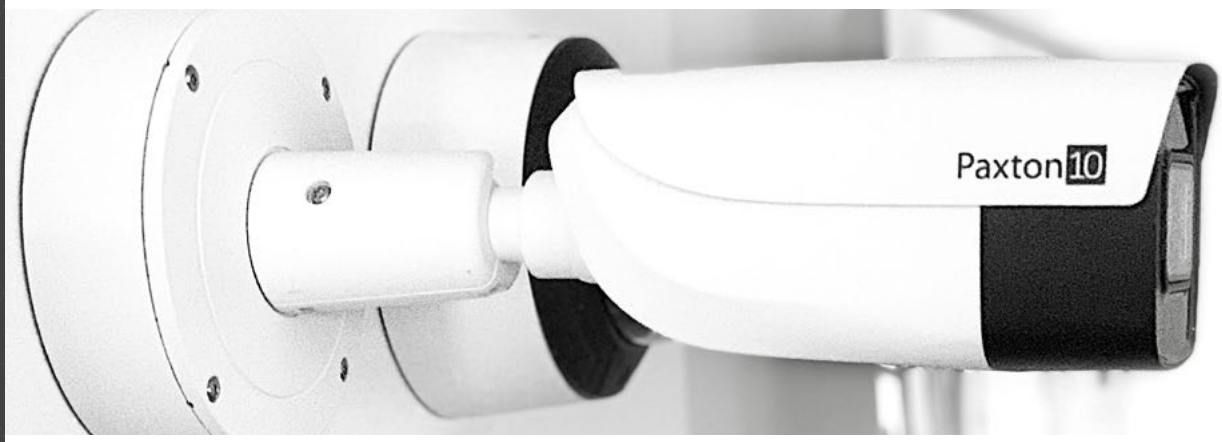
Paxton10



Paxton10 - Compatible Third-Party Cameras

Updated: 2019-02-06

Overview

This document lists all cameras tested and proven to operate reliably in conjunction with Paxton10 Video Controllers. The camera settings and RTSP stream information that were used during testing are listed below. Third-party cameras must provide 2 video streams: a high resolution main-stream and a low-resolution sub-stream (up to 640 x 480, 15 FPS). For RTSP cameras, it is recommended that you configure the streams in your camera's configuration software prior to adding them to Paxton10.

Other IP cameras which are not listed below should still be compatible with Paxton10 as most IP cameras are able to provide an RTSP stream in the compatible format: rtsp://username:password@ip_address:rtsp_port/server_URL.

APN-0054-AE

Make	Model	Type	Firmware version tested	Maximum recommended Camera settings	RTSP Main-stream Server URL	RTSP Sub-stream Server URL	Remark
Axis	M3005	Dome	5.40.5.6	1920x1080 20 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/axis-media/media.amp	rtsp://username:password@ip_address:rtsp_port/media.amp?streamprofile=<profile_name>	For sub stream: create a stream profile and replace <profile_name> with the name you have given to the stream profile.
Axis	M5055	PTZ Dome	6.53.2.1	1920x1080 20 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/axis-media/media.amp	rtsp://username:password@ip_address:rtsp_port/media.amp?streamprofile=<profile_name>	For sub stream: create a stream profile and replace <profile_name> with the name you have given to the stream profile
Bosch	IP 4000i	Dome	7.50.0079 (79500750)	1920x1080 30 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/?inst=1	rtsp://username:password@ip_address:rtsp_port/?inst=2	
Dahua	DH-IPC-HFW4831EP-SE	Mini-Bullet	System Version: 2.622.0000000.21.R	1920x1080 20 FPS 4096kpbs	rtsp://username:password@ip_address:rtsp_port/cam/realmonitor?channel=1&subtype=0	rtsp://username:password@ip_address:rtsp_port/cam/realmonitor?channel=1&subtype=1	
Dahua	DH-IPC-HFW	Mini-Bullet	System Version: 2.40.000.0.R	1920x1080 20 FPS 4096kpbs	rtsp://username:password@ip_address:rtsp_port/cam/realmonitor?channel=1&subtype=0	rtsp://username:password@ip_address:rtsp_port/cam/realmonitor?channel=1&subtype=1	
D-Link	DCS-4603	Dome	1.02.02	1920x1080 25 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/live1.sdp	rtsp://username:password@ip_address:rtsp_port/live2.sdp	
Hikvision	DS-2CD2185FWD-I	Dome	V5.5.61 build 180718	1920x1080 20 FPS 4096kpbs	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/101/	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/102/	
Hikvision	DS-2CD2143G0-I	Dome	V5.5.53 build 180622	1920x1080 25 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/101/	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/102/	

Make	Model	Type	Firmware version tested	Maximum recommended Camera settings	RTSP Main-stream Server URL	RTSP Sub-stream Server URL	Remark
Hikvision	DS-2CD2042WD-I	Mini-Bullet	V5.4.5 build 170124	1920x1080 20 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/101/	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/102/	
Hikvision	DS-2CD4A26FWD-IZS	Bullet	V5.4.5 build 171113	1920x1080 20 FPS 4096kbps	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/101/	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/102/	
Hikvision	DS-2DE4220IW-D	PTZ Dome	V5.5.2 build 170929	1920x1080 25 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/101/	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/102/	
Hikvision	DS-2CD2685G0-IZS	Bullet	V5.5.80 build 190418	1920x1080 20 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/101/	rtsp://username:password@ip_address:rtsp_port/Streaming/channels/102/	
Lilin	ZMR6522X	Dome	4.2.90_1	1920x1080 25 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/stream0	rtsp://username:password@ip_address:rtsp_port/stream1	
Lilin	ZMR8442X	Bullet	5.2.90_1	1920x1080 25 FPS 12288kbps	rtsp://username:password@ip_address:rtsp_port/stream1	rtsp://username:password@ip_address:rtsp_port/stream2	
Mobotix	Mx-i26A-AU-6D016	Fish Eye	Software: MX-V5.0.2.14	1080x720 20 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/mobotix.h264	rtsp://username:password@ip_address:rtsp_port/stream0/mobotix.mjpeg	To enable sub stream: navigate to Admin Menu > Camera Administration > Integration Protocols and check the box for 'Genetec Integration'.
Mobotix	Mx-c26A-AU-6D016	Dome	Software: MX-V5.0.2.14	1920x1080 20 FPS 3072kbps	rtsp://username:password@ip_address:rtsp_port/mobotix.h265	rtsp://username:password@ip_address:rtsp_port/stream0/mobotix.mjpeg	To enable sub stream: navigate to Admin Menu > Camera Administration > Integration Protocols and check the box for 'Genetec Integration'.

Make	Model	Type	Firmware version tested	Maximum recommended Camera settings	RTSP Main-stream Server URL	RTSP Sub-stream Server URL	Remark
Panasonic	WV-SFN130	Dome	4.00	1920x1080 20 FPS 3072kbps	rtsp://username:password@ ip_address:rtsp_port/MediaInput/ h264/stream_1	rtsp://username:password@ ip_address:rtsp_port/MediaInput/ h264/stream_2	
Samsung Wisenet	QND-7010R	Dome	Software: 1.06_171227	1920x1080 20 FPS 3072kbps	rtsp://username:password@ ip_address:rtsp_port/profile2/ media.smp	rtsp://username:password@ ip_address:rtsp_port/profile<X>/ media.smp	For sub stream: configure a new stream profile and replace <X> with the number of that stream profile.
Samsung Wisenet	QNO-6010RP	Bullet	Software: 1.01_160715	1280x960 20 FPS 4096kbps	rtsp://username:password@ ip_address:rtsp_port/H.264/media. smp	rtsp://username:password@ip_ address:rtsp_port/Sub/media.smp	
Samsung Wisenet	PNF-9010R	Dome	Software: 1.04_171226	4096x2160 20 FPS 12288kbps	rtsp://username:password@ ip_address:rtsp_port/profile2/ media.smp	rtsp://username:password@ ip_address:rtsp_port/profile<X>/ media.smp	For sub stream: configure a new stream profile and replace <X> with the number of that stream profile.
Sony	SNC-XM631	Dome	Software: 3.1.1	1920x1080 20 FPS 3072kbps	rtsp://username:password@ip_ address:rtsp_port/media/video1	rtsp://username:password@ip_ address:rtsp_port/media/video2	
Vivotek	IP8364-C	Bullet	IP8364-VVTK-0101a	1920x1080 20 FPS 3072kbps	rtsp://username:password@ ip_address:rtsp_port/live.sdp	rtsp://username:password@ ip_address:rtsp_port/live2.sdp	
Vivotek	IB8168	Bullet	IB8168-VVTK-0100e	1920x1080 15 FPS 3072kbps	rtsp://username:password@ ip_address:rtsp_port/live.sdp	rtsp://username:password@ ip_address:rtsp_port/live2.sdp	

Note: If higher resolutions are desired, we recommend that the FPS settings & bitrates are decreased to retain optimum performance.

© Paxton Ltd 1.0.0