

## DS-2CV1021G0-IDW 2 MP IR Fixed Bullet Wi-Fi Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to DWDR technology
- Up to 128 GB SD card slot for storage
- Wi-Fi connection with Hik-Connect directly is not possible
- Water and dust resistant (IP66)



## ▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Angle Adjustment	Pan: 0° to 360°, tilt: -90° to 90°, rotate: 0° to 90°
WDR	DWDR
Day & Night	IR Cut Filter
Network	
Network Storage	Support micro SD/SDHC/SDXC card (max. 256 GB), local storage and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Alarm Trigger	Motion detection, illegal login
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTSP, NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour
API	ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	Wired network: Hik-Connect, iVMS-4200 Wi-Fi: iVMS-4200 *Wi-Fi connection with Hik-Connect directly is not possible.
Web Browser	Plug-in required live view: IE8, IE9, IE10, IE11 Local service: Chrome 57.0+, Firefox 52.0+
General Function	Anti-flicker, heartbeat, mirror, password protection, password reset via e-mail
Firmware Version	V5.5.101
Smart Features	
Alarm Trigger	Motion detection, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Lens	
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm, horizontal FOV: 114.5°, vertical FOV: 62°, diagonal FOV: 135.5° 4 mm, horizontal FOV: 86°, vertical FOV: 46.5°, diagonal FOV: 102.5°
Lens Mount	M12
Focal length	2.8/4 mm
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Interface	
Reset Button	Yes
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	1 Built-in mic, mono sound

<b>Image</b>	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25 fps (1920 × 1080, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25 fps (640 × 360) 60Hz: 30 fps (640 × 360)
Image Enhancement	BLC, HLC, 3D DNR
Day/Night Switch	Day, night, auto, scheduled
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
<b>General</b>	
Operating Conditions	-30 °C to +60 °C (-22°F to +140 °F), humidity 95% or less (non-condensing)
Power supply	12 VDC ± 25%, Ø5.5 mm coaxial power plug
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W
Material	Front cover: metal, back cover: plastic
Dimensions	Camera: 177.6 mm × 68 mm × 66 mm (7" × 2.7" × 2.6") With package: 264 mm × 129 mm × 120 mm (10.4" × 5.1" × 4.7")
Weight	Camera: approx. 270 g (0.6 lb.) With package: approx. 470 g (1 lb.)
<b>Approval</b>	
Protection	Ingress protection: IP66 (IEC 60529-2013)
<b>Compression Standard</b>	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264
H.264+	Main stream supports
H.265+	Main stream supports
H.264 Type	Baseline Profile/Main Profile
H.265 Type	Baseline Profile
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32 to 160Kbps(MP2L2)
<b>IR</b>	
IR Range	Up to 30 m
Wavelength	850 nm
<b>Wi-Fi (-W)</b>	
Wireless Standards	IEEE 802.11b/g/n
Frequency Range	2.4 GHz to 2.4835 GHz
Transfer Rates	11b: 11 Mbps 11g: 54 Mbps 11n: up to 150 Mbps
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Channel Bandwidth	20 MHz/40 MHz
Wireless Range	Up to 80 m (The performance varies based on actual environment.)
Protocols	802.11b: CCK, DQPSK, DBPSK 802.11g/n: 64-QAM, 16-QAM, QPSK, BPSK

## ▪ Available Model

DS-2CV1021G0-IDW(2.8/4 mm)

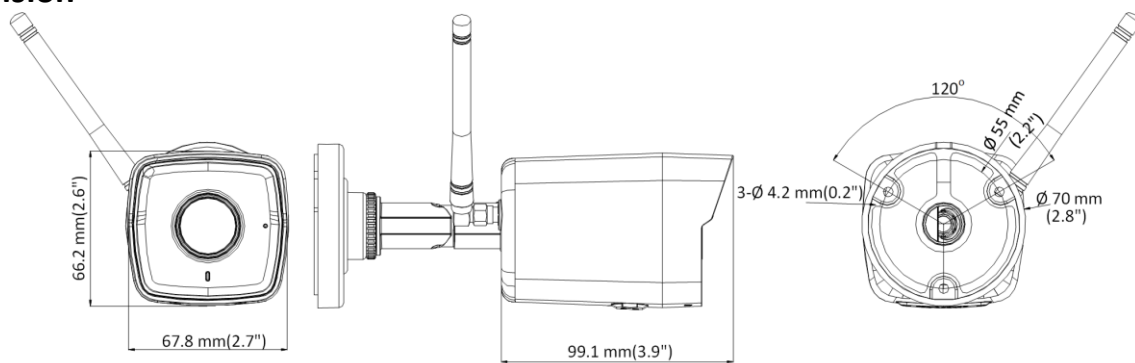
## ▪ Typical Application

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	Description
Top-level protection	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.
Moderate protection	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.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

## ▪ Dimension



## ▪ Accessory

### ▪ Optional

**DS-1280ZJ-XS**

**Junction box**



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