

## DS-2CD3741G0-IZS 4MP IR Varifocal Bullet Network Camera



- High quality imaging with 4 MP resolution
- Clear imaging against strong back light due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Audio and alarm interface available
- Water and dust resistant (IP67) and vandal proof (IK10)
- Easy installation with Power over Ethernet (PoE) technology
- 3D DNR technology delivers clean and sharp images



## Specifications

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.018 Lux @ (F1.6, 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 70°, rotate: 0° to 355°
Power-off Memory	Yes
Lens	
Focus	Semi-auto, manual
Lens Type & FOV	2.7 to 13.5 mm, horizontal FOV 97° to 30°, vertical FOV 52° to 17°, diagonal FOV 114° to 34°
Aperture	F1.6
Lens Mount	Φ14
Fixed Aperture	Yes
Illuminator	
IR Range	40 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.	

<b>Audio</b>	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Audio Type	Mono sound
<b>Network</b>	
Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S, PROFILE G), 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, IP address filter, basic and digest authentication for HTTP/HTTPS, TLS 1.2, WSSE and digest authentication for ONVIF
Network Storage	microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR). Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11
<b>Image</b>	
Day/Night Switch	Day, Night, Auto, Schedule, Triggered by Alarm In
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
<b>Interface</b>	
Alarm	1 input, 1 output (max. 12 VDC, 30mA)
Audio	1 input (line in) two-core terminal block; 1 output (line out) two-core terminal block
Video Output	1Vp-p composite output(75Ω/CVBS)
On-board Storage	Built-in micro SD slot, up to 256 GB
Hardware Reset	Yes
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 (network disconnected, IP address conflict, illegal login, HDD full, HDD error)

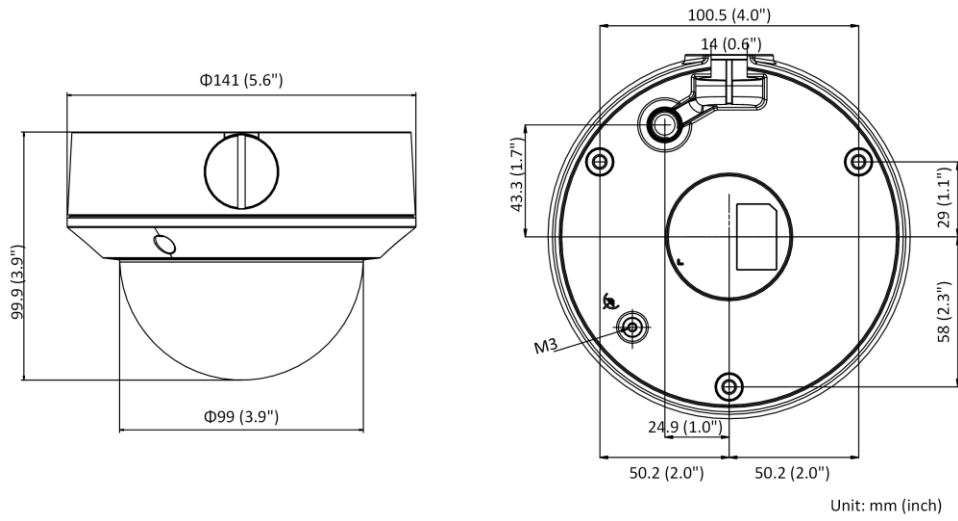
General	
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
Dual Backup	Yes
Firmware Version	5.5.85
Web Client Language	English, Russian, Portuguese, Spanish, Turkish, Italian, French, Polish
General Function	Anti- flicker, heartbeat, mirror, privacy masks, flash log
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, class 3)
Power Consumption and Current	12 VDC, 0.83 A, max. 10 W PoE: (802.3af, 36 V to 57 V), 0.4 A to 0.2 A, max. 12 W
Power Interface	Ø5.5 mm coaxial power plug
Material	Metal front cover and base
Camera Dimension	Ø141 × 99.9 mm (5.5" × 3.9")
Package Dimension	140 × 140 × 154 mm (5.5" × 5.5" × 6.1")
Camera Weight	830 g (1.8 lb.)
With Package Weight	1130 g (2.5 lb.)
Approval	
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	Ingression 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-2CD3741G0-IZS (2.7 to 13.5 mm)

**Dimension**



**Accessory**



**DS-1276ZJ-SUS**

Corner Mount



**DS-1227ZJ**

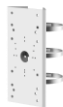
In-Ceiling Mount

The bracket should be used together with the adapter plate D20-AP(White)



**DS-1271ZJ-135**

Pendant Mount



**DS-1275ZJ-SUS**

Vertical Pole Mount



**DS-1258ZJ-L**

Wall Mount



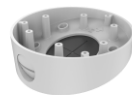
**DS-1273ZJ-135**

Wall Mount



**DS-1473ZJ-135B**

Wall Mount



**DS-1281ZJ-DM23**

Inclined Ceiling Mount



**DS-1280ZJ-DM21**

Junction Box



**DS-1250ZJ**

Rain Shade



**DS-1253ZJ-L**

Rain Shade



**D20-AP**

Adapter Plate

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