



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.

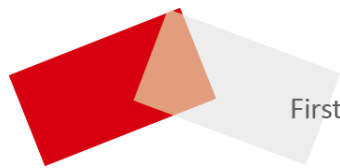
- Support the V1.2 of Blazer Express.

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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