

## DS-2CD3141G0-I 4MP IR Bullet Network Camera



- 1/3" Progressive Scan CMOS
- 2560 × 1440 @ 20fps
- Color: 0.018 Lux @(F1.6, AGC ON), 0.028 Lux @(F2.0, AGC ON)
- 2.8 mm/4 mm/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Three streams
- 120 dB WDR (Wide Dynamic Range)
- IR range: up to 30 m
- BLC/3D DNR/ROI/HLC
- IP67, IK10
- 3-Axis adjustment



## Specifications

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.018 Lux @ (F1.6, AGC ON), 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120 dB
Day & Night	ICR Cut
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Lens	
Lens Type & FOV	2.8 mm, horizontal FOV 98°, vertical FOV 53°, diagonal FOV 115° 4 mm, horizontal FOV 75°, vertical FOV 41°, diagonal FOV 88° 6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°
Aperture	2.8 mm: F2.0; 4 mm: F2.0; 6 mm: F1.6
Lens Mount	M12
Illuminator	
IR Range	30 m
Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Max. Resolution	2560 × 1440
Main Stream	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 1fps (1280 × 720, 640 × 360) 60Hz: 1fps (1280 × 720, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Stream Type	Main stream/Sub-stream/Third stream
Scalable Video Coding (SVC)	H.265 and H.264 support
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
* Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream.	
Network	
Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S), ISAPI, SDK

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2
Network Storage	NAS (NFS, SMB/CIFS)
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11
<b>Image</b>	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
SNR	≥ 52 dB
Privacy Mask	4 regions of privacy mask
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
<b>Smart Feature-Set</b>	
Smart Event	Line crossing detection, up to 1 line configurable Intrusion detection, up to 1 region configurable
<b>Intelligent (Traditional Algorithm)</b>	
Basic Event	Motion detection, video tampering alarm, exception (illegal login, HDD full, HDD error)
<b>General</b>	
Linkage Method	Upload to FTP, notify surveillance center, send email, trigger capture
Firmware Version	5.5.85
Web Client Language	English, Russian, Portuguese, Spanish, Turkish, Italian, French, Polish
General Function	Anti- flicker, heartbeat, mirror, privacy masks, flash log, password reset via e-mail
Software Reset	Yes
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
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, Type 1 Class 3
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE: (802.3af, 36 V to 57 V), 0.20 A to 0.10 A, max. 7 W
Power Interface	Φ5.5 mm coaxial power plug
Material	Plastic upper cover, aluminum base
Camera Dimension	Φ111 mm × 82.4 mm (Φ4.4" × 3.2")

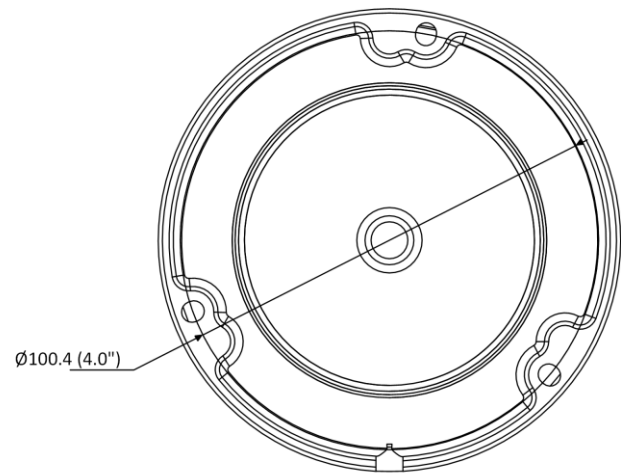
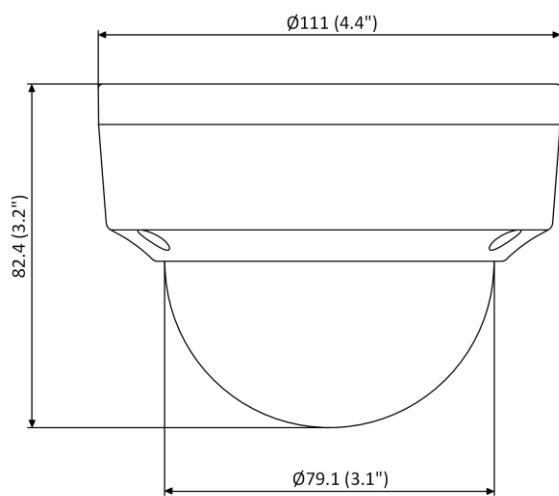
Package Dimension	134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")
Camera Weight	390 g (0.9 lb.)
With Package Weight	580 g (1.3 lb.)
<b>Approval</b>	
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	Ingress protection: IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)

\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

### Available Model

DS-2CD3141G0-I (2.8 mm, 4 mm, 6 mm)

### Dimension



Unit: mm (inch)

**Accessory**



**DS-1271ZJ-110**  
**Pendent Mount**



**DS-1258ZJ**  
**Wall Mount**



**DS-1272ZJ-110**  
**Wall Mount**



**DS-1272ZJ-110B**  
**Wall Mount**

Distributed by



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