

Network Camera Firmware

Version: V5.5.3

Release Note

(2017-09-29)

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| Firmware Basic Information | Firmware Version: | V5.5.3 |
| | SDK Version: | V5.2.7.45 build20170612_win32 |
| | Play Library (PlayCtrl.dll) | V7.3.3.61 |
| | Encapsulation Library (SystemTransform.dll) | V2.5.2.5 |
| | RTSP Communication Library (StreamTransClient.dll) | V1.1.3.6 |
| | Voice intercom library (AudioIntercom.dll) | V1.4.0.3 |
| | iVMS-4200 | Version 4200 V2.5.13.2 build20170709 |
| | IE Client version | V4.0.1 build170711 |

Hikvision Firmware V5.5.3 Features

**for G1(DS-2CD2XX5, DS-2CD2XX3) Cameras*

1. New Features

- New 6MP and 8MP models of Easy IP 2.0 series are released:

DS-2CD2063G0-I, DS-2CD2163G0-I(S), DS-2CD2363G0-I, DS-2CD2T63G0-I5/8, DS-2CD2663G0-IZS,

DS-2CD2763G0-IZS, DS-2CD2H63G0-IZS, DS-2CD2083G0-I, DS-2CD2183G0-I(S), DS-2CD2383G0-I,

DS-2CD2T83G0-I5/8, DS-2CD2683G0-IZS, DS-2CD2783G0-IZS, DS-2CD2H83G0-IZS.

The new models support smart events of face detection, intrusion detection and line crossing detection. More parameters can be found in the datasheets.

- New models of Easy IP 3.0 series are released:

DS-2CD2425FWD-I(W)(S), DS-2CD2435FWD-I(W)(S), DS-2CD2455FWD-I(W)(S),

DS-2CD2525FWD-I(W)(S), DS-2CD2525FHWD-I(W)(S), DS-2CD2535FWD-I(W)(S),

DS-2CD2555FWD-I(W)(S).

The new models support smart events of face detection, intrusion detection, line crossing detection, unattended baggage detection and object removal detection. More parameters can be found in the datasheets.

Compatibility with NVR

Test Model : DS-2CD2185FWD-I

Firmware Version : V5.5.3 build 171018

Basic Function test:

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| | DS-9632NI-I8 V3.4.95 build 170626 | DS-7604NI-K1 / 4P V3.4.95 build 170626 |
| Preview (Main and Sub stream) | OK | OK |
| Record and Playback | OK | OK |
| Basic parameter configuration (Resolution, Bitrate, stream type, Event, Image) | OK | OK |

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: V3.4.92

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.

Supported Product List (2XX5, 2XX3)

| Product Category | Model Name | Product Description |
|------------------|-------------------------|---|
| Mini EXIR Bullet | DS-2CD2025FWD-I | 2MP, IR, WDR |
| Mini EXIR Bullet | DS-2CD2035FWD-I | 3MP, IR, WDR |
| Mini EXIR Bullet | DS-2CD2055FWD-I | 5MP, IR, WDR |
| Mini EXIR Bullet | DS-2CD2085FWD-I | 8MP, IR, WDR |
| Mini EXIR Bullet | DS-2CD2025FHWD-I | 2MP, IR, WDR, High frame rate |
| EXIR Fixed Dome | DS-2CD2125FWD-I(S) | 2MP, IR, WDR, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2125FWD-IM | 2MP, IR, WDR, HDMI output |
| EXIR Fixed Dome | DS-2CD2135FWD-I(S) | 3MP, IR, WDR, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2155FWD-I(S) | 5MP, IR, WDR, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2185FWD-I | 8MP, IR, WDR, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2125FHWD-I(S) | 2MP, IR, WDR, High frame rate, , Audio/Alarm optional |
| EXIR Turret | DS-2CD2325FWD-I | 2MP, IR, WDR |
| EXIR Turret | DS-2CD2335FWD-I | 3MP, IR, WDR |
| EXIR Turret | DS-2CD2355FWD-I | 5MP, IR, WDR |
| EXIR Turret | DS-2CD2385FWD-I | 8MP, IR, WDR |
| EXIR Turret | DS-2CD2325FHWD-I | 2MP, IR, WDR, High frame rate |
| EXIR Fixed Cube | DS-2CD2425FWD-I(W)(S) | 2MP, IR, WDR, Wi-Fi optional, Audio/Alarm optional |
| EXIR Fixed Cube | DS-2CD2435FWD-I(W)(S) | 3MP, IR, WDR, Wi-Fi optional, Audio/Alarm optional |
| EXIR Fixed Cube | DS-2CD2455FWD-I(W)(S) | 5MP, IR, WDR, Wi-Fi optional, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2525FWD- I(W)(S) | 2MP, IR, WDR, Wi-Fi optional, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2525FHWD- I(W)(S) | 2MP, IR, WDR, High frame rate, Wi-Fi optional, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2535FWD- I(W)(S) | 3MP, IR, WDR, Wi-Fi optional, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2555FWD-I(W)(S) | 5MP, IR, WDR, Wi-Fi optional, Audio/Alarm optional |
| EXIR Bullet | DS-2CD2T25FWD-I | 2MP, IR, WDR |
| EXIR Bullet | DS-2CD2T35FWD-I5/I8 | 3MP, IR, WDR |
| EXIR Bullet | DS-2CD2T55FWD-I5/I8 | 5MP, IR, WDR |

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| EXIR Bullet | DS-2CD2T85FWD-I5/I8 | 8MP, IR, WDR |
| EXIR Bullet | DS-2CD2T25FHWD-I5/I8 | 2MP, IR, WDR, High frame rate |
| EXIR VF Turret | DS-2CD2625FHWD-IZS | 2MP, IR, WDR, Motorized lens, high frame rate, Audio/Alarm |
| EXIR VF Bullet | DS-2CD2625FWD-IZS | 2MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Bullet | DS-2CD2635FWD-IZS | 3MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Bullet | DS-2CD2655FWD-IZS | 5MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Bullet | DS-2CD2685FWD-IZS | 8MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2725FHWD-IZS | 2MP, IR, WDR, Motorized lens, high frame rate, Audio/Alarm |
| EXIR VF Dome | DS-2CD2725FWD-IZS | 2MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Dome | DS-2CD2735FWD-IZS | 3MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Dome | DS-2CD2755FWD-IZS | 5MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Dome | DS-2CD2785FWD-IZS | 8MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H25FHWD-IZS | 2MP, IR, WDR, Motorized lens, high frame rate, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H25FWD-IZS | 2MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H35FWD-IZS | 3MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H55FWD-IZS | 5MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H85FWD-IZS | 8MP, IR, WDR, Motorized lens, Audio/Alarm |
| Mini EXIR Bullet | DS-2CD2023G0-I | 2MP, IR, WDR |
| Mini EXIR Bullet | DS-2CD2043G0-I | 4MP, IR, WDR |
| Mini EXIR Bullet | DS-2CD2063G0-I | 6MP, IR, WDR |
| Mini EXIR Bullet | DS-2CD2083G0-I | 8MP, IR, WDR |
| EXIR Fixed Dome | DS-2CD2123G0-I(S) | 2MP, IR, WDR, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2143G0-I(S) | 4MP, IR, WDR, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2163G0-I(S) | 6MP, IR, WDR, Audio/Alarm optional |
| EXIR Fixed Dome | DS-2CD2183G0-I(S) | 8MP, IR, WDR, Audio/Alarm optional |
| EXIR Turret | DS-2CD2323G0-I | 2MP, IR, WDR |
| EXIR Turret | DS-2CD2343G0-I | 4MP, IR, WDR |

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| EXIR Turret | DS-2CD2363G0-I | 6MP, IR, WDR |
| EXIR Turret | DS-2CD2383G0-I | 8MP, IR, WDR |
| EXIR VF Bullet | DS-2CD2623G0-IZS | 2MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Bullet | DS-2CD2643G0-IZS | 4MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Bullet | DS-2CD2663G0-IZS | 6MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Bullet | DS-2CD2683G0-IZS | 8MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Dome | DS-2CD2723G0-IZS | 2MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Dome | DS-2CD2743G0-IZS | 4MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Dome | DS-2CD2763G0-IZS | 6MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Dome | DS-2CD2783G0-IZS | 8MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H23G0-IZS | 2MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H43G0-IZS | 4MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H63G0-IZS | 6MP, IR, WDR, Motorized lens, Audio/Alarm |
| EXIR VF Turret | DS-2CD2H83G0-IZS | 8MP, IR, WDR, Motorized lens, Audio/Alarm |