

# Zavio



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

### For multi stream support:

Yes: multi stream fix to 500kbps/100kbps  
 Yes\*: multi stream setting support in Cystal

### For PTZ:

Yes\*: Joystick support to control PTZ speed in Crystal

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
<b>B5010</b>	Refer to Beward N600 (M2.0.9.13.1	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
<b>B5110</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>B5111</b>	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
<b>B5210</b>	M2.1.6.02C014	H.264 MPEG4 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
Note:	For B5210, the frame rate is not enough when using TCP and HTTP connection.										
<b>B6110</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>B6210</b>	02_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	
<b>B6320</b>	01_c006	H.264 H.265 M-JPEG	1	2048x1520	-	-	-	Yes	Yes	Yes*	
<b>B7210</b>	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	Yes	Yes	
Note	1. Setting will failed when setting the resolution to 640x360.(Camerat firmware issue) 2. Camera is unable to achieve maximum FPS.(Camera performance limitation) 3. Camera setting will fail randomly.(Camera firmware issue)										
<b>B7320</b>	M3.1.5.17	M-JPEG H.264	1	2048x1536	1-way	2/2	-	Yes	Yes	Yes	
Note	1.Not support audio in.										
<b>B7510</b>	M3.1.5.19	H264 MJPEG	1	2560x1920	1-way	2/2	-	Yes	Yes	Yes	
<b>B8210</b>	M2.1.5.20	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	
<b>B8220</b>	01_C007	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes*	Yes	Yes	Yes*	

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Note:	1.The max resolution of stream3 will not sync with camera web. (Camera firmware issue) 2. Audio has noise with AMR. (Camera firmware issue) 3. Not G.726 support. (NUUO server limitation) 4. Camera is unable to achieve maximum FPS when audio codec is AMR. (Camera performance limitation)										
<b>D3100</b>	M2.1.6.02.0830	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
Note:	1. Not support audio.										
<b>D3200</b>	M2.1.6.02C066	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1920x1080 and 1280x800. It's the limitation of hardware										
<b>D4210</b>	M2.1.5.11	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
<b>D4211</b>	Refer to D4210(M2.1.5.11)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
<b>D510E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D5110</b>	Refer to D5111	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>D5111</b>	MG.1.6.03P7_app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	
<b>D5112</b>	Refer to D5113 (M2.1.6.01)	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design
<b>D5113</b>	M2.1.6.01	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	
<b>D520E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>D5210</b>	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes*	
Note:	Due to camera restriction, some video setting will fail. This situation will be same as camera web. (Camera performance limitation)										

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
D610A	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D6111	MG.0.6.01_C 1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D611E	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D6210	Refer to B6210(02_C 002)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design
D6320	Refer to B6320(01_c 006)	H.264 H.265 M-JPEG	1	2048x1520	-	-	-	Yes	Yes	Yes*	Supported by design
D7110	MG.1.6.03P7 _app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	Yes	Yes	
D7111	Refer to D5113	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design
D7210	M2.1.6.02C0 66	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1920x1080 and 1280x800. It's the limitation of hardware										
D7320	M3.1.5.21	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	Frame rate can't reach setting value										
D7510	M3.04.15.C0 1	H.264 M-JPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Framerate support 1~15 only. 2. Connecting stream by RTSP over HTTP in high video quality will cause delayed image and broken voice.										
D8210	Refer to B8210(M2.1. 5.20)	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design
D8220	Refer to B8220(01_C 007)	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes*	Yes	Yes	Yes*	Supported by design
F1100	Refer to F1105	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	Supported by design

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F1105	BP.1.6.01_C1	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
F210A	LM.1.6.15	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
F3100	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
F3101	Refer to F3106	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
F3102	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware										
F3105	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
F3106	MG.1.6.03C8	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
F3107	M2.1.6.05	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*	
Note:	1. 1.Audio via AMR has noises. (Firmware issue)										
F3110	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware										
F3115	M2.1.6.02C045	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. There is no audio when using AMR 7.95 2. The talk function is unworked in AMR mode. 3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware										
F312A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
F3201	Refer to F3206	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	

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<b>F3206</b>	M2.P2P_0314	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	Yes	Yes	
<b>F3210</b>	M2.1.6.03C019	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	For F3210, Video resolution can not change when only setting resoluion.										
<b>F3215</b>	M2.1.6.05C016	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
Note:	Resolution list is not synchronized with camera web due to resolution setting limitation. (Camera limitation issue)										
<b>F5100</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F5105</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F510E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F510W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F5110</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F5115</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F511E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F511W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F520E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F521E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F531E</b>	LM.1.6.18P9_testport2	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>F610A</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design

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<b>F611E</b>	LM.1.6.16.007	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
<b>F7110</b>	MG.1.6.03P3_r1072	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	
<b>F7115</b>	Refer to F7110	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
<b>F7210</b>	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	
<b>F721A</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
<b>F731E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
<b>Generic</b>	Tested by P6210(2.1.5.20)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes*	
Note:	Generic: 1. It may fail to set Profile 2 to 1920x1080 or 1280x720. (Camera Firmware Issue) 2. Not support to set profile 3 to 1920x1080 or 1280x720; while the setting is supported in camera web. (Camera Firmware Issue)										
<b>M510E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>M510W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>M511E</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>M511W</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>P5110</b>	MG.0.6.01_C1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support: pan and tilt only										
<b>P5111</b>	Refer to P5116	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

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<b>P5115</b>	MG.0.6.01_C 1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	PTZ Support: pan and tilt only										
<b>P5116</b>	M2.1.6.02	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1. PTZ Support pan and tilt only. 2. There is no audio when using AMR 7.95 3. The max frame rate of MPEG4 and MJPEG is up to 20 FPS in 1280x800. It's the limitation of hardware.										
<b>P6210</b>	M2.1.5.11	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:	P6210: 1. Stream 2 CGI setting will fail when resolution of Profile3 is 1920x1080 and 1280x720. (Camera Firmware Issue) 2. The camera with higher quality and MJPEG format is unable to achieve 30 fps. (Camera Firmware Issue)										
<b>P6211</b>	Refer to P6210(M2.1. 5.11)	H.264 M-JPEG	1	1920x1080	*2	*2	*2	Yes	*2	Yes*	Supported by design
<b>V1100</b>	M2.1.6.03	H264 MJPEG MPEG4	1	704x480	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	AMR can't be used in audio in/out.										
<b>V111T</b>	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note	If enable Zavio analog video output function, it will not be able to get 2 <sup>nd</sup> stream from zavio camera.										