

## DS-2CD2121G0-I(W)(S) 2 MP IR Fixed Dome Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)



## ▪ Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.028Lux @(F2.0, AGC ON) B/W: 0.0028 Lux @(F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120 dB
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
Lens	
Focus	Fixed
Lens Type	2.8/4/6 mm
FOV	2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°
Aperture	F2.0
Lens Mount	M12
Auto-Iris	No
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25 fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30 fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Scalable Video Coding (SVC)	No
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Environment Noise Filtering	-S: Yes
Audio Sampling Rate	-S: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	-S: G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	-S: 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Network	
Simultaneous Live View	Up to 6 channels

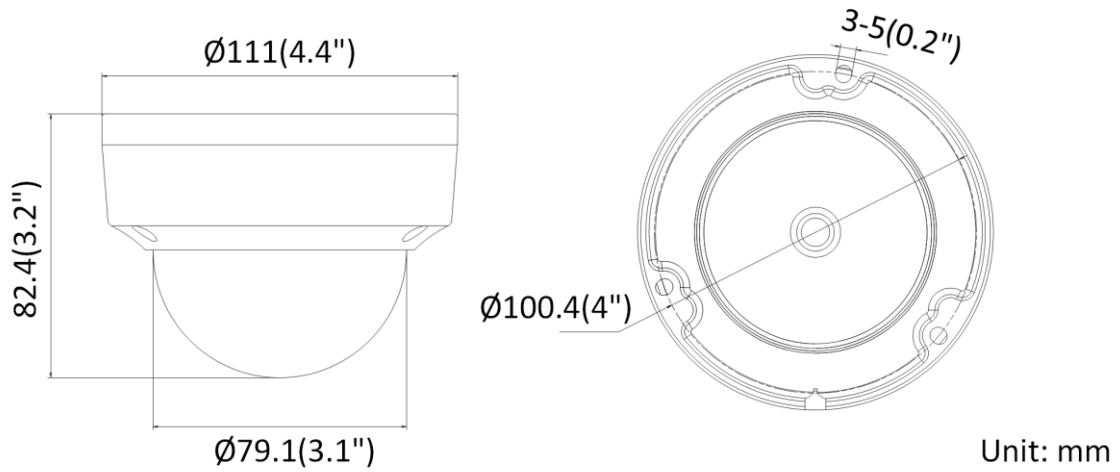
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Network Storage	Support built-in micro SD/micro SDHC/micro SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Client	Wired network: Hik-Connect, iVMS-4200, iVMS-5200, iVMS-4500 Wi-Fi: iVMS-4200, iVMS-5200, iVMS-4500
Web Browser	IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
<b>Image</b>	
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in (-S)
Target Cropping	No
DNR	3D DNR
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
<b>Interface</b>	
Audio	-S: 1 input (line in), 1 output (line out), mono sound
Alarm	-S: 1 input, 1 output
Video Output	No
On-board Storage	Built-in micro SD/micro SDHC/micro SDXC slot, up to 128 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
<b>Smart Feature-Set</b>	
Smart Event	Line crossing detection, intrusion detection
<b>General</b>	
Firmware Version	V5.5.98
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Startup and Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption and Current	PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 6.5 W; 12 VDC, 0.4 A, max. 5 W
Camera Material	Front cover: plastic, base: metal
Camera Dimension	Camera: Ø111 × 82.4 mm (Ø4.4" × 3.2") With package: 135 × 135 × 110 mm (5.3" × 5.3" × 4.3")
Camera Weight	Camera: approx. 497 g (1.1 lb.) With package: approx. 597 g (1.3 lb.)
<b>Approval</b>	
Protection	Ingress protection: IP67 (IEC 60529-2013), IK10(IEC 62262:2002)
<b>Wi-Fi</b>	
Encryption Mode	-W: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Wi-Fi Protocol	IEEE 802.11b/g/n
Frequency Range	-W: 2.4 GHz to 2.4835 GHz

Channel Bandwidth	-W: 20/40 MHz
Transfer Rate	-W: 11b: 11 Mbps 11g: 54 Mbps 11n: 65 Mbps
Wireless Range	-W: 50 m

▪ **Available Models**

- DS-2CD2121G0-I (2.8 mm, 4 mm, 6 mm)
- DS-2CD2121G0-IS (2.8 mm, 4 mm, 6 mm )
- DS-2CD2121G0-IW (2.8 mm, 4 mm)
- DS-2CD2121G0-IWS (2.8 mm, 4 mm)

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

<b>DS-1271ZJ-110</b> <b>Pendant Mount</b>	<b>DS-1275ZJ-SUS</b> <b>Vertical Pole Mount</b>	<b>DS-1250ZJ</b> <b>Rain Shield</b>	<b>DS-1276ZJ-SUS</b> <b>Corner Mount</b>	<b>DS-1259ZJ</b> <b>Inclined Ceiling Mount</b>
				
<b>DS-1258ZJ</b> <b>Wall Mount</b>	<b>DS-1272ZJ-110</b> <b>Wall Mount</b>	<b>DS-1280ZJ-DM18</b> <b>Junction Box</b>	<b>DS-1272ZJ-110B</b> <b>Wall Mount</b>	
				

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