

PTZ Dome Firmware

Version: V5.4.8

Release Note

Firmware Basic Information	Firmware Version	V5.4.8 build 170731
	SDK Version	V5.2.6.10 build20161201
	Play Library (PlayCtrl.dll)	V7.3.2.74 build170221
	Encapsulation Library (SystemTransform.dll)	V2.5.1.13 (20161110)
	Voice intercom library	V1.1.0.8
	Smart configuration library	V1.4.0.0_build.2016.12.06
	iVMS-4200	V2.5.5.8 build20170101
	Web version	V4.0.1 build 170314

Firmware V5.3.19 Features

1. Support model

- This firmware is for all PTZ camera, Please refer to the release list.

2. Compatibility Update

- **HIKCGI version: V2.0;**
- **~~PSIA version: V1.1~~(not support any more);**
- **ONVIF official test tool: 1701;**
- **NUUO: Version: V6.7.0, drive version: V5.0 ;**
- **Milestone:**
 - 1) Milestone Enterprise 8.1a(10.0a), Milestone drive version (Driver Pack 8.7),
 - 2) Milestone software version (Milestone Corporate 10.1a), Milestone drive version (Driver 8.7),
- **Avigilon Control Center: v5.8.4.28;**
- **Excaqvision: V8.0.3.103130**
- **Genetec Omnicast: 4.8 SR8(not test)**

3. Newly add

- 1) 4 megapixel device use virtual capture mode the way like V5.5.0.
- 2) Newly add switch and eeprom on the power panel of PTZ Camera, in order to improve slip ring disconnect.

4. Optimization

- 1) Optimize Smart Tracking:
Reduce non-human, non-vehicle error tracking such as leaves, shadows, etc.
- 2) Optimize SMD:
Improve the vehicle and human detection accuracy when using intrusion detection, line crossing detection, Region entrance Detection and Region exiting Detection, which can reach up to 90%.
- 3) All PTZ Cameras that use ZMN3607 or ZMN3609 camera module have Eagle Vision Focus capability.

Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action.

For any questions and request for this firmware, please contact our local technical support team.

Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

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Supported Product List(DFXXXX)

Product Category	Model Number	Product Description
PTZ Dome Camera	DS-2DF6225X-AEL	2MP 25× Network Speed Dome
PTZ Dome Camera	DS-2DF8436IX-AEL	4MP 36× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8436IX-AELW	4MP 36× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8436I5X-AELW	4MP 36× Network Laser Speed Dome
PTZ Dome Camera	DS-2DF8425IX-AEL	4MP 25× Network Laser Speed Dome
PTZ Dome Camera	DS-2DF8425IX-AELW	4MP 25× Network Laser Speed Dome
PTZ Dome Camera	DS-2DF8836IX-AEL	8MP 36× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8836IX-AELW	8MP 36× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8836I5X-AELW	8MP 36× Network Laser Speed Dome
PTZ Dome Camera	DS-2DF8825IX-AEL	8MP 25× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8825IX-AELW	8MP 25× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8225IX-AEL	2MP 25× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8225IX-AELW	2MP 25× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8236IX-AEL	2MP 36× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8236IX-AELW	2MP 36× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8236I5X-AELW	2MP 36× Network Laser Speed Dome
PTZ Dome Camera	DS-2DF5225X-AE3	2MP 25× Network Speed Dome
PTZ Dome Camera	DS-2DF5225X-AEL	2MP 25× Network Speed Dome
PTZ Dome Camera	DS-2DF5232X-AE3	2MP 32× Network Speed Dome
PTZ Dome Camera	DS-2DF5232X-AEL	2MP 32× Network Speed Dome
PTZ Dome Camera	DS-2DF7225IX-AEL	2MP 25× Network IR Speed Dome
PTZ Dome Camera	DS-2DF7225IX-AELW	2MP 25× Network IR Speed Dome
PTZ Dome Camera	DS-2DF7232IX-AEL	2MP 32× Network IR Speed Dome
PTZ Dome Camera	DS-2DF7232IX-AELW	2MP 32× Network IR Speed Dome
PTZ Dome Camera	DS-2DF8250I5X-AEL	2MP 50× Network Laser Speed Dome
PTZ Dome Camera	DS-2DF8250I5X-AELW	2MP 50× Network Laser Speed Dome

Supported Product List(DYXXXX)

Product Category	Model Number	Product Description
Positioning System	DS-2DY9250X-A(B)	2MP 50× Network Positioning System
Positioning System	DS-2DY9250IX-A(B)	2MP 50× IR Network Positioning System
Positioning System	DS-2DY9250IAX-A(B)	2MP 50× Laser Network Positioning System
Positioning System	DS-2DY9236X-A	2MP 36× Network Positioning System
Positioning System	DS-2DY9236IX-A	2MP 36× IR Network Positioning System
Positioning System	DS-2DY9236IAX-	2MP 36× Laser Network Positioning System
Positioning System	DS-2DY9836X-A	8MP 36× Network Positioning System
Positioning System	DS-2DY9836IX-A	8MP 36× IR Network Positioning System
Positioning System	DS-2DY9836IAX-A	8MP 36× Laser Network Positioning System