

DS-2CD6D52G0-IH(S)

- High quality imaging with 5 MP resolution
- 3D DNR technology delivers clean and sharp images
- Efficient H.265 compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- A built-in heater provides ultra-low temperature start-up to -40°C
- Water and dust resistant (IP67) and vandal proof (IK10)
- Built-in microphone for real-time audio security
- Easy installation with Power over Ethernet (PoE) technology

▪ Specification

Camera	
Shutter Time	1 s to 1/100,000 s
Day & Night	ICR Cut
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 x 1920
Angle Adjustment	P: -90 to 90°; T: 0 to 60° (2.8mm), 0 to 70° (4/6mm); R: 0 to 355°
Lens	
Focal Length & FOV	2.8mm @ F1.6 horizontal FOV 97°, vertical FOV 70°, diagonal FOV 128° 4 mm @ F1.6, horizontal FOV 79°, vertical FOV 57°, diagonal FOV 104° 6 mm @ F1.6, horizontal FOV 49°, vertical FOV 35°, diagonal FOV 63°
Lens Mount	M12
Aperture	F1.6
DORI	
DORI	2.8 mm: D: 61.1 m, O: 24.2 m, R: 12.2 m, I: 6.1 m 4 mm: D: 85.4 m, O: 33.9, R: 17.1 m, I: 8.5 m 6 mm: D: 128.0 m, O: 50.8 m, R: 25.6 m, I: 12.8 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 10 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (2560 × 1920, 2048 × 1536) 60 Hz: 30 fps (2560 × 1920, 2048 × 1536)
Sub-Stream	50 Hz: 25 fps (640 × 480, 704 × 576) 60 Hz: 30 fps (640 × 480, 704 × 480)
Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 640 × 480, 704 × 576) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 640 × 480, 704 × 480)
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	4 fixed regions for each stream
Audio	
Audio Type	Stereo
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes

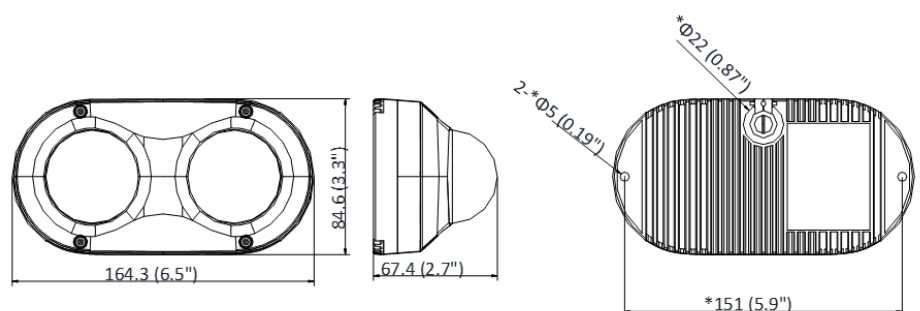
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
Simultaneous Live View	Up to 20 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Smooth Streaming	No
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, TLS 1.2
Network Storage	NAS (NFS, SMB/CIFS)
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate, saturation, brightness, contrast, sharpness, white balance *Rotate and perimeter protection events (line crossing detection, intrusion detection, region entrance detection, region exiting detection) cannot be enabled at the same time.
Day/Night Switch	Day, Night, Auto, Schedule, Triggered by Alarm In (-S)
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, HLC, Defog, EIS, 3D DNR
Privacy Mask	Yes
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Audio	Without -S: 2 built-in mics -S: 2 built-in mics, 1 line in, 1 line out
Alarm	-S: 1 input, 1 output (max. 36 VDC, 30mA)
RS-485	-S: 1 RS-485 interface, half duplex
Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Scene change detection, audio exception detection
Linkage	Upload to FTP/NAS/memory card, send email
General	
Power	12 VDC, 0.9 A, max. 11 W, Ø5.5 mm coaxial power plug PoE: 802.3af, 36 V to 57 V, 0.3 A to 0.2 A, max. 11 W

Dimension	164.3 × 84.6 × 67.4 mm (6.5" × 3.3" × 2.7")
Package Dimension	227 × 172 × 125 mm (8.9" × 6.8" × 4.9")
Weight	Approx. 770 g (1.7 lb.)
With Package Weight	Approx. 1053 g (2.3 lb.)
Storage Conditions	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing)
Language	32 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)
General Function	Mirror, anti-flicker, heartbeat
Heater	Yes
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)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	Ingress protection: IP67, IK10

▪ Available Model

DS-2CD6D52G0-IHS(2.8mm)
 DS-2CD6D52G0-IH(2.8mm)
 DS-2CD6D52G0-IH(4mm)
 DS-2CD6D52G0-IH(6mm)
 DS-2CD6D52G0-IHS(4mm)
 DS-2CD6D52G0-IHS(6mm)
 DS-2CD6D52G0-IHS(2.8mm)(O1)
 DS-2CD6D52G0-IHS(4mm)(O1)
 DS-2CD6D52G0-IHS(6mm)(O1)
 DS-2CD6D52G0-IH(2.8mm)(O1)
 DS-2CD6D52G0-IH(4mm)(O1)
 DS-2CD6D52G0-IH(6mm)(O1)
 DS-2CD6D52G0-IHS(2.8mm)(USA-STD)
 DS-2CD6D52G0-IHS(6mm)(USA-STD)

▪ Dimension



Unit:mm(inch)

▪ Accessory

▪ Optional

DS-1270ZJ-DE7	DS-1270ZJ-DE7	DS-1270ZJ-DE7	DS-1270ZJ-DE7	DS-1280ZJ-DE7

▪ Installation Methods

Wall Mounting DS-1270ZJ-DE7+DS-12 73ZJ-130	Pendant Mounting DS-1270ZJ-DE7+DS-12 71ZJ-110	Vertical Pole Mounting DS-1270ZJ-DE7+DS-12 75ZJ+DS-1273ZJ-130	Corner Mounting DS-1270ZJ-DE7+DS-12 76ZJ+DS-1273ZJ-130	Junction Box DS-1280ZJ-DE7

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