

Network Camera Firmware

Version: V5.6.4

Release Note (**External**)

(2020-03-02)

Firmware Basic Information	Firmware Version:	V5.6.4 build191224
	SDK Version:	V7.3 build 190910
	Play Library (PlayCtrl.dll)	V7.3.6.82
	iVMS-4200	2.8.2.3Build20190510

Compatibility Update

- **Milestone:**

1. Milestone Enterprise 8.1a(2016 R2 10.2a), Milestone drive version (Device Pack 10.2), test HIKCGI
2. Milestone software version (Milestone Corporate 2018 R2), Milestone drive version (Device Pack 10.2), test HIKCGI

- **Avigilon:**

Control Center: V6.14.4.6

- **Excagvision:**

1. Version: V19.03.6.152839
2. Protocol: HIKCGI, ONVIF

- **Intellect:** V4.10.3

- **Digifort:** V7.2.1

- **Axxon:** AxxonNext-4.0.2.5237

- **Tested NVRs:**

Super I Series: DS-96256NI-I24; DS-96256NI-I24/H (V4.1.41)

96000NI-I Series NVR (V3.6.21)

E Series: DS-7732NI -E4/16P(V3.4.98)

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

K Series:DS-7632NI-K2 (V4.1.54)

I Series: DS-9664NI-I8(DS-7632NI-I2/16P) (V4.1.50)

DeepInmind NVR:V4.1.20

- **Tested Keyboard:**

DS-1600KI V2.0.0

DS-1006KI V1.0

Hikvision Firmware V5.6.4 Features

**for G1 platform Cameras*

1. New Features

- Optimized focusing effect of varifocal models.

Note : Do not downgrade the device with factory version 5.6.4 to below 5.6.4

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 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 (2XXX, 3XXX, 67XX Series)

Product Category	Model Number	Product Description
Mini EXIR Bullet	DS-2CD2065G1-I	6MP,IR,WDR
EXIR Fixed Dome	DS-2CD2165G0-I(S)	6MP,IR,WDR, Audio/Alarm optional
EXIR Turret	DS-2CD2365G1-I	6MP,IR,WDR
EXIR VF Turret	DS-2CD2665G0-IZ(S)	6MP,IR,WDR, Audio/Alarm optional, Motorized lens
EXIR VF Turret	DS-2CD2665G1-IZ(S)	6MP,IR,WDR, Audio/Alarm optional, Motorized lens
EXIR VF Dome	DS-2CD2765G0-IZS	6MP,IR,WDR, Audio/Alarm optional, Motorized lens
EXIR VF Dome	DS-2CD2765G1-IZ(S)	6MP,IR,WDR, Audio/Alarm optional, Motorized lens
Mini EXIR Bullet	DS-2CD2085G1-I	8MP,IR,WDR
EXIR Turret	DS-2CD2385G1-I	8MP,IR,WDR
EXIR Bullet	DS-2CD2T65G1-I3/I5/I8	6MP,IR,WDR
EXIR Bullet	DS-2CD2T85G1-I	8MP,IR,WDR
EXIR VF Turret	DS-2CD2685G0-IZS	8MP,IR,WDR, Audio/Alarm optional, Motorized lens
EXIR VF Turret	DS-2CD2685G1-IZS	8MP,IR,WDR, Audio/Alarm optional, Motorized lens
EXIR VF Dome	DS-2CD2785G0-IZS	8MP,IR,WDR, Audio/Alarm optional, Motorized lens
EXIR VF Dome	DS-2CD2785G1-IZS	8MP,IR,WDR, Audio/Alarm optional, Motorized lens
Mini EXIR Bullet	DS-2CD2025FWD-I	2MP, IR, WDR
Mini EXIR Bullet	DS-2CD2035FWD-I	3MP, IR, WDR
Mini EXIR Bullet	DS-2CD2045FWD-I	4MP, 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-2CD2145FWD-I(S)	4MP, 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-2CD2345FWD-I	4MP, 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 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-2CD2545FWD- I(W)(S)	4MP, 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-I5/I8	2MP, IR, WDR
EXIR Bullet	DS-2CD2T25FHWD-I5/I8	2MP, IR, WDR, High frame rate
EXIR Bullet	DS-2CD2T35FWD-I5/I8	3MP, IR, WDR
EXIR Bullet	DS-2CD2T45FWD-I5/I8	4MP, IR, WDR
EXIR Bullet	DS-2CD2T55FWD-I5/I8	5MP, IR, WDR
EXIR Bullet	DS-2CD2T85FWD-I5/I8	8MP, IR, WDR
ColorVu Bullet	DS-2CD2T27G1-L	2MP, WDR, warm light
ColorVu Bullet	DS-2CD2T47G1-L	4MP, WDR, warm light
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-2CD2645FWD-IZS	4MP, 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-2CD2745FWD-IZS	4MP, 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-2CD2H45FWD-IZS	4MP, 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
EXIR Turret	DS-2CD2363G0-I	6MP, IR, WDR
EXIR Turret	DS-2CD2383G0-I	8MP, IR, WDR
EXIR Turret	DS-2CD2323G0-IU	2MP, IR, WDR, Built-in mic
EXIR Turret	DS-2CD2343G0-IU	4MP, IR, WDR, Built-in mic
EXIR Turret	DS-2CD2363G0-IU	6MP, IR, WDR, Built-in mic
EXIR Turret	DS-2CD2383G0-IU	8MP, IR, WDR, Built-in mic
EXIR Fixed Bullet	DS-2CD2T23G0-I5/8	2MP, IR, WDR
EXIR Fixed Bullet	DS-2CD2T43G0-I5/8	4MP, IR, WDR
EXIR Fixed Bullet	DS-2CD2T63G0-I5/8	6MP, IR, WDR

EXIR Fixed Bullet	DS-2CD2T83G0-I5/8	8MP, IR, WDR
EXIR VF Bullet	DS-2CD2623G0-IZS	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD2623G1-IZ(S)	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD2643G0-IZS	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD2643G1-IZ(S)	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD2663G0-IZS	6MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD2663G1-IZ(S)	6MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD2683G0-IZS	8MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD2683G01-IZ(S)	8MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2723G0-IZS	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2723G1-IZ(S)	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2743G0-IZS	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2743G1-IZ(S)	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2763G0-IZS	6MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2763G1-IZ(S)	6MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2783G0-IZS	8MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2783G1-IZ(S)	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
EXIR Fixed Dome	DS-2CD2523G0-I	2MP, IR, WDR, Audio
EXIR Fixed Dome	DS-2CD2543G0-I	4MP, IR, WDR, Audio
EXIR Fixed Dome	DS-2CD2563G0-I	6MP, IR, WDR, Audio
Mini EXIR Bullet	DS-2CD3023G0-I	2MP, IR, WDR
Mini EXIR Bullet	DS-2CD3043G0-I	4MP, IR, WDR
Mini EXIR Bullet	DS-2CD3063G0-I	6MP, IR, WDR
Mini EXIR Bullet	DS-2CD3083G0-I	8MP, IR, WDR
EXIR Fixed Dome	DS-2CD3125G0-I	2MP, IR, WDR

EXIR Fixed Dome	DS-2CD3145G0-I	4MP, IR, WDR
EXIR Fixed Dome	DS-2CD3185G0-I	8MP, IR, WDR
EXIR Fixed Dome	DS-2CD3123G0-I(S)	2MP, IR, WDR
EXIR Fixed Dome	DS-2CD3143G0-I(S)	4MP, IR, WDR
EXIR Fixed Dome	DS-2CD3163G0-I(S)	6MP, IR, WDR
EXIR Fixed Dome	DS-2CD3183G0-I(S)	8MP, IR, WDR
EXIR Turret	DS-2CD3325G0-I	2MP, IR, WDR
EXIR Turret	DS-2CD3325G0-I(B)	2MP, IR, WDR
EXIR Turret	DS-2CD3345G0-I	4MP, IR, WDR
EXIR Turret	DS-2CD3345G0-I(B)	4MP, IR, WDR
EXIR Turret	DS-2CD3323G0-I	2MP, IR, WDR
EXIR Turret	DS-2CD3343G0-I	4MP, IR, WDR
EXIR Turret	DS-2CD3363G0-I	6MP, IR, WDR
EXIR Turret	DS-2CD3383G0-I	8MP, IR, WDR
EXIR Fixed Dome	DS-2CD3525G0-IS	2MP, IR, WDR, Audio/Alarm
EXIR Fixed Dome	DS-2CD3545G0-IS	4MP, IR, WDR, Audio/Alarm
EXIR Bullet	DS-2CD3T25G0-I	2MP, IR, WDR
EXIR Bullet	DS-2CD3T45G0-I	4MP, IR, WDR
EXIR VF Bullet	DS-2CD3625G0-IZS(B)	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD3645G0-IZS(C)	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD3623G1-IZ(S) (B)	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD3643G1-IZ(S) (B)	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Bullet	DS-2CD3663G1-IZ(S)	6MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD3725G0-IZS(B)	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD3745G0-IZS(C)	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD3723G1-IZ(S) (B)	2MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD3743G1-IZ(S) (B)	4MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD3763G0-IZS	6MP, IR, WDR, Motorized lens, Audio/Alarm
Mini EXIR Bullet	DS-2CD2085FWD-I(B)	8MP, IR, WDR

Mini EXIR Bullet	DS-2CD2065FWD-I	6MP, IR, WDR
EXIR Fixed Dome	DS-2CD2165FWD-I	6MP, IR, WDR
EXIR Turret	DS-2CD2385FWD-I(B)	8MP, IR, WDR
EXIR Turret	DS-2CD2365FWD-I	6MP, IR, WDR
EXIR Bullet	DS-2CD2T85FWD-I5(B)	8MP, IR, WDR
EXIR Bullet	DS-2CD2T85FWD-I8(B)	8MP, IR, WDR
EXIR Bullet	DS-2CD2T65FWD-I5	6MP, IR, WDR
EXIR Bullet	DS-2CD2T65FWD-I8	6MP, IR, WDR
EXIR Bullet	DS-2CD2685FWD-IZS(B)	8MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR Bullet	DS-2CD2665FWD-IZS	6MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2785FWD-IZS(B)	8MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR VF Dome	DS-2CD2765FWD-IZS	6MP, IR, WDR, Motorized lens, Audio/Alarm
EXIR Fixed Dome	DS-2CD2125G0-IMS	2MP, IR, HDMI output
EXIR Fixed Dome	DS-2CD3125G0-IMS	2MP, IR, HDMI output
EXIR Fixed Dome	DS-2CD2185G0-IMS	8MP, IR, HDMI output
EXIR Fixed Dome	DS-2CD3185G0-IMS	8MP, IR, HDMI output
ColorVu Turret	DS-2CD2327G1-L(U)	2MP, ColorVu, Build in mic
ColorVu Turret	DS-2CD2347G1-L(U)	4MP, ColorVu, Build in mic
EXIR VF Turret	DS-2CD2H65G1-IZ (S)	6MP, IR, WDR, Motorized lens
EXIR Fixed Bullet	DS-2CD3085G0-I (B)	8MP, IR, WDR
EXIR Fixed Turret	DS-2CD3385G0-I (B)	8MP, IR, WDR
EXIR Fixed Bullet	DS-2CD3T85G0-4IS(B)	8MP, IR, WDR
EXIR VF Bullet	DS-2CD3685G0-IZS	8MP, IR, WDR, Motorized lens
EXIR VF Bullet	DS-2CD3685G1-IZ(S)	8MP, IR, WDR, Motorized lens
EXIR VF Dome	DS-2CD3785G0-IZS	8MP, IR, WDR, Motorized lens
EXIR VF Dome	DS-2CD3785G1-IZ(S)	8MP, IR, WDR, Motorized lens
EXIR Fixed Dome	DS-2CD6725EFWD	2MP, IR, WDR
EXIR Fixed Dome	DS-2CD6735EFWD	3MP, IR, WDR
EXIR Fixed Bullet	DS-2CD3025G0-I(B)	2MP, IR, WDR

EXIR Fixed Bullet	DS-2CD3045G0-I(B)	2MP, IR, WDR
EXIR Fixed Bullet	DS-2CD3T23G0-2/4I(S)	2MP, IR, WDR
EXIR Fixed Bullet	DS-2CD3T43G0-2/4I(S)	4MP, IR, WDR
EXIR Fixed Bullet	DS-2CD3T63G0-2/4I(S)	6MP, IR, WDR
EXIR Fixed Bullet	DS-2CD3T25G0-4IS(B)	2MP, IR, WDR
EXIR Fixed Bullet	DS-2CD3T45G0-4IS(B)	4MP, IR, WDR
EXIR VF Bullet	DS-2CD3623G1-IZ(S)	6MP, IR, WDR, Motorized lens
EXIR VF Bullet	DS-2CD3663G1-IZ(S)	6MP, IR, WDR, Motorized lens
EXIR VF Dome	DS-2CD3763G1-IZ(S)	6MP, IR, WDR, Motorized lens
EXIR VF Dome	DS-2CD3725G1-IZS(B)	2MP, IR, WDR, Motorized lens
EXIR VF Turret	DS-2CD2H25G1-IZ (S)	2MP, IR, WDR, Motorized lens
EXIR VF Turret	DS-2CD2H45G1-IZ (S)	4MP, IR, WDR, Motorized lens
EXIR VF Turret	DS-2CD2H85G1-IZ (S)	8MP, IR, WDR, Motorized lens
EXIR VF Turret	DS-2CD2H23G1-IZ (S)	2MP, IR, WDR, Motorized lens
EXIR VF Turret	DS-2CD2H43G1-IZ (S)	4MP, IR, WDR, Motorized lens
EXIR VF Turret	DS-2CD2H63G1-IZ (S)	6MP, IR, WDR, Motorized lens
EXIR Fixed Dome	DS-2CD2123G0-I(S) (U)	2MP, WDR, Build in mic
EXIR Fixed Dome	DS-2CD2143G0-I(S) (U)	4MP, WDR, Build in mic
EXIR Fixed Dome	DS-2CD2163G0-I(S) (U)	6MP, WDR, Build in mic
EXIR Fixed Dome	DS-2CD2183G0-I(S) (U)	8MP, WDR, Build in mic
EXIR VF Bullet	DS-2CD3685G0-IZS(B)	8MP, Auto-iris, Motorized lens
EXIR VF Bullet	DS-2CD3663G1-IZS(B)	6MP, Auto-iris, Motorized lens
EXIR VF Dome	DS-2CD3785G0-IZS (B)	8MP, Auto-iris, Motorized lens
EXIR VF Dome	DS-2CD3763G1-IZS(B)	6MP, Auto-iris, Motorized lens
EXIR Fixed Turret	DS-2CD2345G0P-I	4MP, WDR, Wide Angle