

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



- High quality imaging with 2 MP resolution
- Efficient H.264 compression technology
- Clear imaging even with strong back lighting due to DWDR technology
- Up to 256 GB SD card slot for storage
- Wi-Fi connection and easy installation
- Water and dust resistant (IP66)



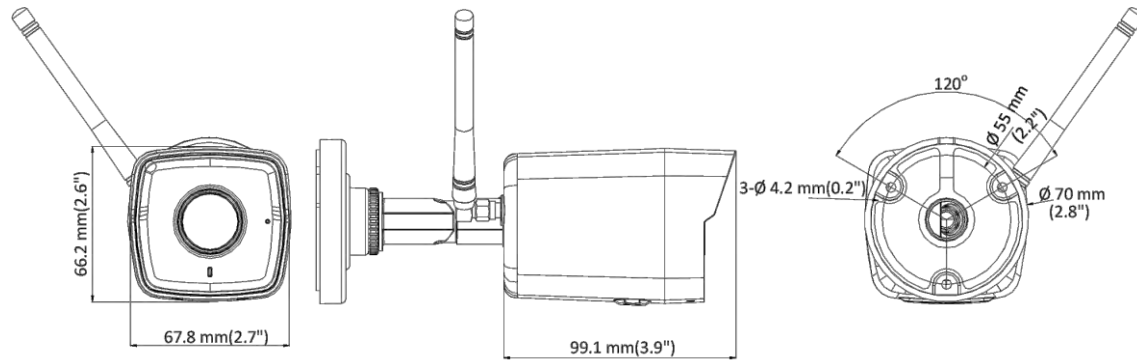
## ▪ Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.028Lux @ (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°
DNR	3D DNR
WDR	DWDR
Day & Night	IR Cut Filter
Auto-Iris	No
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
Image	
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
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, SDK
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

Web Browser	Plug-in required live view: IE8, IE9, IE10, IE11 Plug-in free live view or local service: Chrome 57.0+, Firefox 52.0+ Plug-in free live view: Safari 11+
General Function	Anti-flicker, heartbeat, mirror, password protection, reset password via e-mail
Firmware Version	V5.5.101
<b>Interface</b>	
Reset Button	Yes
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 256 GB
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	1 Built-in mic, mono sound
<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: 99 mm × 68 mm × 66 mm (3.9" × 2.7" × 2.6") With package: 172 mm × 110 mm × 99 mm (6.8" × 4.3" × 3.9")
Weight	Camera: 272 g (0.6 lb.) With package: 517 g (1.1 lb.)
<b>Approval</b>	
Protection	Ingress protection: IP66 (IEC 60529-2013)
<b>Compression Standard</b>	
Video Compression	Main stream: H.265, H.264 Sub-stream: H.265, H.264
H.264+	Main stream supports
H.265+	No
H.264 Type	Baseline Profile/Main Profile
H.265 Type	Main 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
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-IDW1(2.8 mm, 4 mm)

**▪ Dimension****▪ Accessory**

DS-1280ZJ-XS  
Junction Box

Distributed by

**HIKVISION****Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**

T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**

T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**

T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**

T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**

T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**

T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**

T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**

T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**

T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**

T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**

T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**

Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**

T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**

T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**

T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**

T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**

T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**

T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**

T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**

T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**

T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**

T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**

T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**

T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**

sales.colombia@hikvision.com

050510120200420