



HIKVISION CDV-70H-DRC-4L WiFi Network Camera Instruction Manual

August 4,
2025

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CDV-70H-DRC-4L WiFi Network Camera

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Specifications

- Product Model: DS-2CV2041G2-IDW (W)

- Resolution: 4 MP
 - Connection: Wi-Fi
 - Audio: Two-way audio
 - Infrared Technology: EXIR 2.0
 - Storage: Up to 512 GB (SD card slot)
 - Weather Resistance: IP66
-

Product Usage Instructions

Installation and Setup

1. Ensure the camera is powered on and within the Wi-Fi signal range.
2. Download and install the corresponding mobile app for camera setup.
3. Follow the app instructions to connect the camera to your Wi-Fi network.
4. Mount the camera in the desired location ensuring it is securely fixed.

Camera Configuration

- Access the camera settings through the mobile app or web interface.
- Adjust image settings such as resolution, day/night mode, and wide dynamic range.
- Set up audio features like two-way communication and noise filtering.
- Configure storage options including on-board storage and network storage.

Monitoring and Recording

- View live footage from the camera on your mobile device or

computer.

- Enable motion detection and specify alarm triggers for recording or notifications.
- Regularly check and manage stored footage on the SD card or network storage.

Frequently Asked Questions (FAQ)

Q: What is the maximum resolution of the camera?

A: The camera provides high-quality imaging with a resolution of 4 MP.

Q: How far can the infrared illuminator reach?

A: The infrared illuminator has a range of up to 30 meters.

Q: What network protocols does the camera support?

A: The camera supports TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, and more.

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[View Fullscreen](#)

DS-2CV2041G2-IDW (W) 4 MP EXIR Fixed Bullet Wi-Fi Network Camera

High quality imaging with 4 MP resolution Realizing Wi-Fi connection and easy installation Provides real-time security via built-in two-way audio EXIR 2.0, advanced infrared technology with long IR distance Support on-board storage up to 512 GB (SD card slot) Water and dust resistant (IP66)

Specification

Camera Image Sensor Max. Resolution Min. Illumination Shutter Time Day & Night

Angle Adjustment Lens Lens Type

Focal Length & FOV

Aperture Lens Mount Iris Type

Depth of Field

DORI

DORI

Illuminator Supplement Light Type Supplement Light Range IR Wavelength Smart

Supplement Light Video

Main Stream

Sub-Stream

Video Compression

Video Bit Rate H.264 Type H.265 Type Bit Rate Control Audio Audio Compression Audio

Bit Rate Audio Sampling Rate Environment Noise Filtering

1/3" Progressive Scan CMOS 2560 × 1440 Color: 0.5 Lux @ (F1.6, AGC ON), B/W: 0
Lux with IR 1/25 s to 1/10000 s IR cut filter Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to
360°

Fixed focal lens, 2.8 and 4 mm optional 2.8 mm, horizontal FOV 97°, vertical FOV 53°,
diagonal FOV 117° 4 mm, horizontal FOV 82°, vertical FOV 44°, diagonal FOV 100° F1.6

M12 Fixed 2.8 mm: 1 m to 4 mm: 1.5 m to

2.8 mm, D: 63 mm, O: 25 mm, R: 12 mm, I: 6 mm 4 mm, D: 78 mm, O: 31 mm, R: 15 mm, I: 7 mm

IR Up to 30 m 850 nm Yes

50 Hz: 20 fps (2560 × 1440), 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 ×
1440), 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (768 × 432, 512 × 288) 60 Hz: 30

fps (768 × 432, 512 × 288) Main stream: H.265+/H.265/H.264+/H.264 Sub-stream:

H.265/H.264/MJPEG 256 Kbps to 4 Mbps Baseline Profile, Main Profile, High Profile

Main Profile CBR, VBR

G.711/G.722.1/G.726/PCM/AAC-LC 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps

(G.726)/16 to 64 Kbps (AAC -LC) 8 kHz/16 kHz Yes

Network Protocol s Simultaneous Live View API

Security

User /Host

Network Storage

Client Web Browser Wi-Fi Transfer Rate Wi-Fi Protocol Frequency Range Channel

Bandwidth

Modulation

Wireless Range

Antenna Image Image Settings Day/Night Switch Wide Dynamic Range (WDR) SNR
Image Enhancement Interface Built-in Microphone Built-in Speaker On-Board Storage
Reset Key Ethernet Interface Event

Basic Event

Language

General

Power

Language Storage Conditions Startup and Operating Conditions

TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS,
Bonjour Up to 4 channels NA Password protection, HTTPS encryption, Security Audit
Log, basic and digest authentication for HTTP/HTTPS Only one user: administrator NAS
(NFS, SMB/CIFS), Together with high-end Hikvision memory card, memory card
encryption and health detection are supported. Hik-Connect, iVMS-4200 NA
11n: up to 300 Mbps 802.11n: OFDM, 802.11b: DSSS, 802.11g: OFDM 2.412 GHz to
2.472 GHz 20 MHz 802.11n: BPSK, QPSK, 16QAM, and 64QAM, 802.11b: DBPSK and
DQPSK, CCK, 802.11g: BPSK, QPSK, 16QAM, and 64QAM Up to 120 m (The
performance varies based on actual environment) 2 Antennas
Auto Auto, Schedule, Day, Night 80 dB 52 dB BLC, 3D DNR
Yes Yes Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to
512 GB Yes 1 RJ45 10 M/100 M self-adaptive Ethernet port
Motion detection (support alarm triggering by specified target types (human and
vehicle)), exception Upload to NAS/memory card, notify surveillance center, trigger
recording, trigger capture
12 VDC \pm 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity
protection, A switching adapter is included in the package. Environments -30 °C to 60 °C (-
22 °F to 140 °F). Humidity 95% or less (non-condensing)
-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)

General Function Materials Dimensions Package Dimension Weight With Package
Weight Approval

EMC

RF Safety

Environment

Protection

Heartbeat, mirror, password protection Front cover: metal , back cover: plastic 175.6 mm × 73 mm × 89.1 mm (6.9" × 2.9" × 3.5") 260 mm × 125 mm × 125 mm (10.2" × 4.9" × 4.9") Approx. 345 g (0.8 lb.) Approx. 635 g (1.4 lb.)

CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014 CE-RED (EN 301489-1 V2.1.1(BT or 2.4G) CE-LVD: EN 62368-1: 2014/A11: 2017 CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006 IP66: IEC 60529-2013

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment. This model has NO SPECIFIC PROTECTION.

Level Top-level protection Moderate protection No specific protection

Description Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines , docks, chemical plants, and more. Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Available Model

DS-2CV2041G2-IDW(2.8mm)(W) DS-2CV2041G2-IDW(4mm)(W)

Dimension

Accessory

Optional



DS-1280ZJ-XS Junction box

Documents / Resources

	HIKVISION CDV-70H-DRC-4L WiFi Network Camera [pdf] Instruction Manual CMX CDV-70H-DRC-4L, DS-2CV2041G2-IDW W, CDV-70H-DRC-4L WiFi Network Camera, CDV-70H-DRC-4L, WiFi Network Camera, Network Camera, Camera
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References

- [User Manual](#)

 Hikvision
 camera, CDV-70H-DRC-4L, CDV-70H-DRC-4L WiFi Network Camera, CMX CDV-70H-DRC-4L, DS-2CV2041G2-IDW W, Hikvision, Network Camera, WiFi Network Camera

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