R7 Network PTZ Dome Camera Firmware Version: V5.6.12 Release Note (External)

(2019-07-16)

1. Firmware Version Information

1.1 Firmware Basic Information

PTZ:

IPD_R7_EN_XXX_5.6.12_190527

Hllook PTZ:

IPDHL_R7_EN_XXX_5.6.12_190527

1.2 Compatibility Updates

All involved products are listed in the attachment:



2. Related Resource Versions

2.1 Built-in Resource Versions

- (1) SDK version: HCNetSDKV6.0.2.10_build20190117_win32
- (2) Play lib (PlayCtrl.dll): V7.3.6.0_Build20190103
- (3) Transform package lib (SystemTransform.dll): V2.5.3.7_Build20181109
- (4) Audio Intercommunucation lib (AudioIntercom.dll): 1.4.0.6build20171113
- (5) iVMS 4200 client: V2.6.14.100 build20190116

(6) Plugin: V4.0.1 build 190401

2.2 Protocol Versions

- (1) Onvif version: 17.12
- (2) ISAPI version: 2.4

2.3 Third-party Platform Software Versions

(1) Milestone software version (Milestone Enterprise 8.1a(2016 R2 10.2a), Milestone driver version (Device Pack 10.2)

(2) Milestone software version (Milestone Corporate 2018 R2), Milestone driver version (Device Pack 10.2)

- (3) Exacqvision software version (v19.03.6.152839)
- (4) Avigilon Control Center 6.14.4.6

3. Version Main Updates

3.1 New Features

3.1.1 Newly support the following models:

DS-2DE2A204IW-DE3(2.8-12mm)(C) DS-2DE2A204IW-DE3/W(2.8-12mm)(C) DS-2DE2A404IW-DE3(2.8-12mm)(C) DS-2DE2A404IW-DE3/W(2.8-12mm)(C) DS-2DE2204IW-DE3/W DS-2DE2204IW-DE3/W

3.1.2 DS-2DE2XXX/W models newly support Stream Adaption. When you enable the function, live view fluency is taken as the priority of camera performance. The camera adjusts video-related parameters automatically, and the pre-set video-related configuration is invalid.

Notice:

- 1. A reboot is required for the function to take effect.
- 2. This function is disabled by default.

HIKVISION®	Live View	Playba	ck Picture	Cor	nfiguration
🖵 Local	Video Audio	ROI	Display Info. on Stream		
System	Stream Adaption	1			
Network	Stream Type		Main Stream(Normal)	~]
Video/Audio	Video Type		Video Stream	~]
Image	Resolution		1920*1080P	~]
PTZ	Bitrate Type		Variable	~]
Event	Video Quality		Medium	~]
🖺 Storage	Frame Rate		25	~	fps
	Max. Bitrate		4096		Kbps
	Video Encoding		H.264	~]
	H.264+		OFF	~]
	Profile		Main Profile	~]
	I Frame Interval		50		
	SVC		OFF	~]
	Smoothing		0	51	[Clear<->Smooth]
	🗎 s	ave			

3. When you enable this function, the device will display a prompt: "If the function is enabled, the live view takes the image smoothing as a priority. The configuration of the video settings, including Resolution, Bitrate Type, Video Quality, Frame Rate, Max. Bitrate, Video Encoding, Profile, I Frame Interval, SVC and Smoothing do not work".

	Video Audio ROI	Display Info. on Stream	
	Stream Adaption	×.	
	Stream Type	Main Stream(Normal)	\checkmark
1	Video Type	Video Stream	V
	Resolution	1920*1080P	V
	Bitrate Type	Variable	✓
	Video Quality	Medium	V
	Frame Rate	25	↓ fns
	Max. Bitrate	4096	Note X
	Video Encoding	H.264	If the function is enabled, the live view takes the image smoothing as a priority. The configuration of the
	H.264+	OFF	video settings, including Resolution, Bitrate Type, Video Quality, Frame Rate, Max. Bitrate, Video
	Profile	Main Profile	Encoding, Profile, I Frame Interval, SVC and Smoothing do not work.
	I Frame Interval	50	
	SVC	OFF	ОК
	Smoothing		51 [Clear<->Smooth]
	🖹 Save		

4. It will be required to reboot the device when this function is enabling and saved. The video parameter is grayed out even if the restart is cancelled.

	HIK	VISION®	Live View	Playba	ack Picture	Cor	figuration
	Ţ	Local	Video Au	udio ROI	Display Info. on Strean	n	
		System	Stream Ad	aption	\checkmark		
	Ð	Network	Stream Ty	ре	Main Stream(Norma	al) 🗸 🗸]
L	<u>.</u>	Video/Audio	Video Type	e	Video Stream	~]
	1	Image	Resolution		1920*1080P	~	
	므	PTZ	Bitrate Typ	e	Variable	~	
	▤	Event	Video Qua	lity	Medium	~]
	۵	Storage	Frame Rat	e	25	~	fps
			Max. Bitrat	e	2048		Kbps 🥝
			Video Enco	oding	H.264	~]
			H.264+		OFF	~	
			Profile		High Profile	~	
			I Frame Int	terval	50		
			SVC		OFF	~	
			Smoothing			50	[Clear<->Smooth]
				🗎 Save			

3.2 Improved Features

- 3.2.1 The number of password locks for operators and users is changed to 7.
- 3.2.2 Fix the issue of noise in live view when zoom in and zoom out.
- 3.2.3 The issue that the FOV of the following models becomes smaller after upgrading to the V5.6.11 version is fixed.

DS-2DE2106IW-DE3 (NEU)
DS-2DE2204IW-DE3 (NEU)
DS-2DE2204IW-DE3(STD)
DS-2DE2204IW-DE3/W(NEU)
DS-2DE2204IW-DE3/W(STD)

3.2.4 The issue that part of the space is unusable when the NAS disk is larger than 80GB is fixed.

Note:

Versions prior to V5.6.11 must be upgraded to V5.6.11 and then upgraded to V5.6.12, otherwise an error will be prompted.