

6986 PanoVu Camera Firmware

Version: V5.4.5

Release Note (**External**)

(2017-02-24)

Firmware Basic Information	Firmware Version:	V5.4.5
	SDK Version:	V5.2.6.25 build2017010_win32
	Play Library (PlayCtrl.dll)	V7.3.2.74
	Encapsulation Library (SystemTransform.dll)	V2.5.1.14
	RTSP Communication Library (StreamTransClient.dll)	V1.1.3.6
	Voice intercom library (AudioIntercom.dll)	V1.4.0.1
	iVMS-4200	Version 4200 V2.5.5.11 build20170110
	Widget version	V4.0.1 build161115

Compatibility Update

- **NUUO:**

Version: V6.9.0, drive version: V5.2

- **Milestone:**

1. Milestone Enterprise 8.1a(10.1a), Milestone Corporate 10.2a
2. Milestone drive version : Device Pack 8.8

- **Avigilon:**

Avigilon Control Center: V5.10.4.6

- **Excaqvision:**

Version: 8.2.1.107318

- **Genetec Omnicast:**

Version: 4.8 SR8

- **Security Center:**

Version: 5.5 SR3

- **28181:**
V1.0.0.1/V1.0.0.5
- **Network keyboard:**
DS-1100K V2.4.0 build150827
- **Series port keyboard:**
DS-1004K V1.2.0
- **Official Tested ONVIF:**
V1601
- **NVR/DVR version accessing:**
 1. Marvell E series: DS-96128N-E16 (V3.0.4_150616) (This series NVRs has been discontinued and the future version will not test)
 2. Marvell F series: DS-96128N-F16 (V3.2.6 160411)
 3. Hisi3535 E series: DS-7732N-E4/16P (V3.4.91)
 4. Hisi3535 G series: DS-7608N-G2/4P (V3.4.1 build 151225)
 5. Hisi3798 K1 series: DS-7816N-K1 (V3.4.90)
 6. Hisi3536 I8 series: DS-8664N-I8 (DS-7632N-I2/16P)
 7. Hisi3536 K series: V3.4.91
 8. Hisi3520D\3521: DS-7608N-SHT (V3.0.17_150804)
 9. Netra DVR: DS-9016HF-ST (V3.4.3)
 10. 8107 plat: DS-7616N-SE (V3.0.15_150528)
 11. Hisi plat F series: DS-9664N-F8/I (V3.3.4_150715)
 12. Channel NVR: DS-7832N-K2 (V3.3.9_151228)
 13. 96000N-I series: V3.6.0

Hikvision Firmware V5.4.5 Features

1. **New Features**
 - **Newly support ONVIF protocol.**
2. **Optimization**
 - **Newly added the MJPEG format of video encoding for Sub Stream.**

	Video	Audio	ROI
Stream Type	Sub-stream		
Video Type	Video Stream		
Resolution	704*320		
Bitrate Type	Variable		
Video Quality	Medium		
Frame Rate	25		fps
Max. Bitrate	1024		Kbps
Video Encoding	H.264		
I Frame Interval	50		

- **Modify the default bitrate to 16384Kbps.**
- **The default resolution of main stream is 12MP (4096*1800).**
- **Remove the Calibration file import interface.**

HIKVISION Live View Playback Picture Configuration admin

Local System System Settings Maintenance Security User Management Network Video/Audio Image Event Storage

Default

Restore Reset all the parameters, except the IP parameters and user information, to the default settings.

Default Restore all parameters to default settings.

Export

Device Parameters

Import Config. File

Device Parameters Browse Import

Status

Calibration

Calibration File Browse Import

Status

- **Solve the issue that it shows Device error when restoring the camera.**
- **Remove the IP Server and HiDDNS in the web interface.**

3. Leftover issues

- **It keeps the Mic In option in the web interface. Actually the device doesn't support Mic In and it will be removed in the next version.**

Video **Audio** ROI

Audio Encoding

Audio Input

Input Volume

Environmental Noise Filter

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.
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