

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

ACTi



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

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ACM3601	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	
ACM3603		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
ACM3701	A1D-220-V3.10.22-AC	MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	
ACM3703		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Supported by design
ACM4000		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
ACM4001		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
ACM4100	A1D-220-V3.09.14-AC	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	
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	

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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
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

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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
KCM5111	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	-	Yes	-	Yes	
Note: On-edge motion: H.264 and MPEG4.											
KCM5211	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.											
KCM5211E	Refer to KCM5211E	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	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	

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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	Supported by design
Note:		On-edge motion: H.264 and MPEG4.									
KCM7111	A1D-311-V5.04.07-AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	-	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	
Note:		On-edge motion: H.264 and MPEG4.									
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
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	
TCD2500	A1D-310-V4.06.08-AC	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes	
TCM1231	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	

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TCM1232		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	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	
TCM3001		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	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	
TCM3401		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	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	
TCM3511	A1D- 310-V4.06.00 - AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
TCM4101		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
TCM4201	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
TCM4301	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Supported by design
TCM5001	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
TCM5311	A1D-310-V4.05.13-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	
TCM5312		H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	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	Supported by design
TCM5611	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	Yes	Yes	
TCM7011	A1D-310-V4.06.09-AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
TCM7411		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	Yes	Yes	Supported by design

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TCM7811	A1D-310-V4.07.15-AC	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	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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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Remarks
AV1115	65201	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	
AV1125	Refer to AV1115	H.264 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Supported by design
AV1300	64328	M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Supported by design
AV1305	64331	H.264 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	
AV1310		M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Supported by design
AV1315	65191	H.264 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	
AV1325		H.264 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Supported by design
AV1355	65130	H.264 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Supported by design
AV2000	64328	M-JPEG	1	1600x1184	-	-	-	Yes	-	Yes	Supported by design
AV2100	64328	M-JPEG	1	1600x1184	-	-	-	Yes	-	Yes	Supported by design
AV2105	64331	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	-	Yes	
AV2110		M-JPEG	1	1600x1184	-	-	-	Yes	-	Yes	Supported by design
AV2115	Refer to AV2125	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	Yes	Supported by design
AV2125	65201	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	-	Yes	
AV2155	64803	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	-	Yes	
AV2805	65150	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	
AV2815	65191	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	
AV2825		H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	-	Yes	Supported by design
AV3100	64328	M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design

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AV3105	64331	H.264 M-JPEG	1	2048X1536	-	-	-	Yes	-	Yes	
AV3110		M-JPEG	1	1920X1216	-	-	-	Yes	-	Yes	Supported by design
AV3115	65201	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	
AV3125	Refer to AV3115	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Supported by design
AV3130	61906	M-JPEG	1	2048x1536	-	-	-	Need to retest	-	Yes	Supported by design
AV3135	65135	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	
AV3155	65113	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	
AV5100	61906	M-JPEG	1	2560x1600	-	-	-	Yes	-	Yes	
AV5105	64331	H.264 M-JPEG	1	2560x1600	-	1/1	-	Yes	-	Yes	
AV5110		M-JPEG	1	2560x1600	-	-	-	Yes	-	Yes	Supported by design
AV5115	65201	H.264 M-JPEG	1	2560x1600	-	1/1	-	Yes	-	Yes	
AV5125	65201	H.264 M-JPEG	1	2560x1600	-	1/1	-	Yes	-	Yes	
AV5155	65113	H.264 M-JPEG	1	2560x1600	-	-	-	Yes	-	Yes	
AV8180	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Supported by design
AV8185	64803	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	Yes	
AV8185DN		H.264 M-JPEG	4	1600x1200	-	-	-	Yes	-	Yes	Supported by design
AV8360	65010	M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Supported by design
AV8365	65026	H.264 M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Supported by design
AV8365DN		H.264 M-JPEG	4	1600x1184	-	-	-	Yes	-	Yes	Supported by design

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AV10005	65147	H.264 M-JPEG	1	3648x2752	-	-	-	Yes	-	Yes	
AV10115	65201	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	-	Yes	
AV20185DN	65170	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	
AV20365DN	Refer to AV20185DN	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	-	Yes	Supported by design
Note:	On-edge motion: turn off the "enable extended on motion detection" function on camera web.										
Note:	For multiple-channel models, such as AV8180 and AV20185DN, there might be some issues if configuring different protocols on each channel. (i.e. the resolution we receive is half of the original)										

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ARM



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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
212 PTZ-V		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Supported by design
213 PTZ		MPEG4 M-JPEG	1	704x576	1-way	2/3	Yes	Yes	Yes	Supported by design
214 PTZ	4.33	MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	Yes	
215 PTZ		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
215 PTZ-E		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
216FD		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
216FD-V		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
216MFD		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
216MFD-V		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
221		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Supported by design
223M		MPEG4 M-JPEG	1	1600x1200	1-way	2/1	-	Yes	Yes	Supported by design
225FD		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Supported by design
231D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Supported by design
231D+		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Supported by design
232D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Supported by design
232D+		MPEG4 M-JPEG	1	704x576	-	4/4	Yes	Yes	Yes	Supported by design
233D		MPEG4 M-JPEG	1	704x576	1-way	4/4	Yes	Yes	Yes	Supported by design
2400		M-JEPG	4	704x576	-	4/1	-	Yes	Yes	Supported by design
240Q		M-JEPG	4	704x576	-	4/4	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
240Q Blade		M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Supported by design
241Q		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Supported by design
241Q Blade		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Supported by design
241QA	4.30	MPEG4 M-JPEG	4	704x576	1-way	4/4	-	Yes	Yes	
241S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Supported by design
241S Blade		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Supported by design
241SA		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Supported by design
242S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Supported by design
243Q		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Supported by design
243Q Blade		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Supported by design
243SA		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Supported by design
2460		M-JPEG	4	704x576	-	4/1	-	Yes	Yes	Supported by design
247S		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Supported by design
M1011	5.00	H.264 M-JPEG	1	640x480	-	-	-	Yes	Yes	
M1011-W	5.00	H.264 M-JPEG	1	640x480	-	-	-	Yes	Yes	
M1031-W	5.00	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	
M1054	5.15	H.264 M-JPEG	1	1024x640	1-way	1/1	-	Yes	Yes	
M1103		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes*	Supported by design
M1104	5.09	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes*	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
M1113	5.08	H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes*	
M1114		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes*	Supported by design
M3011	5.01	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Supported by design
M3014		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Supported by design
M3113-R		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Supported by design
M3113-VE		H.264 M-JPEG	1	800x600	-	-	Yes	Yes	Yes	Supported by design
M3114-R	5.11	H.264 M-JPEG	1	1280x800	-	-	Yes	Yes	Yes	
M3114-VE		H.264 M-JPEG	1	1280x800	-	-	Yes	Yes	Yes	Supported by design
M3203		H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	Supported by design
M3203-V		H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	Supported by design
M3204		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Supported by design
M3204-V		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Supported by design
M5013		H.264 M-JPEG	1	800x600	1-way	-	Yes	Yes	Yes	Supported by design
M5014		H.264 MPEG4	1	1280x720	1-way	2/2	Yes	Yes	Yes	Supported by design
M7001		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes	Supported by design
P1311	5.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	
P1343	5.06	H.264 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes*	
P1343-E		H.264 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Supported by design
P1344		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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AXIS



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
P1344-E		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Supported by design
P1346	5.06	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes*	
P1346-E		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
P1347	5.11	H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes*	
P1347-E		H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Supported by design
P3301	5.11	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
P3301-V		H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
P3304		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Supported by design
P3304-V		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Supported by design
P3343	5.06	H.264 M-JPEG	1	800x600	1-way	1/1	Yes	Yes	Yes	Supported by design
P3343-V		H.264 M-JPEG	1	800x600	1-way	1/1	Yes	Yes	Yes	Supported by design
P3343-VE		H.264 M-JPEG	1	800x600	1-way	1/1	Yes	Yes	Yes	Supported by design
P3344	5.06	H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	
P3344-V	5.06	H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	
P3344-VE	5.06	H.264 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	
P3346	5.20	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes*	
P3346-V		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
P3346-VE		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
Note:	P3343, P3344 and P3346 series cameras support digital PTZ only.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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AXIS



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
P5512		H.264 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	Yes	Supported by design
P5512-E		H.264 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	Yes	Supported by design
P5522		H.264 M-JPEG	1	720x480	1-way	4/4	Yes	Yes	Yes	Supported by design
P5522-E		H.264 M-JPEG	1	720x480	1-way	4/4	Yes	Yes	Yes	Supported by design
P5532	5.15	H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes*	
P5532-E		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	Yes	Supported by design
P5534	5.15.1	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Supported by design
P5534-E		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Supported by design
P8221	5.10	H.264 MPEG4	1	-	1-way	4/4	-	-	Yes	
Q1755	5.02	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	
Note:		M-JPEG: Due to the HW constraints, the frame rate and audio will be impacted if resolution and quality are high.								
Q1755-E		H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Supported by design
Q1910	5.06	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	
Q1910-E		H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Supported by design
Q1921	5.11	H.264 M-JPEG	1	768x576	-	2/0	-	Yes	Yes*	
Q1921-E		H.264 M-JPEG	1	768x576	-	2/0	-	Yes	Yes	Supported by design
Q6032		H.264 M-JPEG	1	752x480	1-way	4/4	Yes	Yes	Yes	Supported by design
Q6032-E	5.05	H.264 M-JPEG	1	704x576	-	-	Yes	Yes	Yes	
Q6034	5.20.3	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes*	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
Q6034-E		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes	Yes	Yes	Supported by design
Q6035		H.264 M-JPEG	1	1280x720	1-way	4/4	Yes	Yes	Yes	Supported by design
Q6035-E		H.264 M-JPEG	1	1280x720	1-way	-	Yes	Yes	Yes	Supported by design
Q7401		H.264 M-JPEG	1	704x576	1-way	2/2	Yes	Yes	Yes	Supported by design
Q7404	5.02	H.264 M-JPEG	4	768x576	1-way	1/1	Yes	Yes	Yes	
Q7406		H.264 M-JPEG	6	704x576	-	1/1	Yes	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Basler



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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

BOSCH										
 BOSCH Invented for life										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
NWC-0455	19500410	H.264 M-JPEG	1	704x576	-	-	-	-	-	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Brickcom



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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	Supported by design
FD-130Ap	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
VD-130Ae	Refer to VD-130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
VD-130Ap		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	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	
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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

CISCO



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	Supported by design
Note:		PTZ is only supported by external RS-485 device.								

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

CNB										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
IBE3815NVR		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Supported by design
IBE3815PVR		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Supported by design
IBE5810NCR		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Supported by design
IBE5810PCR		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Supported by design
IDC4050F	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
IDC4050IR	XNET.M1-1.10.11.0822	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	
Note: Camera issue: image may be broken apparently under high parameter settings.										
IDC4050VF	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
IDC4050VR	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
IDP4000VD	XNET.A1-1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	
IDP4000VR	XNET.A1-1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	
IDP4030VR		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	Supported by design
IGC2050F	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
IGP1000		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	Supported by design
IGP1030	XNET.A1-1.1.9.1104	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	-	Yes	
IJB2000		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Supported by design
INS2000	XNET.A1-1.1.9.1104	H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	
IPM3063N		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Supported by design
IPM3063P		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

CNB



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
IS1765x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	1/1	Yes	Yes	Yes	Supported by design
ISMC1063N		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	Yes	Yes	Supported by design
ISMC1063P		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	Yes	Yes	Supported by design
ISMC1063x	XNET.A1-1.01.11.0125	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	
ISS2765NW		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	Supported by design
ISS2765PW		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	Supported by design
ISS2965x	Refer to ISMC1063x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	Supported by design
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	
IVP4030VR		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	Supported by design
IXC2050IR	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

CORUM										
CORUM CCTV										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
CS-190-IO / CS-190-IP / CS-190-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Supported by design
CS-265-IO / CS-265-IP / CS-265-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Supported by design
CS-285-IP / CS-285-IW		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	-	Supported by design
CS-325-IO / CS-325-IP		H.264 M-JPEG	1	1600x1200	1-way	1/1	-	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	-	Supported by design
CS-410-IP / CS-410-IW / CS-415-IP / CS-415-IW		H.264 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Digital Watch Dog



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Remarks
MPA20M	1.0.0.0	H.264 MPEG4 M-JPEG	1	1920x1080	-	-	-	-	-	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:	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.										

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Dahua										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
HDB3300N		H.264 M-JPEG	1	2048x1536	1-way	2/1	Yes	Yes	-	Supported by design
HDB3300P		H.264 M-JPEG	1	2048x1536	1-way	2/1	Yes	Yes	-	Supported by design
HDBW3300N	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	2048x1536	1-way	2/1	Yes	Yes	-	
HDBW3300P		H.264 M-JPEG	1	2048x1536	1-way	2/1	Yes	Yes	-	Supported by design
HF3110N		H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Supported by design
HF3110P	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	
HF3211P	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	
HF3300N	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	
HF3300N-W		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Supported by design
HF3300P		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Supported by design
HF3300P-W		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Supported by design
Note:	HP3300 series: there may be image noise of dual stream, which can be observed from the camera web as well.									
Note:	Setting preset point doesn't work properly.									
Note:	PTZ is only supported by external RS-485 device.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

D-Link



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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
DCS-3110		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	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	Supported by design
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	
Note: PTZ Support: zoom only.										
DCS-3420		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Supported by design
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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

D-Link



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
DCS-5610		MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Supported by design
DCS-6110	1.00	M-JPEG	1	720x576	-	1/1	-	Yes	Yes	
DCS-6111	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	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
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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

DYNACOLOR										
 always watching										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
NH061-CCD	CCD-cameraFw-100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	
Note:	Camera FW is not stable enough, so camera is likely disconnected after modifying parameters. Current workaround is turning off and on to reboot camera. Remove resolution 1280x720 in H.264 codec due to broken image problem. Known FW issue: audio may be broken in certain operation.									
NH221-CCD	CCD-cameraFw-100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	
Note:	Remove resolution 1280x720 in H.264 codec due to broken image problem. The image is broken badly when configuring to the highest resolution, fps, and quality under H.264/MPEG4 with UDP protocol. Known FW issue: audio may be broken in certain operation.									
V1-A		H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Supported by design
V1-B	d20100630NS	H.264 M-JPEG	1	1920x1080	1-way	-	-	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	Supported by design
V2-B	d20100826NS	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	
V6-A		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
V6-B	d20100630NS	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Eneo										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
NXD-1401M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	
NXD-1402M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	
Note:	Audio is disabled currently for camera FW bug: NXC-1301M, NXC-1302M, NXC-1401M, NXC-1402M, NXD-1301M, NXD-1302M, NXD-1401M and NXD-1402M									
Note:	PTZ is only supported by external RS-485 device.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

Everfocus



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	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	
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	-	
EHN3200	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	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	-	
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 MPEG4 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	
EVS200AW	1.2.8	H.264 MPEG4 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	Supported by design
Note:	EVS200A/EVS200AW: Fix stream 1 as recording stream and fix stream 2 for mobile client used. PTZ is only supported by external RS-485 device.										
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	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Everfocus



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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Fine



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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Fine



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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	-	
SP-PYIR737-LA-IP		H.264 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	Supported by design
SP-PTIR737-IP	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	0/0	Yes	Yes	-	
TCMA-99		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Supported by design
TCMP-99		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Supported by design
TCP-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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Fine



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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	-	Supported by design
TCP-VM501	V1.0.14_F	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	yes	-	
WB-8211SD		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	Supported by design
WB-8211SDU		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	Supported by design
WB-8411		MPEG4 M-JPEG	4	720x480	1-way	4/1	-	Yes	-	Supported by design
WB-8412	V2.2.26_F	MPEG4 M-JPEG	4	688x448	1-way	4/4	Yes	Yes	-	
WB-H811		H.264 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Supported by design
WB-H814	V1.0.40_F	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	-	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Forenix



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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	Supported by design
AWB-H811		H.264 M-JPEG	1	720x480	-	2/2	Yes	Yes	Yes	Supported by design
AWB-H814		H.264 M-JPEG	1	720x576	-	4/4	-	Yes	Yes	Supported by design
B0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Supported by design
B1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Supported by design
C1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Supported by design
C1100-W		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Forenix



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
C2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Supported by design
D0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Supported by design
D1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Supported by design
D2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Supported by design
GE-100-VS		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

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Grandstream										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
GXV-3501	0.0.4.25	H264 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	
GXV-3504	0.0.4.25	H264 M-JPEG	4	704x480	1-way	4/4	Yes	Yes	-	
GXV-3601	0.0.4.25	H264 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	
GXV-3601HD	0.0.4.25	H264 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	-	
GXV-3601LL	0.0.4.25	H264 M-JPEG	1	720x576	1-way	1/1	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	-	
GXV-3611LL	1.0.4.31	H264 M-JPEG	1	720x576	1-way	1/1	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	-	
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-3651FH	0.0.1.51	H264 M-JPEG	1	2560x1920	1-way	1/1	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	-	
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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Grundig										
FOR A GOOD REASON GRUNDIG										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
GCI-0735P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Supported by design
GCI-C0745P	720110412NS	H.264 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	
GCI-H0503B	720110422NS	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	
GCI-H0522V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
GCI-H0602B		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
GCI-K0322V	720110413NS	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	
GCI-K0503B		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Supported by design
GCI-K0512W		H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Supported by design
GCI-K0523T		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

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HIKVision



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

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	V2.0 100628	H.264	1	1600x1200	-	-	-	Yes	-	
DS-2CD732F-E	20100320	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	
DS-2CD733F-E	V2.0 100716	H.264	1	640x480	1-way	2/2	Yes	Yes	-	Tested by manufacturer
DS-2CD752MF-E		H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Supported by design
DS-2CD752MF-FB	20100320	H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	
DS-2CD753F-E	V2.0 100628	H.264	1	1600x1200	1-way	2/2	Yes	Yes	-	Tested by manufacturer
DS-2CD762MF-FB	20100320	H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	
DS-2CD792NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
DS-2CD792PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
DS-2CD793PFW D-E	V2.0 100628	H.264	1	704x576	1-way	2/2	Yes	Yes	No	Tested by manufacturer
DS-2CD802NF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
DS-2CD802NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
DS-2CD802NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
DS-2CD802PF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

HIKVision



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

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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

HIKVision										
		New-platform models: FW 20100628 is compatible Old-platform models: only FW 20100320 is acceptable								
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
DS-2CD812P-IR5		H.264	1	704x576	1-way	1/1	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	Supported by design
DS-2CD852MF-E	20100320	H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	
DS-2CD862MF-E		H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	Supported by design
DS-2CD863PF-E	V2.0 100628	H.264	1	1280x960	1-way	1/1	Yes	Yes	-	Tested by manufacturer
DS-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	Supported by design
DS-6101HFI-IP	V2.0 101112	H.264	1	704x576	-	1/1	-	Yes	-	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

HIKVision



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

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
Note:	PTZ is only supported by external RS-485 device.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Honeywell



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
ACUIX	1.5.6	MPEG4	1	4CIF	-	-	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	-	-	-	
Note:	Disable input function due to camera FW.									
HD3MDIP	7.07	MPEG4	1	1280x720	1-way	-	-	Yes	-	
HD4MDIP	8.04	MPEG4	1	1280x720	1-way	-	-	Yes	-	
HNVE1	6.3.4	MPEG4	1	4CIF	1-way	-	-	-	-	
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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

IQinVision										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	-	
Note: Not support audio in M-JPEG.										
IQD31S	V3.1/6	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	
Note: Not support audio in M-JPEG										
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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

LevelOne										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	Supported by design
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-1121	1.0.0.33	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	
FCS-1131	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

LevelOne										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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	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.									
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-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	Supported by design
FCS-4041	LE20111116NSA	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	
Note:	Not recommend to setting MJPEG Q Factor over 60 on camera web, because the video may be broken due to camera limitation.									
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	
FCS-5030	0100a2	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	
Note:	No audio support in M-JPEG.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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LevelOne										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	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
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	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Linksys										
 A Division of Cisco Systems, Inc.										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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.								

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Lumenera										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	-	-	-	-	-	Supported by design
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	-	-	-	-	-	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Mobotix



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
D12D-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
D12D-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Supported by design
D22M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
D22M-IT	MX-V3.4.0.9	MxPEG M-JPEG	1	640x480	1-way	2/2	-	Yes	-	Supported by design
D22M-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Supported by design
D24-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
D24-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
D24-Sec	MX-V4.0.1.15 (2009-07-20)	MxPEG M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	
M10D	M10-V2.2.2.17	MJPEG	1	2048x1536	1-way	-	-	Yes	-	
M12D-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
M12D-Sec	MX-V3.4.0.9	MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	
M12D-Web		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Supported by design
M22M-IT		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
M22M-Sec		MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Supported by design
M24	MX-V4.0.4.19	MxPEG M-JPEG	1	2048x1536	1-way	-	-	Yes	-	
Q22M-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
Q22M-Sec	MX-V3.4.5.10	MxPEG M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	Supported by design
Q24-Basic		MxPEG M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
Q24-Sec	MX-V4.0.1.7	MxPEG M-JPEG	1	2048x1536	1-way		-	Yes	-	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Mobotix



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
T24	MX-V4.0.4.19	MxPEG M-JPEG	1	2048x1536	1-way	7/3	-	Yes	-	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NetworkCamera

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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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ONVIF



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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated 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	Remarks
BB-HCE481		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Supported by design
BB-HCM100	1.3	M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	
BB-HCM110	1.3	M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	
BB-HCM311		M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Supported by design
BB-HCM331	1.3	M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	
BB-HCM371		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Supported by design
BB-HCM381	1.3	M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	
BB-HCM403		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Supported by design
BB-HCM511	1.3	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	
BB-HCM515	3.11R01	MPEG4 M-JPEG	1	1280x1024	1-way	2/1	-	Yes	Yes	
Note:	No audio support in M-JPEG @ 1280x1024.									
BB-HCM527		MPEG4 M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Supported by design
BB-HCM531	3.51R00	MPEG4 M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	
BB-HCM547A	3.60R00	MPEG4 M-JPEG	1	640x480	1-way	2/1	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	Supported by design
BB-HCM581	1.3	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	
BB-HCM701	4.30R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	
BB-HCM705	4.11R01	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/0	-	Yes	Yes	
BB-HCM715		H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Panasonic										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
BB-HCM735	1.05-03 (100303-02)	H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	
BB-HCS301		M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
BL-C1		M-JPEG	1	640x480	-	-	-	Yes	Yes	Supported by design
BL-C10		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Supported by design
BL-C101	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	
BL-C111	3.10R01	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	
BL-C121	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	
BL-C131		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Supported by design
BL-C140A	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	
BL-C160	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	
BL-C20		M-JPEG	1	640x480	-	-	-	Yes	Yes	Supported by design
BL-C210	4.31R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	
BL-C230		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Supported by design
BL-C30		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Supported by design
KX-HCM110		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Supported by design
KX-HCM280A		M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Supported by design
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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated 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	Remarks
DG-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
DG-NP304	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Supported by design
DG-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
DG-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	
DG-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
DG-NS954	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
DG-NW960	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
DG-NW964	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
DG-SF334	1.03 1.05	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	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	-	
Note:	On-edge motion works abnormally when "face detection" function is enabled. Not support PTZ currently.									
WJ-NT304	1.04	M-JPEG	4	640x480	-	-	Yes	-	-	
WJ-NT314		M-JPEG	4	640x480	1-way	-	Yes	-	-	Supported by design
WV-NF284		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
WV-NF302	1.40E4_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	
WV-NM100		MPEG4 M-JPEG	1	640x480	-	-	Yes	-	-	Supported by design
WV-NP1000		M-JPEG	1	1280x960	1-way	-	-	Yes	-	Supported by design
WV-NP1004	1.21	M-JPEG	1	1280x960	1-way	-	-	Yes	-	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated 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	Remarks
WV-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
WV-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Supported by design
WV-NP304	1.50E5_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	
WV-NP472		M-JPEG	1	640x480	-	-	-	Yes	-	Supported by design
WV-NP502	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	
WV-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
WV-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
WV-NS324		M-JPEG	1	640x480	-	-	Yes	Yes	-	Supported by design
WV-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
WV-NS954	1.06E0	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	
Note:	Audio is abnormal in MPEG4 format.									
WV-SC384	Refer to WV-SC385	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SC385		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SF132	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Supported by design
WV-SF135	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Supported by design
WV-SF332		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SF335		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SF336	1.05	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	
Note:	On-edge motion 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	-	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Panasonic										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
WV-SF346	Refer to WV-SF336	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SP102		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SP105		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SP302		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SP305		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-SP306	1.04	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	
Note: On-edge motion works abnormally when "face detection" function is enabled.										
WV-SW152/M	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Supported by design
WV-SW155/M	1.03	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	
WV-SW352	Refer to WV-SW352	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Supported by design
WV-SW355	1.41	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	
WV-SW395		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Supported by design
WV-NW484S	1.10ED	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	
WV-NW502S	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	
WV-NW960	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design
WV-NW964		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Pelco										
 by Schneider Electric										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
D5118	Software Version : 1.6.13.9310-A1.4657 Hardware Version : 9310-A1.1-10345	H264 JPEG	1	1280x960	-	-	Yes	-	-	
Note:	Do not support to "clear all" preset points.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

PIXORD



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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

Probe



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Remarks
PMI-H2000	v1.0.0_20120106	H264 M-JPEG	1	1920x1080 (1080i)	1-way	-	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.										

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
SNB-1000	v1.07_110407	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	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-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-5000	v1.33_110218	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	
SNB-7000	Refer to SNB-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Supported by design
SNC-B2315	2.01	MPEG4 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	MPEG4 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	MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	
SNC-C7225	1.01	MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Supported by design
SNC-C7478	v1.01_090625	MPEG4 M-JPEG	1	720x576	1-way	8/4	Yes	Yes	-	
SNC-M300	v2.11_090729	MPEG4 M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	
SND-1010	v1.07_110407	H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	-	
Note:	This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

Samsung										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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-3080		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	Supported by design
SND-5080/F	v2.00_110608	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	
SND-7080	v1.10_110819	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	
SNO-5080R	v1.00_110514	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	
SNP-3120/V/VH	v1.24_110816	H.264 MPEG4 M-JPEG	1	704x480	1-way	2/2	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	-	
SNP-3370	v1.21_110310	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	
Note:	SNP-3301/SNP-3370: not support QCIF resolution with H.264 through TCP.									
SNP-3430H	v1.10_110818	H.264 MPEG4 M-JPEG	1	704x480	1-way	8/4	Yes	Yes	-	
Note:	This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.									
Note:	There is a camera FW issue that we cannot get VBR/CBR info to show quality or bit rate correctly. Please upgrade to FW 1.11_111103 to fix it.									
Note:	Voice cracks in the video exported with ASF format, while the audio of video file is correctly recorded actually. Please choose to export with AVI format.									
Note:	Not support Area Zoom due to protocol limitation.									
Note:	The speed selections of PTZ and focus in LiveView is not synchronized with camera web due to protocol limitation.									
SNP-5200		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	4/2	-	Yes	-	Supported by design
SNP-5200H	v1.02_110603	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	4/2	-	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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Samsung										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
SNV-3080		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	Supported by design
SNV-3120	v1.24_110816	H.264 MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	-	-	
Note:	PTZ: support zoom and focus.									
SNV-5010	v2.00_110727	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	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	-	Supported by design
SNV-5080R	v1.00_110421	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	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.									
SNV-7080	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Supported by design
SNV-7080R	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Supported by design
SNZ-5200	v1.05_111216	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	
SPE-100	v1.19_110317	H.264 MPEG4 M-JPEG	1	704x480	1-way	1/1	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.									
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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

SANTEC



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
SNC-3302	Refer to SNC-4302	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Supported by design
SNC-3342		H.264	1	1600x1200	-	-	-	-	Yes	Supported by design
SNC-3901MDN	5.2.3	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	
SNC-3903M	9.6.1	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	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	
Note: PTZ is only supported by external RS-485 device.										
SNC-4302	1.0.0.9	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	
SNC-5211MIR	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
SNC-521IR/W	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	
SNC-5312IR	Refer to SNC-4302	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Supported by design
SNC-5321MIR		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
SNC-565IR/W	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	
SNC-6163ID		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
SNC-620/W	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	Tested by manufacturer
SNC-6201M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
SNC-6221MIR	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
SNC-6223MIR		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
SNC-6301M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
SNC-6302	Refer to SNC-4302	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

SANTEC



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
SNC-6303M		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
SNC-6312IRH	Refer to SNC-4302	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Supported by design
SNC-6332		H.264	1	1600x1200	-	-	-	-	Yes	Supported by design
SNC-670ID/W	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	Tested by manufacturer
SNC-P3601M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
SNC-P3603M		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Supported by design
Note:	On-edge motion: H.264 and MPEG4 (3 megapixel cameras).									
SVS-1100	1.1.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	
SVS-3001		H264 M-JPEG	1	720x480	1-way	1/1	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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Sanyo										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
VCC-HD2100		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Supported by design
VCC-HD2100P		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Supported by design
VCC-HD2300		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Supported by design
VCC-HD2300P		H.264 M-JPEG	1	2288x1712	-	2/2	-	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	-	
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	-	
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	-	
Note: PTZ support: zoom, preset, and focus										
VCC-HD4600P		H.264 M-JPEG	1	2288x1712	1-way	2/2	Yes	Yes	-	Supported by design
VCC-HD5400		H.264 M-JPEG	1	2288x1712	1-way	4/2	Yes	Yes	-	Supported by design
VCC-HD5400P		H.264 M-JPEG	1	2288x1712	1-way	4/2	Yes	Yes	-	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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NUUO version 1.4.0_release date_2012.3

Sanyo										
SANYO										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	-	
Note:	PTZ Support: enable move feature is supported in NVRmini v2.3.2 and above version; 9~16 preset point are invalid in NVRmini v2.3.1 Max Resolution: 2288x1712(M-JPEG), 1920*1080(H.264)									
VCC-HD5600P		H.264 M-JPEG	1	2288x1712	1-way	8/2	Yes	Yes	-	Supported by design
Note:	PTZ Support: enable move feature is supported in NVRmini v2.3.2 and above version; 9~16 preset point are invalid in NVRmini v2.3.1 Max Resolution: 2288x1712(M-JPEG), 1920*1080(H.264)									
VDC-HD3100		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Supported by design
VDC-HD3100P		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Supported by design
VDC-HD3300	MAIN 1.00-14, SUB 1.00-02	H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	
VDC-HD3300P		H.264 M-JPEG	1	2288x1712	-	2/2	-	Yes	-	Supported by design
VDC-HD3500		H.264 M-JPEG	1	2288x1712	1-way	2/2	-	Yes	-	Supported by design
VDC-HD3500P		H.264 M-JPEG	1	2288x1712	1-way	2/2	-	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									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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Sony											
SONY											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Remarks
SNC-CH110/B / SNC-CH110/S	1.27.00	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	
SNC-CH120	1.30.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	
SNC-CH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	
SNC-CH160	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	
SNC-CH180	1.26.01	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	
SNC-CH210/B / SNC-CH210/S	1.12.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	
SNC-CH220	1.21.02	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	
SNC-CH240	1.10.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	
SNC-CH260	1.30.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	
SNC-CH280	1.26.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	
SNC-CM120	1.00	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	
SNC-CS10		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Supported by design
SNC-CS11	1.05	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	
SNC-CS20		MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Supported by design
SNC-CS3		M-JPEG	1	736x480	-	1/2	-	-	-	Yes	Supported by design
SNC-CS50	2.21	MPEG4 M-JPEG	1	640x480	1-way	2/2	-	Yes	-	Yes	
SNC-DF40	1.17	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	
SNC-DF50	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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Sony											
SONY											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Remarks
SNC-DF70	1.17	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	
SNC-DF80	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	
SNC-DF85		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Supported by design
SNC-DH110/B / SNC-DH110/W	1.27.02	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	
SNC-DH110T/B / SNC-DH110T/W	Refer to SNC-DH110	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Supported by design
SNC-DH120	1.12.03	H.264 MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	
SNC-DH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	
Note:	The issue that "motion detection will be turned off upon changing to maximum resolution" is fixed in 1.31.00.										
SNC-DH160	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	
SNC-DH180	1.10.02	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	
SNC-DH210/B / SNC-DH210/W		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design
SNC-DH210T/B / SNC-DH210T/W	1.27.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	
SNC-DH220	1.50.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	
SNC-DH220T	Refer to SNC-DH220	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Supported by design
SNC-DH240	1.11.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	
SNC-DH260	1.30.00	H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	Yes	-	Yes	
SNC-DH280	1.26.01	H.264 MPEG4 M-JPEG	1	1921x1440	1-Way	1/2	-	Yes	-	Yes	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec



NUUO version 1.4.0_release date_2012.3

Sony											
SONY											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Remarks
SNC-DM110		MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Supported by design
SNC-DM160	1.01	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	
SNC-DS10	1.01	H.264 MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	
SNC-DS60	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	
SNC-EP520	1.40.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	
SNC-EP521	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	
SNC-EP550	Refer to SNC-ER550	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	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	
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	
SNC-ER521	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	
SNC-ER550	1.40.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	-	Yes	
SNC-ER580	1.51.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/1	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	
SNC-P5	1.11	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	-	Yes	
SNC-RH124	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	
SNC-RH164	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	
SNC-RS44N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNC-RS44P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec



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Sony											
SONY											
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Remarks
SNC-RS46N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	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	
SNC-RS84N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNC-RS84P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNC-RS86N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNC-RS86P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Supported by design
SNC-RX530	3.00	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	
SNC-RX550		H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Supported by design
SNC-RX570	3.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	
SNC-RZ25	1.29	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	
SNC-RZ30	3.14	M-JPEG	1	736x480	-	3/2	Yes	-	-	Yes	
SNC-RZ50	2.21	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	
SNC-Z20	1.06	M-JPEG	1	736x480	-	1/2	Yes	-	-	Yes	
Note:	PTZ Support: zoom only.										
SNT-EP104		H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Supported by design
SNT-EP154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	
SNT-EX101		H.264 MPEG4 M-JPEG	1	720x480	1-way	2/2	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	
SNT-EX104	1.10.01	H.264 MPEG4 M-JPEG	4	PAL:720x576 NTSC:720x480	1-way	4/4	Yes	Yes	-	Yes	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Sony

SONY

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Remarks
SNT-EX154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	-	Yes	
SNT-V704	2.15	MPEG4 M-JPEG	4	720x480	1-way	1/4	-	-	-	Yes	
Note:	For 5th Generation models: turn off "solid PTZ" function on camera web, or resolution we receive might be incorrect, which is kind of ROI issue.										
Note:	There are some restrictions of motion detection on some 5th Generation models, please check with camera vendor for details. 5th Generation models for example: SNC-CH110, SNC-CH120, ..., SNC-DH160, SNC-DH260.										

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

StarDot										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	-	
Note:	Camera doesn't support adjust framerate.									
SDH130B		H264 M-JPEG	1	1296x976	-	1/0	-	Yes	-	Supported by design
SDH130V		H264 M-JPEG	1	1296x960	-	1/0	-	Yes	-	Supported by design
SDH130BN		H264 M-JPEG	1	1296x976	-	1/0	-	Yes	-	Supported by design
SDH130VN		H264 M-JPEG	1	1296x960	-	1/0	-	Yes	-	Supported by design
SDH300B		H264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Supported by design
SDH300V		H264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

StarDot										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
SDH500B		H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Supported by design
SDH500V		H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Supported by design
SDH500BN	1.1.68	H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	
SDH500VN		H264 M-JPEG	1	2560x1944	-	1/0	-	Yes	-	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

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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	Remarks
SN-IPC54/11DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	Supported by design
SN-IPC54/12DN		H.264 M-JPEG	1	1920x1080	1-way	-	-	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	Supported by design
SN-IPS54/60DN/Z36		H.264 M-JPEG	1	704x576	1-way	-	-	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.										

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Toshiba

TOSHIBA

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	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	
IKWD01A	0100a	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

TRUEN										
TRUEN										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
TCS-200	Enc: V1.104A-035	H.264	1	720x576	1-way	2/2	Yes	Yes	-	
TCS-2000	Enc: V1.103C-005	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	
TCS-300	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	2/2	Yes	Yes	-	
TCAM-330		H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	Supported by design
TCAM-351		H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	Supported by design
TCAM-370	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	
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	-	
TCAM-531	Enc: V1.103C-005	H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	
TCAM-531BIR		H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Supported by design
TCAM-540	Enc: V1.103C-006	H.264 MJPEG	1	1920x1280	1-way	1/1	-	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	-	Supported by design
TCAM-570	Enc: V1.103A-031	H.264 M-JPEG	1	1920x1080	1-way	2/2	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)									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

UDP



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
IPE1100M		H.264 MPEG4 M-JPEG	1	720x582	1-way	1/1	-	Yes	Yes	Supported by design
IPE3100		H.264 MPEG4 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Supported by design
IPE3500		H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Supported by design
IPE3500M	1.6.7	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	
IPE4100	1.6.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	Yes	
IPE5500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Supported by design
IPE6500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Supported by design
IPE7500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Supported by design
NVC1000	1.6.7	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	
NVC4000	1.6.7	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	Yes	
NVC4000-R12		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	Yes	Supported by design
NVC4000-R40		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Videosec



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
IBF-211	5.0.2.3874	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	
ICS-13	CCD-cameraFw-100811P et20110215NS	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	-	
ICS-20F	et20110215ANS	MJPEG H2.64	1	1920x1080	1-way	1/1	-	Yes	Yes	
Note:	With HW restrictions, the video @ H.264 with TCP protocol is not smooth in the second and third high resolution.									
ID-20	et20110215ANS	MJPEG H2.64	1	1920x1080	1-way	-	-	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	Tested by manufacturer
IP-206M	5.a.2.4031	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	
IS-240		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	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									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Vista



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
VK2-1080VRD	2.2.64	H.264 M-JPEG	1	1920x1080	1-way	2/0	-	Yes	Yes	
VK2-2MPVRD	2.2.64	H.264 M-JPEG	1	1600x1200	1-way	2/0	-	Yes	Yes	
Note:	VK2-1080VRD/VK2-2MPVRD: on-edge motion of video with M-JPEG codec works only as stream 1 is enabled on camera web.									
Note:	VK2-1080VRD/VK2-2MPVRD: camera may be disconnected if users configure format as H.264 on one NVR and configure format M-JPEG on another.									
VK2-540VRD	2.1.8-release	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	
VK2-600PTZ	2.1.8-release	H.264 MPEG4	1	704x576	1-way	1/0	Yes	Yes	Yes	
Note:	The operation of setting preset point is special because setting password is a must. We suggest users finish preset point settings on camera web.									
VK2-VGAVFD	1.7.4-T2_release	H.264 MPEG4	1	640x480	-	1/0	-	Yes	Yes	
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.									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

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VIVOTEK										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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	
FD7131		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Supported by design
FD7132	0100f	MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	
FD7141	0100g	MPEG4 M-JPEG	1	720x480	-	1/1	-	Yes	Yes	
Note: MPEG4: Unable to connect through HTTP.										
FD7160		MPEG4 M-JPEG	1	1600x1200	-	-	-	Yes	Yes	Supported by design
FD8133		H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Supported by design
FD8133V	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Supported by design
FD8134	0100e	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	
FD8134V	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Supported by design
FD8161	0100h	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Supported by design
FD8162	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Supported by design
FD8361	0100d1	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	
FD8361L	Refer to FD8361	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Supported by design
FD8362	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	
FD8362E	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Supported by design
FE8171V	0100d	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	
Note: De-wrap function is integrated in NVR v1.4.0.										

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

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

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

VIVOTEK



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
IP61X7		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Supported by design
IP7130	0100c	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	
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	
IP7134	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	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	
IP7139		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	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	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	Supported by design
IP7154	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	
IP7160	0101b	MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	
IP7161		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	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	

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

VIVOTEK										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
Note:	MPEG4: Unable to connect through HTTP.									
IP7330		MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	Supported by design
IP7361		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Supported by design
IP8132		H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	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	*
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.									
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	
IP8162	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	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
IP8330	0100e	H.264 MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	
IP8331	0100c	H.264 MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	
IP8332		H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Supported by design
IP8352	0100g	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	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.									
IP8362	0100d	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

VIVOTEK										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
IZ7151		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
Note: PTZ Support: zoom only.										
MD7530	0100d	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	
MD7560	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	
MD7560X	Refer to MD7560	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	Supported by design
MD8562	0100c	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	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
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
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	
PZ7132		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

NVRmini 2 Supported Camera Spec

NUUO version 1.4.0_release date_2012.3

VIVOTEK										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
PZ7151	0101b	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	
Note:		MPEG4: Unable to connect through HTTP.								
PZ7152		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
PZ71X1		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
PZ71X2		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	Supported by design
PZ81x1	0100e	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	
PZ81x1W	Refer to PZ81x1	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	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	
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	Supported by design
SD81X1	0100e	MPEG4 M-JPEG	1	704x576	1-way	4/1	Yes	Yes	Yes	
SD8362E	0102b	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	3/2	Yes	Yes	Yes	
SD83x1E	Refer to SD83x3	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	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	Supported by design
Note:		SD83x1E and SD83x2E are detected as SD83x3E.								
SD83x3E	0100g	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes	Yes	Yes	
TC5330		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Supported by design
TC5331		MPEG4	1	720x576	1-way	-	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

VIVOTEK										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
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	
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	-	*
Note:		Audio: All cameras don't support AAC audio codec, but GSM-AMR.								

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
B5110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
B6110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
D510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
D5110	Refer to D5111	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Supported by design
D5111	MG.1.6.03P7_app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	
D520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
D610A	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	
D6111	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
D611E	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	
F210A	LM.1.6.15	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	
F3100	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Supported by design
F3105	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Supported by design
F312A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Supported by design
F5100	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
F5105	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
F510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
F510W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
F5110	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design
F5115	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Zavio										
										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
F511E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
F511W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
F520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
F521E	LM.1.6.16.03	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	Supported by design
F611E	LM.1.6.16.007	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	
F7110	MG.1.6.03P3_r1072	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	
F7115	Refer to F7110	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	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	
F721A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Supported by design
F731E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Supported by design
M510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only									
M510W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	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	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	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	Supported by design
Note:	PTZ Support: pan and tilt only									

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO

Zavio



Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Remarks
P5115	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	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	Supported by design

Supported by design: This camera shares the same API with tested cameras, but has not been tested or validated by NUUO