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Network Camera Firmware
Version: V5.5.70
Release Note (External)
(2018-10-17)

Firmware Basic Information	Firmware Version:	V5.5.70 build180929
	SDK Version:	V5.2.7.45 build170612
	Play Library (PlayCtrl.dll)	V7.3.5.0
	Encapsulation Library (SystemTransform.dll)	V2.5.2.15
	Voice intercom library (AudioIntercom.dll)	V1.4.0.6
	iVMS-4200	V2.5.13.2 build170709
	IE Client version	V4.0.1 build170711 V3.0.6.26

Hikvision Firmware V5.5.70 build 180929 Features

for (1021G0-IDW1) Cameras

1. **New Features**

   - **Newly support H.264 2MP consumer Wi-Fi camera DS-2CV1021G0-IDW1**

     - **DS-2CV1021G0-IDW1 supports SD card, reset button, red & blue double flash indicator light**

     - **DS-2CV1021G0-IDW1 supports H.264+, sub stream support MJPEG, default setting of main stream is H.264+, does not support smart event**

     - **DS-2CV1021G0-IDW1 supports adaptive activation mode when connect with NVR or Hik-Connect APP, supports Smart Config**

     - **For reset bouton, support push reset button for 10 seconds when camera is started to reset camera, camera will reboot automatically after reset complete.**

   - **Consumer Wi-Fi camera supports adaptive activation mode**

- **Consumer Wi-Fi Camera is inactive status by default**

- **Using Hik-Connect APP scan QR code to configure Wi-Fi camera, inactive camera will be activated and password is the combination of admin and verification code**

- **Using Smart Link on Wi-Fi NVR to connect camera, camera needs to be manually activated**

- **NVR models that support Smart Link:**

- **HiWatch series models, HWN-2104MH-W, HWN-2108MH-W**

- **Hikvision baseline models, DS-7104NI-K1/W/M，DS-7108NI-K1/W/M**

- **Firmware version of NVR that support Smart Link, V3.4.98**

2. Improved Features

- **There are some default settings of Wi-Fi camera, DHCP is enable, Video Type is video stream, Bitrate Type is variable, Audio Encoding is G.711ulaw and Environmental Noise Filter is ON**

- **Motion Detection of Wi-Fi camera is enable, Linkage Method configure channel record and picture upload by default, Percentage of Record and Percentage of Picture change to 95 and 5 When H.264+ of Wi-Fi camera in kit setting to ON, Stream Adaption cannot be set, and when Stream Adaption setting to enable, H.264+ cannot be set**

Compatibility Update

- **HIKCGI version: V2.0;**

- **ISAPI version: V2.4;**

- **ONVIF version: V1612, official test tool version: V1701;**

- **Milestone:**

   1. Milestone Enterprise 8.1a(10.2a), Milestone drive version (Driver 9.1), test HIKCGI
   2. Milestone software version (Milestone Corporate 11.1a), Milestone drive version (Driver 9.1), test HIKCGI

- **Avigilon:**

   1. Control Center: V5.10.12.2;
   2. Test ONVIF.

- **Excaqvision:**

   1. Version: 8.4.2

2. Protocol: HIKCGI, ONVIF

- **NAS(Only test for Brainaire):**

  DS-A2016R, DS-A1016RS V2.2.0-7

- **Tested NVRs:**

  DS-96256NI-I24/H(baseline V3.2.8_170213_05)

  96000 I Series

  96000NI-I Series NVR (V3.6.21)

  E Series: DS-7732NI -E4/16P(V3.4.92)

  G Series: DS-7608NI-G2/4P(V3.4.1 build 151225)

  K Series: V3.4.93

  Netra DVR: DS-9016HFI-ST(V3.4.3)

  Note: The compatibility of IPC and NVR models in the same NVR series is the same.

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.

Supported Product List   (DS-2CD1X21G0-IDW1)

Product Category	Model Number	Product Description
Wi-Fi fixed bullet	DS-2CV1021G0-IDW1/NF(T)	Built-in Wi-Fi, 2MP,Kit
Wi-Fi fixed bullet	DS-2CV1021G0-IDW1	Built-in Wi-Fi, 2MP

External