



**Compatibility List of Third Party Devices**  
**Accessed via Plug-in**

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# Introduction

iVMS-5200 Professional (hereafter simplified as iVMS-5200 Pro), Blazer Express, and HikCentral support third party devices via the integration of ONVIF protocol.

iVMS-5200 Pro and Blazer Express support third party devices via the integration of private SDK of device vendors.

**For iVMS-5200 Pro and HikCentral**, you need to install a separated plug-in application to support the device model as follows. Through the plug-in installation package, it can increase the third party equipment and extend the functionality of the third party equipment without reinstalling the iVMS-5200 Pro or HikCentral.

**For Blazer Express**, the package is pre-installed to support third-party devices.

## **Note:**

1. The plug-in application supports:
  - iVMS-5200 Pro V3.2.200, V3.2.301, V3.3.2, V3.3.4, V3.3.6, and V3.3.7
  - HikCentral V1.0.1, V1.1, V1.1.1.
  - Blazer Express V1.0, V1.1, V1.2, V1.3, V1.3.1, and V1.4
2. Before installing the plug-in, please exit the Service Manager (Watchdog) of iVMS-5200 Pro or HikCentral.
3. If you deploy the CMS and Stream Media Server on the same hardware, you just need to install the plug-in package on the same hardware server; if you deploy them separately, you need also install the plug-in package on each hardware server.

## Devices Supported via ONVIF

**Note:**

1. ONVIF V2.2 is supported by iVMS-5200 Pro, HikCentral, and Blazer Express.
2. "NA" means the device supports the function but it's not tested or failed to pass the integration test.
3. "-" means the device doesn't support the function.
4. The live view function is tested via Web Client and Control Client.
5. The playback function is tested via Recording Server for iVMS-5200 Pro and via Hybrid SAN for HikCentral.
6. AXIS Q1635, Panasonic WV-SP306 and WV-SC385 are not tested on Blazer Express.

Manufacturer	Model	Device Type	Firmware	Compression	Live View/ Playback	PTZ Control	Motion Detection	IO Alarm	Audio
Axis	P3301	Dome Camera	5.11.2	H.264	YES	-	NA	NA	
	Q1635	Box Camera	5.75.3	H264	YES	-	NA	NA	
	P5532	Speed Dome	5.41.2	H.264	YES	YES	NA	NA	
Panasonic	WV508	Box Camera	-	H.264	YES	-	NA	NA	
	WV-SP306	Speed Dome	Application: 1.44 Image Quality Adjustment Data: 1.06	H264	YES	-	NA	NA	YES
	WV-SC385	Speed Dome		H264	YES	YES	NA	NA	YES
Sony	SNC-CH220	Box Camera	1.50.00	H.264	YES	YES	NA	NA	

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	SNC-EP521	Speed Dome	1.74.01	H.264	YES	YES	NA	NA	
	SNC-CH280	Box Camera	1.73.01	H.264	Yes	-	NA	NA	
	SNC-EB520	Box Camera	1.71.00	H.264	Yes	-	NA	NA	
Bosch	NBC-265-P	Box Camera	28500572	H.264	YES	-	YES	NA	
	Dinion NBN-921-P	Box Camera	10500453	H.264	YES	-	NA	NA	
	AUTODOME Jr 800 HD	Speed Dome	28500572	H.264	YES	YES	YES	NA	
Vivotek	IP8332	Box Camera	0104a	H.264	YES	-	NA	NA	
	IP8331	Box Camera	0102a	H.264	YES	-	NA	NA	
Samsung	SND-5080	Dome Camera	3.10_130416	H.264	YES	-	NA	NA	
	SNB-5000	Box Camera	3.03_130227	H.264	YES	-	NA	NA	
ACTi	E13	Box Camera	A1D-500-V6.05.02-AC	H.264	YES	-	NA	NA	
	D64	Dome Camera	A1D-500-V6.05.02-AC	H.264	YES	-	YES	-	
	E97	Dome Camera	A1D-500-V6.05.16-AC	H.264	YES	-	-	-	
	B97	Speed Dome	A1D-500-V6.05.23-AC	H.264	YES	-	-	-	
	E96	Dome Camera	A1D-500-V6.05.16-AC	H.264	YES	YES	-	-	
Arecont	AV20185DN-54	Box Camera	65183	H.264	YES	-	NA	NA	
	AV20365DN-84	Box Camera	65183	H.264	YES	-	NA	NA	
Canon	VB-S8000D	Dome Camera	-	H.264	YES	-	-	NA	
	VB-S300D	Speed Dome	Ver. 1.0.0	H.264	YES	YES	-	NA	
	VB-H6100D	Dome Camera	Ver. 1.0.0	H.264	YES	-	-	NA	
	VB-H7100F	Box Camera	Ver. 1.1.0	H.264	YES	-	-	NA	

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	VB-S9000F	Box Camera	Ver. 1.0.0	H.264	YES	-	-	NA	
Zavio	D7111	Dome Camera	M2.1.6.03	H.264	YES	-	NA	NA	
	F3110	Box Camera	M2.1.6.04	H.264	YES	-	NA	NA	
	P6210	Speed Dome	M2.1.5.18_T1	H.264	YES	YES	NA	NA	
	D7320	Dome Camera	M3.1.5.18	H.264	YES	NA	YES	NA	
Brickcom	FB-300Np	Box Camera	v3.2.3.5	H.264	YES	-	NA	NA	
	CB-500AP	Box Camera	v3.2.1.3	H.264	YES	-	NA	NA	
Pelco	IXE20DN	Box Camera	1.8.2-20120327- 2.9081-A1.7852	H.264	YES	-	NA	NA	
Dahua	IPC-HFW8201D	Box Camera	2.400.0000.3.R, build: 20141107	H.264	YES	-	-	NA	
	IPC-HF81200E	Box Camera	2.400.0000.1.R, build: 20140917	H.264	YES	-	-	NA	
	IPC-HFW1225M-I1	Box Camera	2.420.Dahua 00.12.R, build: 2016-04-23	H.264	YES	-	YES	NA	

## Devices Supported via Private SDK

**Note:**

1. Private SDK is supported by iVMS-5200 Pro and Blazer Express.
2. "NA" means the device supports the function but it's not tested or fails to pass the integration test.
3. "-" means the device doesn't support the function.
4. The live view function is tested via Web Client and Control Client.
5. The playback function is tested via the Recording Server for iVMS-5200 Pro.
6. iVMS-5200 Pro and Blazer Express support the following third party device models.

Manufacturer	Protocol Type	Model	Device Type	Firmware Version	Compression	Live View/ Playback	Audio	PTZ Control	Motion Detection	IO Alarm	Remark
Axis	VAPIX version 3	Q7404	Box Camera	5.02	H.264	YES	NA	-	YES	NA	Port forward: 27304
Bosch	RCP Version 3	NBC-265-P	Box Camera	28500572	H.264	YES	NA	-	YES	NA	
Vivotek	Vivotek SDK VNDP	IP8331	Box Camera	IP8331-VVTK-0102a	H.264	YES	-	-	NA	NA	
ACTi	ACTi_SDK-10000_v1.2.47	TCM5311	Box Camera	A1D-310-V4.12.09-AC	H.264	YES	YES	-	YES	NA	
		B47	Box Camera	A1D-500-V6.08.30-AC	H.264	YES	YES	-	YES	NA	

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Sony	SNC_5thGen_CGIManual v2.02	SNC-RH124	Speed Dome	1.79.00	H.264	YES	YES	YES	YES	NA	
	Private	SNC-CH280	Box Camera	1.73.01	H.264	Yes	NA	-	NA	NA	1. Support live view and playback via client software or web client 2. Support playing back video files from Recording Server
	Private	SNC-EB520	Box Camera	1.71.00	H.264	Yes	NA	-	NA	NA	
Panasonic	Network Camera Ver.1.47	WV-SFV611L	Dome Camera	1.55	H.264	YES	YES	-	YES	NA	Port forward: 30963
		WV-SFN313L	Dome Camera	1.83	H.264	YES	YES	-	YES	NA	
Pelco (NA by Blazer Express)	Pelco SDK V4.1	IX30DN-ACFZ HB3	Box Camera	1.8.2-20120327-2.9080-A1.7852	H.264	YES	-	-	NA	NA	1. Pelco port is not fixed for WAN view. 2. Pelco alarm is NA for WAN.
		D5220-ADVQ KR5	Dome Camera	-	H.264	YES	-	YES	YES	NA	
		IXE20DN-AA XVUU2	Box Camera	1.8.2-20120327-2.9081-A1.7852	H.264	YES	-	-	YES	NA	
Samsung	STW_NET WORK_DE	SNB-5000	Box Camera	3.03_130227	H.264	YES	NA	-	NA	NA	



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	VICE_HTTP .RTP.RTSP_ v2.7.1	SNP-7000	Box Camera	1.00_121031 9	H.264	YES	NA	-	NA	NA	
Dahua (NA by Blazer Express)	V3.3.9.677 8	IPC-HFW820 1D	Box Camera	2.400.0000.3. R, build: 20141107	H.264	YES	NA	-	NA	NA	1. Support live view and playback via client software
	V3.3.9.677 8	IPC-HF81200 E	Box Camera	2.400.0000.1. R, build: 20140917	H.264	YES	NA	-	NA	NA	
	dhnetsdk 3.4.5.2104 1	IPC-HFW122 5M-I1	Box Camera	2.420.Dahua 00.12.R, build: 2016-04-23	H.264	Yes	NA	-	NA	NA	
	dhnetsdk 3.4.5.2104 1	IPC-HFW110 5B	Box Camera	2.210.0000.3. R, build : 2013-12-28	H.264	Yes	NA	-	NA	NA	
	dhnetsdk 3.4.5.2104 1	DH-DVR1604 HF-L1	DVR	3.200.0024.0, Build Date: 31-10-2014	H.264	Yes	NA	NA	NA	NA	

# Plug-in Release Note

## V1.5.1

- Newly add VMS version: iVMS-5200 Pro V3.3.7, and Blazer Express V1.3, V1.3.1, V1.4, and HikCentral V1.1, V1.1.1.
- Optimize ONVIF plug-in: Optimize the timestamp authentication mechanism and improve the access capability for third party devices.
- Optimize VIVOTEK plug-in: Add CGI communication mode.

## V1.5

- Optimize ONVIF compatibility and expandability: support video & audio stream, PTZ presets/8 directions, support acquiring serial number of device, and switching main/sub stream.
- Improve security mechanism.
- Newly add 3 models supported via ONVIF: AXIS Q1635, Panasonic WV-SP306 and WV-SC385.
- Newly add VMS version: iVMS-5200 Pro V3.3.6 and HikCentral V1.0.1.
- Newly test motion detection function of Dahua IPC-HFW1225M-I1.

## V1.4.3

- Fix the issue of failing to receive motion detection alarm of Panasonic and Axis via private SDK.
- Fix the issue of inaccurate online status of ONVIF devices.
- Newly add 2 models supported via Private SDK: Sony SNC-CH280, Sony SNC-EB520.
- Newly add 3 models supported via ONVIF: Sony SNC-CH280, Sony SNC-EB520, Dahua IPC-HFW1225M-I1.
- Newly add DVR model: DH-DVR1604HF-L1. To playback the video of this DVR, please use Control Client of iVMS-5200 Pro V3.3.4.
- Newly add VMS version of iVMS-5200 Pro: V3.3.4.
- Other notice:
  - You may need to use iVMS-5200 Pro V3.3.4 to realize record video of ONVIF devices in Hybrid SAN and playback.
  - Hybrid SAN storage is not supported on devices added via private SDK.
  - Live view and playback of Dahua devices added via private SDK is only available on control client.
  - GPU is not supported.

## V1.4.2

- Repair the issue of adding Sony devices via private protocol.

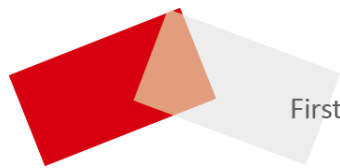
- Support the V1.2 of Blazer Express.

#### **V1.4**

- Support both iVMS-5200 Pro and Blazer Express (V1.0).
- Compatible with latest version V3.3.2 of iVMS-5200 Pro.
- Support Dahua IP camera.
- Pelco and Dahua is not supported by Blazer Express via the private SDK integration.

#### **V1.0 to V1.3**

- Release the plug-in package.
- Support ONVIF protocol V2.2.
- Support the private SDK of Axis, Bosch, Vivotek, ACTi, Sony, Panasonic, Pelco, and Samsung.
- Support the V3.2.202 and V3.2.301 of iVMS-5200 Pro.



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