

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)
- Support up to 256 GB SD card storage



▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal Length & FOV	2.8 mm: horizontal FOV 111.6°, vertical FOV 59.1°, diagonal FOV 133.9° 4 mm: horizontal FOV 91.5°, vertical FOV 46.1°, diagonal FOV 109.8° 6 mm: horizontal FOV 56°, vertical FOV 29.8°, diagonal FOV 65.3°
Lens Mount	M12
Focus	Fixed
Aperture	F1.6
Illuminator	
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/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
Region of Interest (ROI)	Support 1 fixed region for main stream
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Network Storage	Support Micro SD/SDHC/SDXC card (256 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule

Image Enhancement	BLC, 3D DNR
Wide Dynamic Range (WDR)	120 dB
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in Micro SD slot, up to 256 GB
Audio	-S: 1 input (line in), 1 output (line out)
Alarm	-S: 1 input, 1 output (max. 12 VDC, 30 mA)
Reset Key	Yes
Event	
Smart Event	Line crossing detection, intrusion detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture
General	
Power	12 VDC $\pm$ 25%, 0.4 A, max. 5 W, $\varnothing$ 5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.20 A to 0.15 A, max. 6.5 W
Dimension	$\varnothing$ 110.8 mm $\times$ 84.7 mm ($\varnothing$ 4.4" $\times$ 3.3")
Package Dimension	135 mm $\times$ 135 mm $\times$ 110 mm (5.3" $\times$ 5.3" $\times$ 4.3")
Weight	Approx. 497 g (1.1 lb.)
With Package Weight	Approx. 597 g (1.3 lb.)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Approval	
EMC	FCC (47 CFR Part 15, Subpart B) CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014) RCM (AS/NZS CISPR 32: 2015) IC (ICES-003: Issue 7) KC (KN32: 2015, KN35: 2015)
Safety	UL (UL 62368-1) CB (IEC 62368-1: 2014+A11) CE-LVD (EN 62368-1: 2014/A11: 2017) LOA (IEC/EN 60950-1) BIS (IS 13252 (Part 1): 2010/IEC 60950-1: 2005)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013) IK10 (IEC 62262: 2002)

▪ Available Model

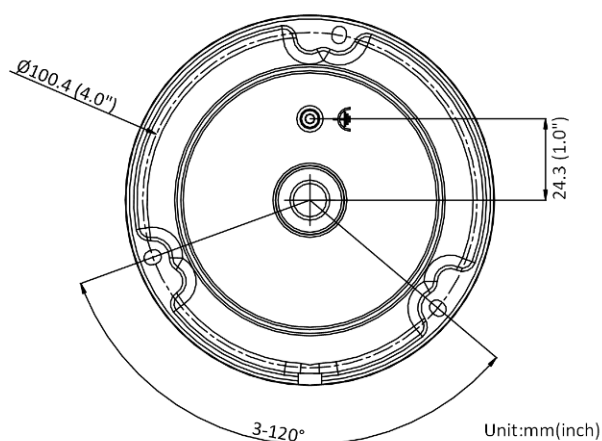
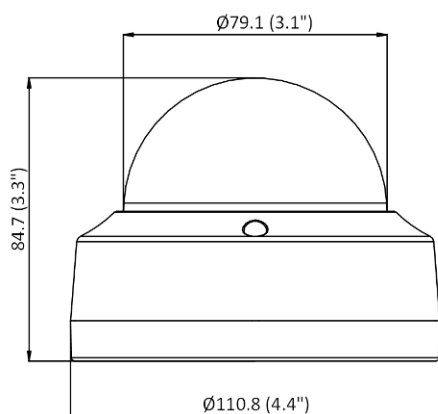
DS-2CD2121G0-I (2.8/4/6 mm)

DS-2CD2121G0-IS (2.8/4/6 mm)

DS-2CD2121G0-IW (2.8/4 mm)

DS-2CD2121G0-IWS (2.8/4 mm)

▪ Dimension



▪ Accessory

▪ Optional

DS-1280ZJ-DM18 Junction Box	DS-1259ZJ Inclined Ceiling Mount	DS-1250ZJ Water-proof	DS-1272ZJ-110 Wall Mount	DS-1275ZJ-SUS Vertical Pole Mount
				
DS-1272ZJ-110B Wall Mount	DS-1258ZJ Wall Mount	DS-1276ZJ-SUS Corner Mount	DS-1271ZJ-110 Pendant Mount	
				

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บริษัท ที.เอส.อาร์. - เทเลคอม ซีเอสเอ็มเอส จำกัด

14 ถนนนาวิเบศร์ 28 ต.บางกระสอ อ.เมืองนนทบุรี จ.นนทบุรี 11000

Email : sales@tsr.co.th

โทร 02-528-0383

Line ID : @tsrtelecom

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