

## DS-2CD3721G0-IZ 2 MP IR Varifocal Dome Network Camera



- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.7 to 13.5 mm, varifocal lens
- Color: 0.018 Lux @ (F1.6, AGC ON)
- H.265, H.265+, H.264, H.264+
- Three streams

- BLC/3D DNR/ROI/HLC
- IR range: Up to 40 m
- IP67, IK10
- 3-Axis adjustment
- Built-in micro SD/SDHC/SDXC card slot, up to 256 GB



## Specifications

Camera	
Image Sensor	1/2.8" 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
Day & Night	IR Cut Filter
WDR	Digital WDR
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
Lens	
Lens Type	2.7 to 13.5 mm
Aperture	F1.6
FOV	Horizontal FOV: 100° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118° to 40.1°
Lens Mount	Φ14
Illuminator	
IR Range	Up to 40 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 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.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-Set	
Smart Event	Line crossing detection, 1 line configurable Intrusion detection, 1 region configurable
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Upload to FTP/memory card, notify surveillance center, send email, trigger capture
Region of Interest	1 fixed region for main stream

<b>Image</b>	
Image Enhancement	BLC, HLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
SNR	> 50dB
<b>Network</b>	
Network Storage	microSD/SDHC/SDXC card (256 GB), local storage and ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
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
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	IE8+, Chrome 41.0-44, Firefox30.0-51, Safari8.0-11
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
<b>General</b>	
Firmware Version	5.5.93
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter, flash log
Reset	Reset via reset button on camera body, web browser and client software
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)
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial power plug; 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
Material	Upper cover & bottom base: metal, bubble: plastic
Dimensions	Camera: Φ 141 mm × 99.9 mm (5.6" × 3.9") With package: 140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1")
Weight	Camera: approx. 750 g (1.7 lb.) With package: approx. 1030 g (2.3 lb.)
<b>Approval</b>	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015

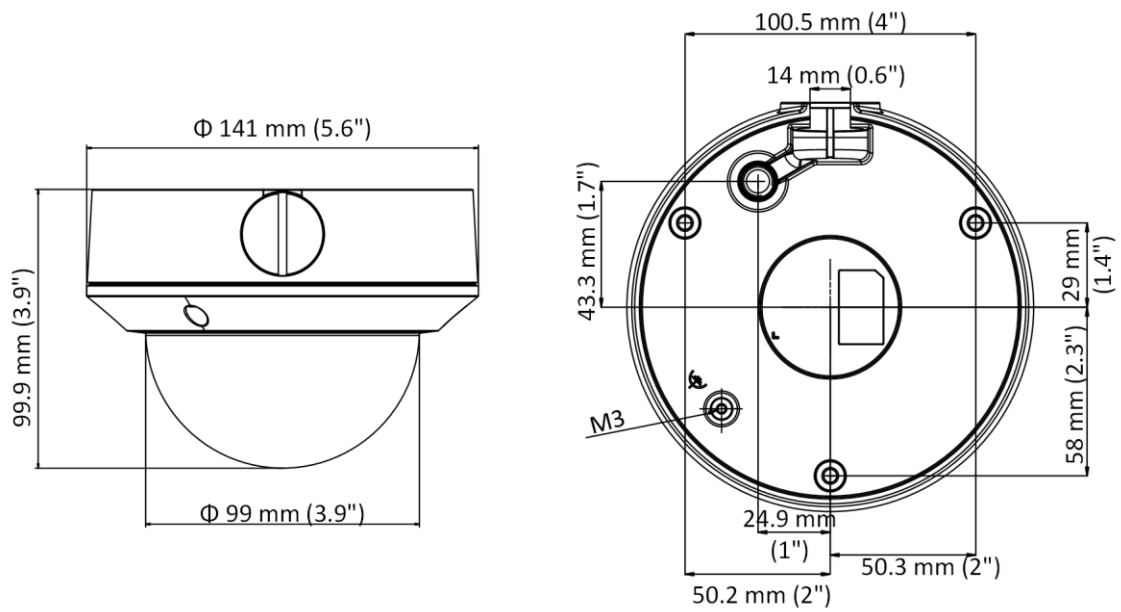
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015, IEC/EN 60950-1
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Ingress protection: IP67 (IEC 60529-2013), IK10(IEC 62262:2002)

\* 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-2CD3721G0-IZ (2.8 to 12 mm)

**Dimension**



Unit: mm (inch)

**Accessory**



**DS-1271ZJ-135**  
**Pendant Mount**



**DS-1273ZJ-135**  
**Wall Mount**



**DS-1473ZJ-135B**  
**Wall Mount with Junction Box**



**DS-1276ZJ-SUS**  
**Corner Mount**



**DS-1275ZJ-SUS**  
**Vertical Pole Mount**



**DS-1227ZJ**  
**In-ceiling Mount**  
The bracket should be used together  
with the adapter plate D20-AP(White)



**DS-1276ZJ-SUS**  
**Corner Mount**



**DS-1281ZJ-DM23**  
**Inclined Ceiling Mount**



**DS-1253ZJ-L**  
**Rain Shade**



**DS-1250ZJ**  
**Rain Shade**



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



**D20-AP(White)**

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