo (continued)

GLS-2104	1.78	M-JPEG	4	704x272	1-way	-	Yes	Yes	Yes	Yes	
GLS-2301H	1.09	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	Yes	Yes	
NLC-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	Yes	Yes	Yes	Yes	
NLD-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	Yes	
NLS-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	2/0	Yes	Yes	Yes	Yes	
NXC-1301M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXC-1302M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
NXC-1401M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXC-1402M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
NXD-1301M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXD-1302M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
NXD-1401M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXD-1402M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
GXB-1710M-IR	refer to GXC-1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	*1	Yes	Yes	Yes	Supported by design
GXC-1710M	2.04	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	*1	Yes	Yes	Yes	
Note:	Not integrate PTZ										
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.										
Note:	- : not available on A2camera *1: not available on software										

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

Everfocus

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
EAN3200	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EAN800A	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EAN800AW	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	Supported by design
EAN850A	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EAN900	1.2.5	H.264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	-	
Note:	Fix stream 1 as recording stream and fix stream 2 for mobile client used.											
EDN3240	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EDN3160	1.0.18	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
EDN3260	1.0.18	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	
EDN3340	1.0.18	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Yes	

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Everfocus (continued)

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
EDN800	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EDN850H	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EHN3160	1.0.18	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
EHN3200	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EHN3260	1.0.18	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	
EHN3340	1.0.18	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Yes	
EPN3100	1.2.14	H.264 MPEG4 MJPEG	1	704x576	1-way	4/2	Yes	Yes	Yes	-	-	Supported by design
EPN3600	1.2.14	H.264 MPEG4 MJPEG	1	704x576	1-way	4/2	Yes	Yes	Yes	-	-	
EPN4122	1.0.5	M-JPEG H.264	1	1280x960	1-way	2/2	Yes	Yes	Yes	Yes	Yes	
EQN2200	1.0.27	H.264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	-	Supported by design
EQN2201	1.0.27	H.264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	-	Supported by design
EVS200A	1.2.8	H.264 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	-	
EVS200AW	1.2.8	H.264 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.											
EVS410	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.											
EZN3240	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EZN850	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.											

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Fine

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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-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
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	-		
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-D1612	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-		

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Fine (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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		H.264 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-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-670DNU		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-		Supported by design
TCP-680DNU		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-		Supported by design
TCP-690		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-		Supported by design
TCP-690DN		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-		Supported by design
TCP-690U	V3.2.60_F	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-		
TCP-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	-		
TCP-IRH5040C		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	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: 1280x960	1-way	2/2	-	Yes	-		
TCP-MH802	V1.0.8_F	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-		
TCP-VM201		MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes	Supported by design
TCP-VM501	V1.0.14_F	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	
WB-8211SD		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	Yes	Supported by design

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Fine (continued)

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

Forenix

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

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Forenix (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
B0100	V3.2.0.0	H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
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
C2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	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
D2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
GE-100-VS		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
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:	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

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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	2-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
GXV-3501	0.0.4.25	H264 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	Yes	
GXV-3504	0.0.4.25	H264 M-JPEG	4	704x480	1-way	4/4	Yes	Yes	-	Yes	
GXV-3601	0.0.4.25	H264 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	Yes	
GXV-3601HD	0.0.4.25	H264 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	-	Yes	
GXV-3601LL	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.										
GXV-3611HD	0.0.4.25	H264 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	-	Yes	
GXV-3611LL	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.										
GXV-3615	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.										
GXV-3651FHD	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.										
GXV-3662HD	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	gr20120522NSA	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-K1526V	gr20120522NSA	MJPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
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.										
GCI-K1812W	gr20120522NSA	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.										

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Guardeon

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
GDN-D1300V	AS65_ALL001_V0.01.09	H.264	1	1280x1024	YES	1/1	-	Yes	-	Yes	
Note:	1. Not support 16 KHz sampling rate audio in.										
GDN-DV1300IR	Refer to GDN-V1300D	H.264	1	1280x1024	YES	1/1	-	Yes	-	Yes	
GDN-D1300IR	Refer to GDN-V1300D	H.264	1	1280x1024	YES	1/1	-	Yes	-	Yes	

Guardliner

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SPmicro-412	V1.31.0001A08 .22.6446.256 SNA400436C2	H.264 MPEG4 M-JPEG	1	D1	-	-	-	-	-	-	Support by design

HIKVision

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
DS-2CD702NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD702PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
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	V3.2 120105	H.264 MPEG4	1	1600x1200	-	-	-	Yes	Yes	Yes	
Note:	Hikvision DS-2CD7153-E test by DS-2CD753F-EI 1. when 1600x1200,1600x912, can't set framerate 15-22 2. sometimes camera can't set resolution 1600*1200 - 1600*912 - 280*960										
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

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HIKVision (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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 MPEG4 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	YES	Yes	
DS-2CD762MF-FB	20100320	H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	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-2CD753F-E	V2.0 100628	H.264	1	1600x1200	1-way	2/2	Yes	Yes	-	-	Supported by design
DS-2CD802PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802PF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812PF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812PF-W		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-2CD8254F-EIS	V3.2 120105	H.264 MPEG4	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
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	

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HIKVision (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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-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
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-6101HFI-IP	V2.0 101112	H.264	1	704x576	-	1/1	-	Yes	-	-	
Note:	PTZ is only supported by external RS-485 device.										
Note:	New-platform models: FW 20100628 is compatible Old-platform models: only FW 20100320 is acceptable										

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	
Note:	1. camera response very slow 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. 3. not support autodetect. 4. not support preset function										

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Honeywell

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
ACUIX	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.										
HCD554IP	5.4.5	MPEG4	1	4CIF	1-way	0/1	-	-	-	Yes	
Note:	Disable input function due to camera FW.										
HCD5MIH	13.1.2	H.264	1	1280x720	1-way	1/1	-	Yes	-	-	
Note:	1. For integration issue not support TCP connection.										
HD3MDIH	11.0.3	H.264	1	1280x720	1-way	1/1	-	Yes	-	-	
Note:	1. For integration issue not support TCP connection.										
HD3MDIP	7.07	MPEG4	1	1280x720	1-way	-	-	Yes	-	Yes	
HD4MDIP	8.04	MPEG4	1	1280x720	1-way	-	-	Yes	-	Yes	
HD4MDIH	12.0.3	H.264	1	1280x720	1-way	1/1	-	Yes	-	-	
Note:	1. For integration issue not support TCP connection.										
HNVE1	6.3.4	MPEG4	1	4CIF	1-way	-	-	-	-	Yes	
Note:	Disable I/O function due to camera FW.										
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.										

IQinVision

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IQ040S		M-JPEG	1	720x480	-	-	-	Yes	-	-	Supported by design
IQ041S		M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Supported by design
IQ042S	V3.1/6	M-JPEG	1	1600x1200	-	-	-	Yes	-	-	
IQ540S		M-JPEG	1	720x480	-	-	-	Yes	-	-	Supported by design
IQ541S		M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Supported by design
IQ542S	V3.1/6	M-JPEG	1	1600x1200	-	-	-	Yes	-	-	
IQA15N	V3.0/8 (100702)	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
IQA25S	V2.9/6	M-JPEG	1	1280x1024	-	1/1	-	-	-	-	
IQD30S	V3.1/6	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	-	-	
IQD31S	V3.1/6	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	-	
IQD32S	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										

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IQinVision (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IQD40S		M-JPEG	1	720x480	-	-	-	Yes	-	-	Supported by design
IQD41S		M-JPEG	1	1280x1024	-	-	-	Yes	-	-	Supported by design
IQD42S	V3.1/6	M-JPEG	1	1600x1200	-	-	-	Yes	-	-	
IQeye301		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye301m		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye301w		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye302		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye302w		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye303		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye303w		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye501		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	
IQeye510	B2.8/608	M-JPEG	1	752x480	-	-	-	Yes	-	-	
IQeye511	V2.8/6	M-JPEG	1	1280x1024	-	-	-	Yes	-	-	
IQeye601		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye602		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye603		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye701	V2.8/6	M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	
IQeye702	V2.8/6	M-JPEG	1	1600x1200	-	1/1	-	Yes	-	-	
IQeye703	V2.8/6	M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	
IQeye705	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
IQeye751		M-JPEG	1	1280x1024	-	1/1	-	Yes	-	-	Supported by design
IQeye752	V2.8/6	M-JPEG	1	1600x1200	-	1/1	-	Yes	-	-	
IQeye753		M-JPEG	1	2048x1536	-	1/1	-	Yes	-	-	Supported by design
IQeye755	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
IQeye855	V2.8/6	M-JPEG	1	2560x1920	-	1/1	-	Yes	-	-	
DS-2CD-862MF-E		H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Tested by manufacturer
IQeye863N	V3.3/5(120130)	H.264 M-JPEG	1	3MP	1-way	1/1	-	Yes	-	Yes	Test by link
IQeye865N	V3.3/5(120130)	H.264 M-JPEG	1	5MP	1-way	1/1	-	Yes	-	Yes	Test by link
IQM30N	V3.3/4(120130)	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	Test by link
IQM31N	V3.3/5(120215)	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	Test by link
IQM32N	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										

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JVC

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
VN-H37	refer VN-H137	H.264	1	1920x1080	-	-	-	Yes	-	Yes	
VN-H237	refer VN-H137	H.264	1	1920x1080	-	-	-	Yes	-	Yes	
VN-H137	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.										
VN-H157	refer VN-H57	H.264	1	1920x1080	1-way	2/2	-	Yes	-	Yes	
VN-H257	refer VN-H57	H.265	1	1920x1080	1-way	2/2	-	Yes	-	Yes	
VN-H57	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.										
VN-V686	refer VN-V685	MPEG4	1	VGA	-	2/2	Yes	Yes	-	Yes	
VN-V685	3.04	MPEG4	1	VGA	-	2/2	Yes	Yes	-	Yes	
Note:	Motion Detection is available at Home Position.										

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-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

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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-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										
FCS-3000	0101a	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	
FCS-3021		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
FCS-3031	V1.0.04	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	-	Yes	-	
Note:	The frame rate is 15 even configuring frame rate 1 under 320x240 and 160x120 resolution, which belongs to camera issue. Not support on-edge motion currently due to camera issue.										

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LevelOne (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
FCS-3061	1.0.0.34	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	
FCS-3071	L20101222NS	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	
FCS-3071-V2	le20120905NSA	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
FCS-3081	L20101222NS	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
FCS-3091	2.0.0629	MPEG4 M-JPEG	1	1600x1200	1-way	4/1	-	-	Yes	-	
Note:	Not support on-edge motion & dual stream in this camera FW due to its limitation.										
FCS-4010		MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	Supported by design
FCS-4041	LE20111116NSA	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	-	
FCS-4x00		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
FCS-5011	0100c	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes	
FCS-5030	0100a2	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
Note:	No audio support in M-JPEG.										
FCS-5041	1.0.0.46	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	
FCS-5051	L20101222NS	H.264 M- JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
FCS-6010	1.0.0.11	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	Yes	Yes	Yes	-	
Note:	Not support DO in this camera FW. Cannot get video stream through TCP/UDP sometimes, which belongs to camera issue. Camera may reboot itself when changing video format to MPEG4, which belongs to camera issue.										
FCS-7011		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	-	Supported by design
WCS-0010		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Supported by design
WCS-0020		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	Supported by design
WCS-0030	1.0.0.35	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	
WCS-0040	1.0.0.3	H.264	1	1920x1080	-	-	-	-	-	Yes	
Note:	Not support on-edge motion currently due to camera issue.										
WCS-1090		MPEG4 M-JPEG	1	640x480	1-way	2/2	-	-	Yes	-	Supported by design
WCS-2010V1.0		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
WCS-2010V2.0		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
WCS-2030V1.0	0200d	H.263	1	720x576	1-way	-	-	Yes	Yes	-	
WCS-2030V2.0		H.263	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design

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LevelOne (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
WCS-2030V3.0		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
WCS-2040	0101b	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
WCS-2060		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
WCS-2070	0100b	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	

LG

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
LNB3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LNB5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LND3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LND5100	1796.0.0.1208060	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LNP2800	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP2800I	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP3700	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP3700T	1286.0.0.1205140	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNV5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LNV5110	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW130W	4097.0.0.1203131	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes	
LW332	1026.0.0.1110260	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW335	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW342	Refer to LW345	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
LW345	515.0.0.1110260	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										

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LG (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
LW6324	Refer to LW332	H.264 MJPEG	1	1280x1024	3-way	1/1	-	Yes	-	Yes	
LW6354	Refer to LW332	H.264 MJPEG	1	1280x1024	2-way	1/1	-	Yes	-	Yes	
LW6424	Refer to LW345	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
LW6454	Refer to LW345	H.264 MJPEG	1	1920x1080	0-way	1/1	-	Yes	-	Yes	
LW9422	1632.0.0.1205030	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	
Note:	1. PTZ will stop automatically when press button over 10sec. 2. Focus Near / Far need setup the Focus mode in camera's OSD 3. Adjust zoom speed is useless 4. Can't support dual-stream at H264,1920x1080 (or above), over 20fps										

Lilin

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IPD2220ES	1.0.489	H.264 MJPEG	1	1920x1080	2-way	-	-	Yes	Yes	Yes	
IPG1022ESX	1.0.489	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	Yes	
IPG1022ES	1.0.489	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	Yes	
IPR320ESX	1.0.489	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
IPR434ESX	1.0.488	H.264 MJPEG	1	2048x1536	2-way	1/1	-	Yes	Yes	Yes	
IPR7424ESX	1.0.489	H.264 MJPEG	1	1920x1080	2-way	1/1	-	Yes	Yes	Yes	
Note:	Video parameter does not synchronize to ONVIF option IPR434ESX does not support dualstream on 2048x1536										

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Linksys

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
PVC2300	V1.1.0(xVC2300_FW_V1.1.0R05)	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	-	Yes	-	
WVC210		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	
WVC2300	V1.1.0(xVC2300_FW_V1.1.0R05)	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	-	Yes	-	
Note:	PTZ is only supported by external RS-485 device.										

Lumenera

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	-	-	-	-	-	-	

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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
D24-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
D24-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
D24-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
Q24-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
Q24-Sec	MX-V4.0.1.7	MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
T24	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.										

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Messoa

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
NCR-875PRO	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										
NDR-891	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										
NIC-990	M.O.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										

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
GE-100-CB	v1.0.0.15	H.264/MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
GP-100-CB	v1.0.0.13	H.264/MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
WGE-100-CB	v1.0.0.13	H.264/MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
WGP-100-CB	v1.0.0.16	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	
Note:	On-edge motion is only workable when stream 1 is MPEG4 with the bitrate under 1.5Mbps or quality under 3. We don't promise the performance of MD if the configuration isn't within the limitation.										

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.											

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Panasonic

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-HCM547A	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	
BL-C131		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
BL-C140A	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	

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Panasonic (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
BL-C160	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
BL-C20		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
BL-C210	4.31R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
BL-C230		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	Supported by design
BL-C30		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Yes	Supported by design
KX-HCM110		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
KX-HCM280A		M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
DG-NF282		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	Supported by design
DG-NF302	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	-	Supported by design
DG-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	Supported by design
DG-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
DG-NP304	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
DG-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
DG-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NS954	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NW960	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NW964	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-SF334	1.03 1.05	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
Note:	Disable H.264 and MPEG4 will get MJPEG stream playing more smoothly.										
WJ-GXE500	1.03	H.264 MPEG4 M-JPEG	4	720x480	1-way	-	-	Yes	-	Yes	
Note:	Motion detection works abnormally when "face detection" function is enabled. Not support PTZ currently.										
WJ-NT304	1.04	M-JPEG	4	640x480	-	-	Yes	-	-	Yes	
WJ-NT314		M-JPEG	4	640x480	1-way	-	Yes	-	-	Yes	Supported by design
WV-NF284		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
WV-NF302	1.40E4_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-NM100		MPEG4 M-JPEG	1	640x480	-	-	Yes	-	-	Yes	Supported by design

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Panasonic (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
WV-NP1000		M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
WV-NP1004	1.21	M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
WV-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
WV-NP304	1.50E5_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-NP472		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
WV-NP502	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
WV-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS324		M-JPEG	1	640x480	-	-	Yes	Yes	-	Yes	Supported by design
WV-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS954	1.06E0	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
Note:	Audio is abnormal in MPEG4 format.										
WV-SC384	1.46	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~3/0~1	Yes	Yes	-		Supported by design
WV-SC385	refer to WV-SW396	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
Note:	WV-SC385 support continuous PTZ										
WV-SC386	1 Application: 1.44 2 Driver: 1.12 3 Image data:1.05	M-JPEG MPEG4 H.26	1	720x480	-	0/0	Yes	Yes	-		
WV-SF132	Refer to WV-SW155/M	MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-		Supported by design
WV-SF135	Refer to WV-SW155/M	MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-		
WV-SF332		H.264 MPEG4 M-JPEG	1-way	-	-	Yes	-	Yes			Supported by design
WV-SF335		H.264 MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-		Supported by design
Note:	WV-SF355 include WV-SF335E										
WV-SF336	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.										
WV-SF342	Refer to WV-SF332	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design

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Panasonic (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
WV-SF346	Refer to WV-SF336	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-SP102		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-SP105		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-SP302		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-SP305		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-SP306	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.										
WV-SP508	1 Application: 1.05 2 Image data: 2.05	MJPEG H264	1	2048x1536	-	0~1/0~1	-	Yes	-	Yes	Tested by link
WV-SP509	1 Application: 1.07 2 Image data: 2.11	MJPEG H264	1	2048x1536	1-way	0~3/0~1	-	Yes	-	Yes	
WV-ST162	Refer to ST165	MJPEG H264	1	800x600	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
WV-ST165	1 Application: 1.44 2 Image data: 1.03	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Tested by link
WV-SW152/M	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
WV-SW155/M	1.03	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-SW172	Refer to ST165	MJPEG H264	1	800x600	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
WV-SW174W	Refer to ST165	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
WV-SW175	Refer to ST165	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
WV-SW314	Refer to SW316/L	MJPEG H264	1	1280x960	-	-	-	Yes	-	Yes	Supported by design
WV-SW316/L	1 Application: 1.46 2 Image data: 1.04	MJPEG H264	1	1280x960	1-way	0~1/0~1	-	Yes	-	Yes	Tested by link
WV-SW352	Refer to WV-SW352	MJPEG H264	1	1280x960	1-way	0~1/0~1	-	Yes	-	Yes	Tested by link
WV-SW355	1.41	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~1/0~1	-	Yes	-		
WV-SW395		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-SW396	1.44	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	
Note:	WV-SW396 support continuous PTZ										
WV-SW558	Refer to SP509	MJPEG H264	1	2048x1536	-	0~3/0~1	-	Yes	-	Yes	Supported by design

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Panasonic (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
WV-SW559	Refer to SP509	MJPEG H264	1	2048x1536	1-way	0~3/0~1	-	Yes	-	Yes	Supported by design
WV-NW484S	1.10ED	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	
WV-NW502S	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
WV-NW960	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NW964		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design

Pelco

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.										

PIXORD

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
P600	2.0.3_225	H264 M-JPEG	1	1600x1200	1-way	2/1	-	-	Yes	-	
P606	2.0.3_225	H264 M-JPEG	1	1600x1200	1-way	-	-	-	Yes	-	
PB630	2.0.3_225	H264 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	
PD634	2.0.3_225	H264 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	
PD636	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										
PL621	2.0.3_225	H264 M-JPEG	1	1600x1200	1-way	1/1	-	-	Yes	-	
PV6901	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										

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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
PIC-H2010T	v1.0.4_20120614	H.264	1	1920x1080	1-way	1/1	-	Yes	-	-	Yes	
PIN-H1310T	v1.0.0_20120627	H.264	1	1280x720	1-way	1-1	-	Yes	-	-	Yes	
PMI-H2000	v1.0.2_20120619	H.264	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
RV01AD		H264 M-JPEG	1	D1	1-way	2/2	Yes	Yes	-	Yes	Supported by design
RV01AT		H264 M-JPEG	1	D1	1-way	2/2	Yes	Yes	-	Yes	Supported by design
RV04AD		H264 M-JPEG	1	D1	1-way	4/4	Yes	Yes	-	Yes	Supported by design
RV1WAD	V1.0.30_RO	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
RV1WAG		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
RV79AD		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
RV7RAD		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
RV7RAG		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
RV81AD		H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Yes	Supported by design
RV81AG		H264 M-JPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
RV84AM		H264 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Supported by design
RV84AV		H264 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
RV87ZA		H264 M-JPEG	1	D1	1-way	1/1	Yes	Yes	-	Yes	Supported by design

ReadyNAS® Surveillance™ Supported Cameras Version 1.3

Samsung

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SNB-1000	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.										
SNB-1001	1.00_111226	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
SNB-2000		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	Supported by design
SNB-3000		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	Supported by design
SNB-3002	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
SNB-5000	v1.33_110218	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
SNB-7000	Refer to SNB-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
SNB-7001	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	Supported by design
SNB-7002	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.										
SNC-B2315	2.01	H.264 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-B2331	v1.00_090810	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	
SNC-B2335	v1.10_100129	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-B5368	v1.00_091001	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	
SNC-B5395	2.10	H.264 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-B5399	v1.10_091120	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-C6225	1.01	H.264 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	-	
SNC-C7225	1.01	H.264 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	-	Supported by design
SNC-C7478	v1.01_090625	H.264 M-JPEG	1	720x576	1-way	8/4	Yes	Yes	-	-	
SNC-M300	v2.11_090729	H.264 M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	-	
SND-1010	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.										

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Samsung (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
Note:	I/O and MD is unstable, which is a known issue reported by Samsung. They won't do any change since the camera is discontinued.										
SND-1011	1.00_111226	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	Yes	Test by link
SND-1080	1.00_111226	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
SND-3080		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	Supported by design
SND-3082/F	refer to SNB-3002	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	Yes	-	Yes	
SND-5080/F	v2.00_110608	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
SND-7011	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.										
SND-7061	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Supported by design
SND-7080	v1.10_110819	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
SND-7082	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.										
SNO-1080R	1.00_120125	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	Yes	Test by link
SNO-5080R	v1.00_110514	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
SNO-7080R	S/W : 1.00_110720 ISP : 0.50	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Test by link
SNP-3120/V/ VH	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.										
SNP-3301	v1.21_110310	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	
SNP-3302/H	Refer to SNP-3371/H/TH	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNP-3370	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.										
SNP-3371/H/TH	S/W : 1.01_111104 ISP : 1.28 Motion B/D : 0.86 Tracking B/D : 1.93	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	Test by link
SNP-3430H	v1.10_110818	H.264 MPEG4 M-JPEG	1	704x480	1-way	8/4	Yes	Yes	-	Yes	

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Samsung (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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.										
SNP-5200		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	4/2	-	Yes	-	Yes	Supported by design
SNP-5200H	v1.02_110603	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	4/2	-	Yes	-	Yes	
Note:	SNP-5200/5200H: 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:	SNP-5200/5200H: not support Area Zoom due to protocol limitation.										
Note:	SNP-5200/5200H: the speed selections of PTZ and focus in LiveView is not synchronized with camera web due to protocol limitation.										
SNP-6200	V1.00_120302	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	
SNP-6200H	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNP-6200HP	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNP-6200P	refer to SNP-6200	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNV-1080	Refer to SNO-1080R	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
SNV-1080R	Refer to SNO-1080R	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
SNV-3080		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	Supported by design
Note:	Please uncheck the "RTSP time out" first.										
SNV-3082	refer to SNB-3082	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTSC)	1-way	1/1	-	Yes	-	Yes	
SNV-3120	v1.24_110816	H.264 MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	-	-	Yes	
Note:	PTZ: support zoom and focus.										
SNV-5010	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.										
SNV-5080		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Supported by design
SNV-5080R	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.										

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Samsung (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SNV-7080	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
SNV-7080R	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
SNV-7082	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.										
SNZ-5200	v1.05_111216	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
SPE-100	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.										
SPE-400	S/W: 1.40_120201	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	-	Yes	Test by link
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

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	1.0.0.9	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
SNC-3322	1.0.0.11	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.										

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SANTEC (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SNC-4302	1.0.0.9	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-3302	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	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
SNC-5651R/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-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	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
SNC-6303M		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
SNC-6312IRH	Refer to SNC-3302	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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		H.264 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).										

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SANTEC (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SVS-1100	1.1.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes	
SVS-3001		H.264 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.										

Sanyo

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 / VCC-HD4000 / VCC-HD4000P / VCC-HD4000PC	MAIN 1.05-04, SUB 1.00-03	H.264 M-JPEG	1	2288x1712	-	2/1	Yes	Yes	-	-	
Note:	PTZ support: zoom, preset, and focus										
VCC-HD4600	CAM MAIN 1.00-05, CAM SUB 1.00-01, NET MAIN 1.00-04, NET SUB 1.00-04	H.264 M-JPEG	1	2288x1712	1-way	2/2	Yes	Yes	-	Yes	
Note:	PTZ support: zoom, preset, and focus.										
VCC-HD4600P		H.264 M-JPEG	1	2288x1712	1-way	2/2	Yes	Yes	-	Yes	
VCC-HD5400		H.264 M-JPEG	1	2288x1712	1-way	4/2	Yes	Yes	-	Yes	Supported by design
VCC-HD5400P		H.264 M-JPEG	1	2288x1712	1-way	4/2	Yes	Yes	-	Yes	Supported by design

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Sanyo (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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:	Motion detection works abnormally when "face detection" function is enabled.										
VCC-HD5600P		H.264 M-JPEG	1	2288x1712	1-way	8/2	Yes	Yes	-	Yes	Supported by design
Note:	Motion detection works abnormally when "face detection" function is enabled.										
VDC-HD3100		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
VDC-HD3100P		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
VDC-HD3300	MAIN 1.00-14, SUB 1.00-02	H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	
VDC-HD3300P		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Yes	Supported by design
VDC-HD3500		H.264 M-JPEG	1	2288x1712	1-way	2/2	-	Yes	-	Yes	Supported by design
VDC-HD3500P		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
SNC-21XX	BgWT8130035N03 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.										
SNC-22XX	BgWT8202715N03 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.										
SNC-23XX	BgWT8300036N03 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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Sony

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-CH110/B / SNC-CH110/S	1.27.00	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
SNC-CH120	1.30.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	Yes	
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/B / SNC-CH210/S	1.12.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
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	1.30.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes	
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	
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-DF40	1.17	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes	
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

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Sony (continued)

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-DH110/B / SNC-DH110/W	1.27.02	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
SNC-DH110T/B / SNC-DH110T/W	Refer to SNC-DH110	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	Supported by design
SNC-DH120	1.12.03	H.264 MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	
SNC-DH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes	
Note:	Motion detection works abnormally when "face detection" function is enabled.											
SNC-DH160	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes	
SNC-DH180	1.10.02	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DH210/B / SNC-DH210/W		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
SNC-DH210T/B / SNC-DH210T/W	1.27.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
SNC-DH220	1.50.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Yes	
SNC-DH220T	Refer to SNC-DH220	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Yes	Supported by design
SNC-DH240	1.11.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DH260	1.30.00	H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	Yes	-	Yes	Yes	
SNC-DH280	1.26.01	H.264 MPEG4 M-JPEG	1	1921x1440	1-Way	1/2	-	Yes	-	Yes	Yes	
SNC-DM110		MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes	Supported by design
SNC-DM160	1.01	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DS10	1.01	H.264 MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-DS60	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes	
SNC-EP520	1.40.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-EP521	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	Yes	

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Sony (continued)

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-EP550	Refer to SNC-ER550	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	-	Yes	Yes	Supported by design
SNC-EP580	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.											
SNC-ER520	1.42.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-ER521	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-ER550	1.40.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-ER580	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.											
SNC-P1	1.28	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
SNC-P5	1.11	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
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	

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Sony (continued)

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-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	
SNC-Z20	1.06	M-JPEG	1	736x480	-	1/2	Yes	-	-	Yes	Yes	
Note:	PTZ Support: zoom only.											
SNT-EP104		H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Yes	Supported by design
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.											

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StarDot

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SD130B		M-JPEG	1	1296x960	-	-	-	Yes	-		Supported by design
SD130BN		M-JPEG	1	1296x960	-	-	-	Yes	-		Supported by design
SD130V	NetCamSC 1.1.63	M-JPEG	1	1296x960	-	-	-	Yes	-		
SD130VN		M-JPEG	1	1296x960	-	-	-	Yes	-		Supported by design
SD300B		M-JPEG	1	2048x1536	-	-	-	Yes	-		Supported by design
SD300V		M-JPEG	1	2048x1536	-	-	-	Yes	-		Supported by design
SD500B		M-JPEG	1	2595x1944	-	-	-	Yes	-		Supported by design
SD500BN	NetCamSC 1.1.63	M-JPEG	1	2595x1944	-	-	-	Yes	-		
SD500V		M-JPEG	1	2595x1944	-	-	-	Yes	-		Supported by design
SD500VN		M-JPEG	1	2595x1944	-	-	-	Yes	-		Supported by design
SDEXP2	ExpressXL 1.1.61	M-JPEG	2	704x480	-	-	-	Yes	-		
Note:	Camera doesn't support adjust framerate.										
SDEXP4	ExpressXL 1.1.63	M-JPEG	4	704x480	-	-	-	Yes	-	Yes	
Note:	Camera doesn't support adjust framerate.										
SDH130B		H264 M-JPEG	1	1296x976	-	1/0	-	Yes	-	Yes	Supported by design
SDH130V		H264 M-JPEG	1	1296x960	-	1/0	-	Yes	-	Yes	Supported by design
SDH130BN		H264 M-JPEG	1	1296x976	-	1/0	-	Yes	-	Yes	Supported by design
SDH130VN		H264 M-JPEG	1	1296x960	-	1/0	-	Yes	-	Yes	Supported by design
SDH300B		H264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	Supported by design
SDH300V		H264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	Supported by design
SDH500B		H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Yes	Supported by design
SDH500V		H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Yes	Supported by design
SDH500BN	1.1.68	H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Yes	
SDH500VN		H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Yes	Supported by design

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Sunell

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/Z18	refer to IPS54/70DN/ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/70DN/ZR18	v1.6_build044014_027	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	
Note: Changing MJPEG resolution may get Fail message due to camera FW issue.												
IPS54/70DR/Z18	refer to IPS54/70DN/ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/70DR/ZR18	refer to IPS54/70DN/ZR18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
SN-IPC54/11FDN	v1.6_build044014_027	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	
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-IPV54/11DN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPV54/11DR	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-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-IPV54/11UDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPV54/11UDR	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/11DN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/11ANDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPV54/11ZDR	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/11ALDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/11AKDN	refer to SN-IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPD54/12VDN	v1.6_build044014_027	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	
Note: Autodetect fail due to camera FW issue.												
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-IPV54/12DN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPV54/12DR	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design

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Sunell (continued)

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
SN-IPD54/12VDR	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPV54/12UDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPV54/12UDR	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/12DN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/12ANDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPV54/12ZDR	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/12ALDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPR54/12AKDN	refer to SN-IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN-IPC54/20DN	1.6_build044011_061	H.264 M-JPEG	1	704x576	1-way	-	-	Yes	-	Yes	-	
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-IPD54/12DN		H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	-	Supported by design
SN-IPR54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN-IPS54/60DN/Z18		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	Supported by design
SN-IPS54/60DN/Z18/WI	v1.6_build044013_040	H.264 M-JPEG	1	704x480	1-way	-	Yes	Yes	-	Yes	Yes	
Note:	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.											
SN-IPS54/60DN/Z36		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	Supported by design
SN-IPV54/11DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN-IPV54/12DN		H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	-	Supported by design
SN-IPV54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN-IPV54/50DR		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
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:	Do not support I/O due to camera FW limitation.											
VSR54/01	v1.6_build044014_026	H.264 M-JPEG	1	D1	1-way	2-1	Yes	Yes	-	-	Yes	
Note:	1. Autodetect fail due to camera FW issue. 2. Changing MJPEG resolution may get Fail message due to camera FW issue.											

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TelView

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

TechSon

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	refer to Shany SNC-21XX	H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-220MDN	refer to Shany SNC-22XX	H.264 MPEG4 MJPEG	1	1920*1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-230WDRMDN	refer to Shany SNC-23XX	H.264 MPEG4 MJPEG	1	2048*1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-D213WDRDN	refer to Shany SNC-21XX	H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-D220DN	refer to Shany SNC-22XX	H.264 MPEG4 MJPEG	1	1920*1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-D230WDRDN	refer to Shany SNC-23XX	H.264 MPEG4 MJPEG	1	2048*1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design

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TechSon (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
TCIP-LD213W-DRMDN	refer to Shany SNC-21XX	H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD220MDN	refer to Shany SNC-22XX	H.264 MPEG4 MJPEG	1	1920*1080	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LD230W-DRMDN	refer to Shany SNC-23XX	H.264 MPEG4 MJPEG	1	2048*1536	1-way	1/1	Yes	Yes	-	Yes	Supported by design
TCIP-LPro213W-DRMDN	refer to Shany SNC-21XX	H.264 MPEG4 MJPEG	1	1280*720	1-way	1/1	Yes	Yes	-	Yes	Supported by design

Tiandy

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
TC-NH9106S2-MP	NVSSv3.0.1_20120619	MJPEG H.264	1	1280x720	2-way	-	yes	-	-	-	
Note	Not support Dualstream, ONVIF event (MD, I/O)										

Toshiba

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IKWB21A	2.09.E.200.121	M-JPEG	1	1280x960	1-way	-	Yes	-	-	-	
IKWB70A	0100e	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
IKWD01A	0100a	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	

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TRUEN

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
TCS-200	Enc: V1.104A-035	H.264	1	720x576	1-way	2/2	Yes	Yes	-	Yes	
TCS-2000	Enc: V1.103C-005	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	
TCS-300	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	2/2	Yes	Yes	-	Yes	
TCAM-330		H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	Yes	Supported by design
TCAM-351		H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	Yes	Supported by design
TCAM-370	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	Yes	
SN-IPV54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	-	Supported by design
SN-IPV54/50DR		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	-	Supported by design
Note:	Do not support NTSC on TCAM-3XX (330,351,370).										
TCAM-530	Enc: V1.103C-005	H.264 MJPEG	1	1920x1280	1-way	1/1	-	Yes	-	Yes	
TCAM-531	Enc: V1.103C-005	H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	
TCAM-531BIR		H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Supported by design
TCAM-540	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)										
TCAM-551		H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Supported by design
TCAM-570	Enc:V1.103A-031	H.264 MJPEG	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)										

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UDP

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IPE1100M		H.264 MPEG4 M-JPEG	1	720x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE3100		H.264 MPEG4 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE3500		H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE3500M	1.6.7	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
IPE4100	1.6.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	Yes	Yes	
IPE5500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE6500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE7500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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	1	720x576	1-way	2/1	Yes	Yes	Yes	Yes	
NVC4000-R12		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
NVC4000-R40		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
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.										

Vidosec

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IBF-211	5.0.2.3874	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
ICS-13	CCD-camera- aFw-100811P et20110215NS	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	

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Videosec (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
ICS-20F	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.										
ICS-20W		MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
ID-20	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.										
IDA-210		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Tested by manufacturer
IP-206M	5.a.2.4031	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
IRD-20W		MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IRW-20W		MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
IS-240		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										

Vista

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
VK2-1080VRD	2.2.64	H.264 M-JPEG	1	1920x1080	1-way	2/0	-	Yes	Yes	Yes	
VK2-2MPVRD	2.2.64	H.264 M-JPEG	1	1600x1200	1-way	2/0	-	Yes	Yes	Yes	
Note:	VK2-1080VRD/VK2-2MPVRD: on-edge motion of video with M-JPEG codec works only as stream 1 is enabled on camera web.										
Note:	VK2-1080VRD/VK2-2MPVRD: camera may be disconnected if users configure format as H.264 on one NVR and configure format M-JPEG on another.										
VK2-540VRD	2.1.8-release	H.264 M-JPEG	1	704x576	1-way	1/0	-	Yes	Yes	Yes	
VK2-600PTZ	2.1.8-release	H.264 M-JPEG	1	704x576	1-way	1/0	Yes	Yes	Yes	Yes	
Note:	The operation of setting preset point is special because setting password is a must. We suggest users finish preset point settings on camera web.										
VK2-VGAVFD	1.7.4-T2_release	H.264 M-JPEG	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.										

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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
VISION i series	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	2-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)										
Vision Mi series	IP VISION 1.1.0.16 20120316	MJPEG H264	1	1280x720	2-way	1/1	-	Yes	-	Yes	
VISION M3i series	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.										
VISION NVS102	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	2-way	1/1	Yes	Yes	-	Yes	
Note:	VISION NVS102: Support both of NTSC/PAL, but can be switched only on camera web. Need to reboot camera after switched NTSC/PAL, then MainConsole will detect correct responding resolution. The value of PTZ speed control won't sync with camera web setting if it is saved in Main Console. PTZ speed : pan setting = tilt setting. Change one of pan or tilt, and then the other will change, too.										

VIVOTEK

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
BB5315	Refer to IP8332	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
BB5516	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
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

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VIVOTEK (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
FD8131	Refer to FD8133	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
FD8133		H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
FD8133V	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	
FD8134-SS	Refer to FD8134	MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
FD8134V	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
FD8135H	0100e	MPEG4 M-JPEG H.264	1	1280x800	-	3/1	-	Yes	Yes	Yes	
Note:	FW will cause I/O status incorrect										
FD8136	0100f	MPEG4 M-JPEG H.264	1	1280x800	1-way	1/0	Yes	Yes	Yes	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
FD8335H	0101a	H.264 MPEG4 M-JPEG	1	1200x800	1-way	3/1	-	Yes	Yes	Yes	Tested by link
FD8361	0100d1	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
FD8361L	Refer to FD8361	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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
FD8372	0100f	H.264 MPEG4 M-JPEG	1	2560x1920	1-way	3/1	-	Yes	Yes	Yes	Tested by link
Note:	1. Mpeg4 support first 2 maximum resolutions are 1920x1920 & 1920x1536										
FE8171V	0100d	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
Note:	De-wrap function is integrated in NVR v1.4.0.										

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VIVOTEK (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
FE8172V	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.										
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
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
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	

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VIVOTEK (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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	-	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	-	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	
IP7160-SS	Refer to IP7160	MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7161		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7161-SS	Refer to IP7161	MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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
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		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:	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.										
IP8151-SS	Refer to IP8151	MPEG4 M-JPEG H.264	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP8151P	Refer to IP8151	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Supported by design
IP8161	0100k	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
IP8161-SS	Refer to IP8161	MPEG4 M-JPEG H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

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VIVOTEK (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
IP8162	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	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.										
IP8162P	Refer to IP8162	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Supported by design
IP8162P-SS	Refer to IP8162	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
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
IP8332-SS	Refer to IP8332	MPEG4 M-JPEG H.264	1	1280x800	-	1/0	-	Yes	Yes	Yes	Supported by design
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										
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
IP8362	0100d	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	Supported by design
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.										
PT3134		H.263	1	720x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design

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VIVOTEK (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
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
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	H.264 MPEG4 M-JPEG	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
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:	SD8362E : Audio, I/O, Upnp can't testing by link										
SD8121-SS	Refer to SD81X1	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	Supported by design
SD8362	0104a	H.264 MPEG4 M-JPEG	1	1920x1080	2-way	1/1	Yes	Yes	Yes	Yes	Tested by link

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VIVOTEK (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
SD8362E	0104a	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	3/2	Yes	Yes	Yes	Yes	
Note:	SD8362E : Audio, I/O, Upnp can't testing by link										
SD-8362E-SS	Refer to SD8362E	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	3/2	Yes	Yes	Yes	Yes	Supported by design
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 SD83x3E.										
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 SD83x3E.										
SD83x3E	0102d	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	Yes	
SD8323E-SS	Refer to SD83X3E	MPEG4 M-JPEG H.264	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
TC5330		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	Supported by design
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	
Note:	MPEG4: Unable to connect through HTTP.										
VS8102	0202c2	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
VS8401	Refer to VS8801	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	-	-	Supported by design
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.										

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Zavio

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
B5110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
B6110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
B7210	Refer to F3206	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	-	Yes	Yes	Supported by design
D510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D5110	Refer to D5111	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	Supported by design
D5111	MG.1.6.03P7_app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	
D5113	M2.1.6.01	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	Yes	
D520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D610A	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D6111	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D611E	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D7110	MG.1.6.03P7_app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	-	Yes	Yes	
D7111	Refer to D5113	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design
F1100	Refer to F1105	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	Supported by design
F1105	BP.1.6.01_C1	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
F210A	LM.1.6.15	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
F3100	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
F3101	Refer to F3106	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	-	Yes	Yes	
F3105	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
F3106	MG.1.6.03C8	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	-	Yes	Yes	
F312A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	

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Zavio (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
F3201	Refer to F3206	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	-	Yes	Yes	
F3206	M2.P2P_0314	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	-	Yes	Yes	
F5100	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5105	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F510W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5115	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F511E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F511W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F521E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F531E	LM.1.6.18P9_ testport2	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	-	Yes	Yes	Supported by design
F610A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F611E	LM.1.6.16.007	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
F7110	MG.1.6.03P3_ r1072	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	
F7115	Refer to F7110	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
F7210	M2.1.5.08	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	
F721A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
F731E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
M510E	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										

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Zavio (continued)

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
M510W	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										
M511E	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										
M511W	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										
P5110	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										
P5115	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										
V111T	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

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3Svision

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Dual Stream Support	Remarks
N3071	Refer to 3S N3072	H264 M-JPEG	1	1600x1200	1-way	-	-	Yes	-	Yes	Supported by design
N3072	V1.03_STD-1	H264 M-JPEG	1	1600x1200	2-way	1/1	-	Yes	-	Yes	
N5071	V1.03_STD-1	H264 M-JPEG	1	704x576/ 704x480	1-way	0/0	Yes	Yes	Yes	Yes	
N6072	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6073	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6074	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6075	V1.05_STD-1	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
N6076	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6077	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N8072	V1.03_STD-1	H264 M-JPEG	1	1600x1200	2-way	0/0	-	Yes	-	Yes	
N9071	V1.06_STD-1	H264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	