

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:



V5.6.12 R7
Product List.xlsx

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 Intercommunication 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) Exacvision software version (v19.03.6.152839)
- (4) Avigilon Control Center 6.14.4.6

3. Version Main Updates

3.1 New Features

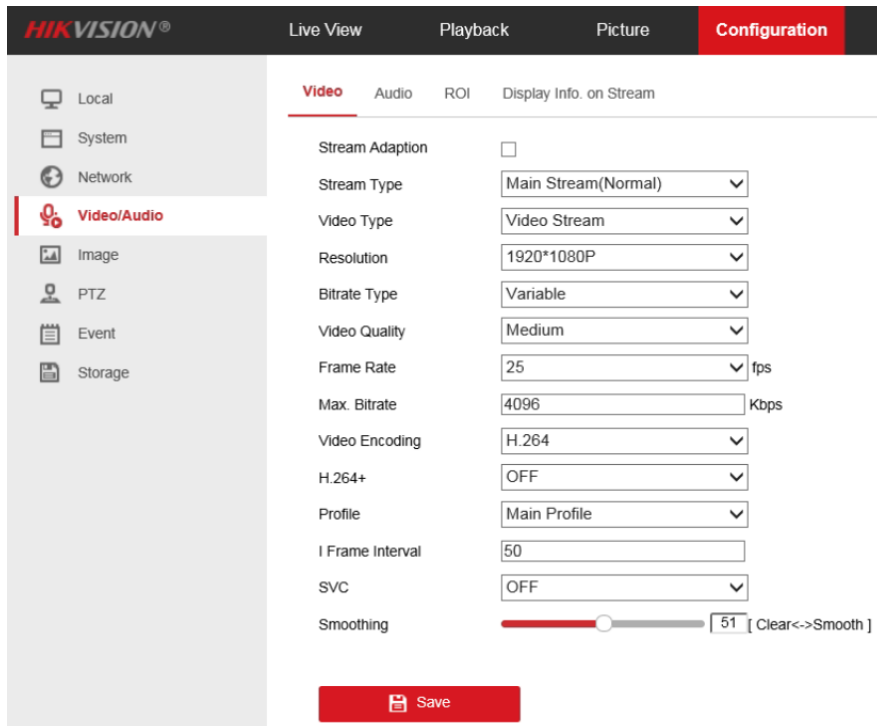
3.1.1 Newly support the following models:

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-2DE2402IW-DE3/W

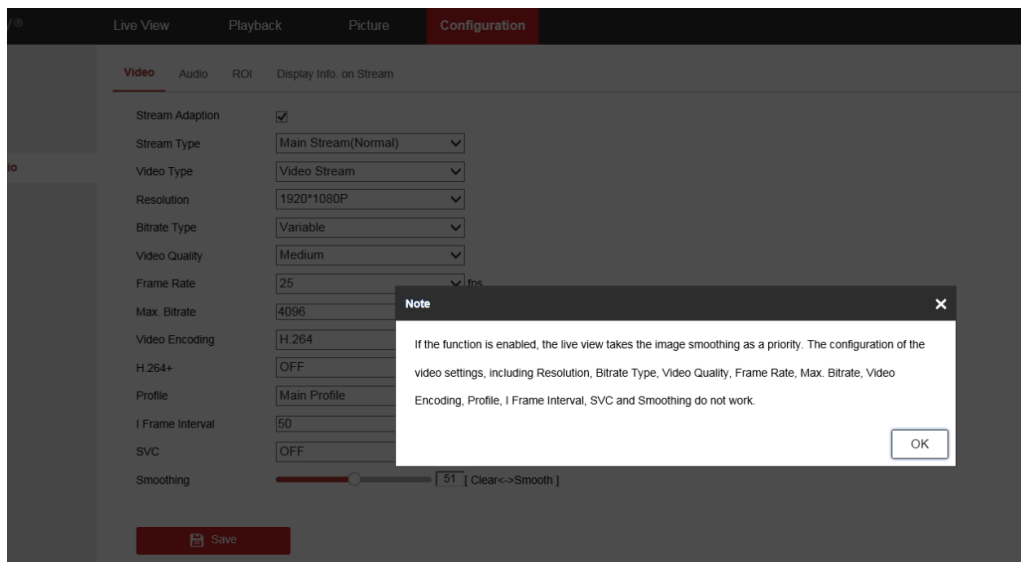
- #### 3.1.2 DS-2DE2XXX/W models newly support Stream Adaption. When you enable the function, live view fluency is taken as the priority of camera performance. The camera adjusts video-related parameters automatically, and the pre-set video-related configuration is invalid.

Notice:

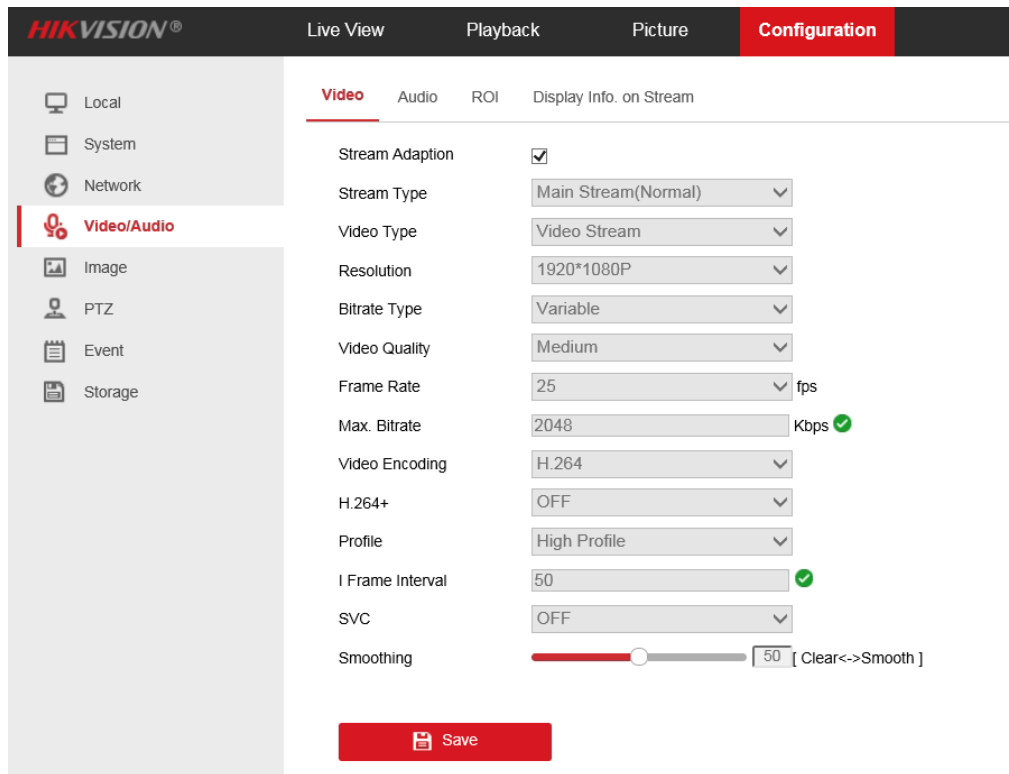
1. A reboot is required for the function to take effect.
2. This function is disabled by default.



- 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”.



- 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.



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.