

Network Camera Firmware

Version: V5.4.81

Release Note(External)

(2018-03-13)

Firmware Basic Information	Firmware Version:	V5.4.81 build 180203
	SDK Version:	V5.2.7.45 build170612
	Play Library (PlayCtrl.dll)	V7.3.3.61
	Encapsulation Library (SystemTransform.dll)	V2.5.2.5
	Voice intercom library (AudioIntercom.dll)	V1.4.0.3
	iVMS-4200	V2.5.13.2 build170709
	IE Client version	V4.0.1 build170711

Hikvision Firmware V5.4.81 Features

**for (1x10,1x02,1x21,2xx0,2x14,4xx0) Cameras*

1. New Features

- SN (Serial Number) is the combination of numbers and letters.
- Hik-Connect supports zoom in/out for motorized lens.
- The audio linkage of PIR and motion detection can be disabled on the Hik-Connect.
- New function of auto focus after zoom is supported.

2. Improved Features

- The issue of breathing effect is improved.
- For OSD Text Overlay, the characters out of GB2312 library but in GBK library will be displayed as" □".

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 Brinaire):**

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: V3.4.92

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

Note: The compatibility of IPC and NVR models in the same NVR series is the same.
- **Tested Keyboard:**

DS-1600KI V2.0.0

DS-1006KI V1.0

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 (1x10,1X02,1X21,2xx0,2X14,4xx0)		
Product Category	Model Number	Product Description
Fixed Bullet	DS-2CD1002(D)	1MP, IR
Fixed Bullet	DS-2CD1010(D)-I	1.3MP, IR
Fixed Bullet	DS-2CD1010(D)-I(B)	1.3MP, IR
Fixed Bullet	DS-2CD1010F(D)-I(W)	1.3MP, IR, Wi-Fi
Mini IR Bullet	DS-2CD1021-I	2MP, IR
Mini IR Dome	DS-2CD1110(D)-I(B)	1.3MP, IR
IR Fixed Dome	DS-2CD1121-I	2MP, IR
Mini IR Bullet	DS-2CD1202(D)-I3	1MP, IR
Mini IR Bullet	DS-2CD1221(D)-I3/I5	2MP, IR
IR Turret	DS-2CD1321-I (C)	2MP, IR

IR Turret	DS-2CD1302(D)-I	1MP, IR
IR Cube	DS-2CD1402FD-IW	1MP, IR, Wi-Fi
IR Cube	DS-2CD1410F-I(W)	1MP, IR, Wi-Fi
Mini Dome	DS-2CD1510F	1MP
VF IR Bullet	DS-2CD1621FWD-I(Z)	2MP, VF, IR
VF IR Bullet	DS-2CD1721FWD-I(Z)	2MP, VF, IR
VF IR Bullet	DS-2CD1H21WD-IZ	2MP, VF, IR
Mini IR Bullet	DS-2CD2014(D)WD-I	1.3MP, IR
Mini IR Bullet	DS-2CD2010(D)-I	1.3MP, IR
Mini IR Bullet	DS-2CD2010F(D)-I(W)	1.3MP, IR, Wi-Fi
Mini IR Bullet	DS-2CD2020(D)-I	2MP, IR
Mini IR Bullet	DS-2CD2020F(D)-I(W)	2MP, IR, Wi-Fi
Mini IR Bullet	DS-2CD2020(D)-I (C)	2MP, IR
Mini IR Bullet	DS-2CD2020F(D)-I(W) (C)	2MP, IR, Wi-Fi
IR Fixed Dome	DS-2CD2114WD(D)-I	1.3MP, IR
IR Fixed Dome	DS-2CD2110(D)-I	1.3MP, IR
IR Fixed Dome	DS-2CD2110F(D)-I(W)(S)	1.3MP, IR, Wi-Fi
IR Fixed Dome	DS-2CD2120(D)-I	2MP, IR
IR Fixed Dome	DS-2CD2120F(D)-I(W)(S)	2MP, IR, Wi-Fi
IR Cube	DS-2CD2420F-I(W)	2MP, IR, Wi-Fi
IR Cube	DS-2CD2420F-I(W) (B)	2MP, IR, Wi-Fi
Mini Dome	DS-2CD2510F(D)	1.3MP
Mini Dome	DS-2CD2512F(D)-IB	1.3MP, IR
Mini Dome	DS-2CD2520F (B)	2MP
Mini Dome	DS-2CD2520F(D)	2MP
VF IR Bullet	DS-2CD2610F(D)-I(S)	1.3MP, VF lens, IR, Audio/Alarm optional
VF IR Bullet	DS-2CD2610FWD-I(S)	1.3MP, IR
VF IR Bullet	DS-2CD2620F(D)-I(S)	2MP, VF lens, IR, Audio/Alarm optional
VF IR Dome	DS-2CD2710F(D)-I(S)	1.3MP, VF lens, IR, Audio/Alarm optional

VF IR Dome	DS-2CD2720F(D)-I(S)	2MP, VF lens, IR, Audio/Alarm optional
Box Camera	DS-2CD2810F(D)	1.3MP, box camera
Box Camera	DS-2CD2810FWD	1.3MP, box camera
Box Camera	DS-2CD2820F(D) (C)	2MP, box camera
Box Camera	DS-2CD2820F(D)	2MP, box camera
Mini IR Bullet	DS-2CD2A10F(D)-I(S)	1.3MP, IR
Mini IR Bullet	DS-2CD2A20F(D)-I(S)	2MP, IR
Box Camera	DS-2CD2C10F(D)-I(W)	1.3MP, IR
Pinhole	DS-2CD2D14WD/M	1MP
Pinhole	DS-2CD2D14WD	1MP
IR Mini PT	DS-2CD2Q10FD-IWS	1MP, Wi-Fi
IR Mini PT	DS-2CD2Q10FD-IW (C1)	1MP, Wi-Fi
EXIR Bullet	DS-2CD2T10(D)-I3/I5/I8	1MP, IR
EXIR Bullet	DS-2CD2T10(D)-I3/I5/I8(S)	1MP, IR
EXIR Bullet	DS-2CD2T20(D)-I3/I5/I8	2MP, IR
EXIR Bullet	DS-2CD2T20(D)-I3/I5/I8(S)	2MP, IR
Box Camera	DS-2CD4010F	1MP, IR
Box Camera	DS-2CD4010F-D	1MP, box camera
Box Camera	DS-2CD4010FWD	1MP, box camera
Box Camera	DS-2CD4020F	2MP, box camera
Box Camera	DS-2CD4020FWD	2MP, box camera
Fixed Dome	DS-2CD4110F	1MP
IR Fixed Dome	DS-2CD4110F-I	1MP, IR
IR Fixed Dome	DS-2CD4110F-Z	1MP
IR Fixed Dome	DS-2CD4110F-IZ	1MP, IR
IR Fixed Dome	DS-2CD4110F (B)	1MP
IR Fixed Dome	DS-2CD4110F-I (B)	1MP, IR
IR Fixed Dome	DS-2CD4110F-Z (B)	1MP
IR Fixed Dome	DS-2CD4110F-IZ (B)	1MP, IR

IR Fixed Dome	DS-2CD4110F(-ID)	1MP
IR Fixed Dome	DS-2CD4110FWD	1MP
IR Fixed Dome	DS-2CD4110FWD-I	1MP, IR
IR Fixed Dome	DS-2CD4110FWD-Z	1MP
IR Fixed Dome	DS-2CD4110FWD-IZ	1MP, IR
IR Fixed Dome	DS-2CD4110FWD (B)	1MP
IR Fixed Dome	DS-2CD4110FWD-I (B)	1MP, IR
IR Fixed Dome	DS-2CD4110FWD-Z (B)	1MP
IR Fixed Dome	DS-2CD4110FWD-IZ (B)	1MP, IR
IR Fixed Dome	DS-2CD4120F	2MP
IR Fixed Dome	DS-2CD4120F-I	2MP, IR
IR Fixed Dome	DS-2CD4120F-Z	2MP
IR Fixed Dome	DS-2CD4120F-IZ	2MP, IR
IR Fixed Dome	DS-2CD4120FWD	2MP
IR Fixed Dome	DS-2CD4120FWD-I	2MP, IR
IR Fixed Dome	DS-2CD4120FWD-Z	2MP
IR Fixed Dome	DS-2CD4120FWD-IZ	2MP, IR
IR Fixed Dome	DS-2CD4120FWD (B)	2MP
IR Fixed Dome	DS-2CD4120FWD-I (B)	2MP, IR
IR Fixed Dome	DS-2CD4120FWD-Z (B)	2MP
IR Fixed Dome	DS-2CD4120FWD-IZ (B)	2MP, IR
IR Fixed Bullet	DS-2CD4810F-IZ	1MP, IR
IR Fixed Bullet	DS-2CD4810F-IZH	1MP, IR
IR Fixed Bullet	DS-2CD4810F-IZS	1MP, IR
IR Fixed Bullet	DS-2CD4810F-IZHS	1MP, IR
IR Fixed Bullet	DS-2CD4810F-IZ (B)	1MP, IR
IR Fixed Bullet	DS-2CD4810F-IZH (B)	1MP, IR
IR Fixed Bullet	DS-2CD4810F-IZS (B)	1MP, IR
IR Fixed Bullet	DS-2CD4810F-IZHS (B)	1MP, IR

IR Fixed Bullet	DS-2CD4810FWD-IZ	1MP, IR
IR Fixed Bullet	DS-2CD4810FWD-IZH	1MP, IR
IR Fixed Bullet	DS-2CD4810FWD-IZS	1MP, IR
IR Fixed Bullet	DS-2CD4810FWD-IZHS	1MP, IR
IR Fixed Bullet	DS-2CD4810FWD-IZ (B)	1MP, IR
IR Fixed Bullet	DS-2CD4810FWD-IZH (B)	1MP, IR
IR Fixed Bullet	DS-2CD4810FWD-IZS (B)	1MP, IR
IR Fixed Bullet	DS-2CD4810FWD-IZHS (B)	1MP, IR
IR Fixed Bullet	DS-2CD4820F-IZ	2MP, IR
IR Fixed Bullet	DS-2CD4820F-IZH	2MP, IR
IR Fixed Bullet	DS-2CD4820F-IZS	2MP, IR
IR Fixed Bullet	DS-2CD4820F-IZHS	2MP, IR
IR Fixed Bullet	DS-2CD4820F-IZ (B)	2MP, IR
IR Fixed Bullet	DS-2CD4820F-IZH (B)	2MP, IR
IR Fixed Bullet	DS-2CD4820F-IZS (B)	2MP, IR
IR Fixed Bullet	DS-2CD4820F-IZHS (B)	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZ	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZH	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZS	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZHS	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZ (B)	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZH (B)	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZS (B)	2MP, IR
IR Fixed Bullet	DS-2CD4820FWD-IZHS (B)	2MP, IR
Fixed Bullet	DS-2CD4A10F-Z	1MP
Fixed Bullet	DS-2CD4A10F-ZS	1MP
Fixed Bullet	DS-2CD4A10F-IZ	1MP, IR
Fixed Bullet	DS-2CD4A10F-IZH	1MP, IR
Fixed Bullet	DS-2CD4A10F-IZS	1MP, IR

Fixed Bullet	DS-2CD4A10F-IZHS	1MP, IR
Fixed Bullet	DS-2CD4A10F-Z (B)	1MP
Fixed Bullet	DS-2CD4A10F-ZS (B)	1MP
Fixed Bullet	DS-2CD4A10F-IZ (B)	1MP, IR
Fixed Bullet	DS-2CD4A10F-IZH (B)	1MP, IR
Fixed Bullet	DS-2CD4A10F-IZS (B)	1MP, IR
Fixed Bullet	DS-2CD4A10F-IZHS (B)	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-Z	1MP
Fixed Bullet	DS-2CD4A10FWD -ZS	1MP
Fixed Bullet	DS-2CD4A10FWD-IZ	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-IZH	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-IZS	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-IZHS	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-Z (B)	1MP
Fixed Bullet	DS-2CD4A10FWD-ZS (B)	1MP
Fixed Bullet	DS-2CD4A10FWD-IZ (B)	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-IZH (B)	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-IZS (B)	1MP, IR
Fixed Bullet	DS-2CD4A10FWD-IZHS (B)	1MP, IR
Fixed Bullet	DS-2CD4A20F-Z	2MP
Fixed Bullet	DS-2CD4A20F-ZS	2MP
Fixed Bullet	DS-2CD4A20F-IZ	2MP, IR
Fixed Bullet	DS-2CD4A20F-IZH	2MP, IR
Fixed Bullet	DS-2CD4A20F-IZS	2MP, IR
Fixed Bullet	DS-2CD4A20F-IZHS	2MP, IR
Fixed Bullet	DS-2CD4A20F-Z (B)	2MP
Fixed Bullet	DS-2CD4A20F-ZS (B)	2MP
Fixed Bullet	DS-2CD4A20F-IZ (B)	2MP, IR
Fixed Bullet	DS-2CD4A20F-IZH (B)	2MP, IR

Fixed Bullet	DS-2CD4A20F-IZS (B)	2MP, IR
Fixed Bullet	DS-2CD4A20F-IZHS (B)	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-Z	2MP
Fixed Bullet	DS-2CD4A20FWD -ZS	2MP
Fixed Bullet	DS-2CD4A20FWD-IZ	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-IZH	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-IZS	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-IZHS	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-Z (B)	2MP
Fixed Bullet	DS-2CD4A20FWD-ZS (B)	2MP
Fixed Bullet	DS-2CD4A20FWD-IZ (B)	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-IZH (B)	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-IZS (B)	2MP, IR
Fixed Bullet	DS-2CD4A20FWD-IZHS (B)	2MP, IR

The models with red color are discontinued.