DS-2CD6D54G1-IZS(B)
4-Directional Multisensor Network Camera

WDR | **IR** | | **IP67** |

3D DNR

- 4 adjustable lenses in one camera cover up to 360° field of view, ensuring no blind area monitoring and the monitoring tilt angle can be adjusted
- Each lens up to 5 MP, capturing clear images, and more details can be displayed on video wall
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)
- 3D DNR technology delivers clean and sharp images
- Audio and alarm interface available

▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 × 1920
Min. Illumination	Color: 0.0125 Lux @ (F1.9, AGC ON) B/W: 0.0025 Lux @ (F1.9, AGC ON), 0 Lux with IR
Shutter Time	1 s to 1/100,000 s
Day ＆ Night	IR cut filter
Angle Adjustment	Pan: -60° to 60°, tilt: 10° to 90°, rotate: 0° to 350°
Lens	
Lens Type	Varifocal lens, motorized lens, 2.8 to 8 mm
Focal Length ＆ FOV	2.8 to 8 mm, horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°
Lens Mount	Ø14
Focus	Semi-auto,Manual
Aperture	F1.9
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 15 fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 15 fps (704 × 576, 640 × 480) 60 Hz: 15 fps (704 × 480, 640 × 480)
Third Stream	50 Hz: 6 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 8 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
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 16 Mbps
H.264 Type	Baseline Profile,Main Profile,High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 encoding
Region of Interest (ROI)	4 fixed regions for each stream
Target Cropping	Yes
Audio	
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)/32 Kbps (PCM)
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, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
Simultaneous Live View	Up to 20 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface
Network Storage	NAS (NFS, SMB/CIFS),Auto Network Replenishment (ANR)
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	IE8+, Chrome41.0-44, Firefox30.0-51, Safari8.0-11
Image	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule,Alarm Trigger
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Stabilization	EIS
Image Enhancement	BLC, HLC, 3D DNR, Defog
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/1000 M Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 128 GB
Audio	1 input (line in), 1 output (line out), 3.5 mm three-contact
Alarm	2 inputs, 2 outputs (max. 24 VDC, 1 A)
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
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, defocus detection
Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger alarm output,trigger recording,trigger capture
General	
Power	12 VDC± 20%, 1.8 A, 22 W, reverse polarity protection, three-core terminal block 24 VAC ± 20%, 1.4 A, 22 W PoE: IEEE 802.3at, Class 4, 42.5 to 57 VDC, 0.44 to 0.33 A, 19 W
Material	Bubble & IR cover: plastic, camera: metal
Dimension	Ø250 × 114.9 mm (Ø9.8" × 4.5")
Package Dimension	336 mm × 261 mm × 293 mm (13.2" × 10.3" × 11.5")
Weight	Approx. 2.2 kg (4.9 lb.)
With Package Weight	Approx. 3.9 kg (8.6 lb.)

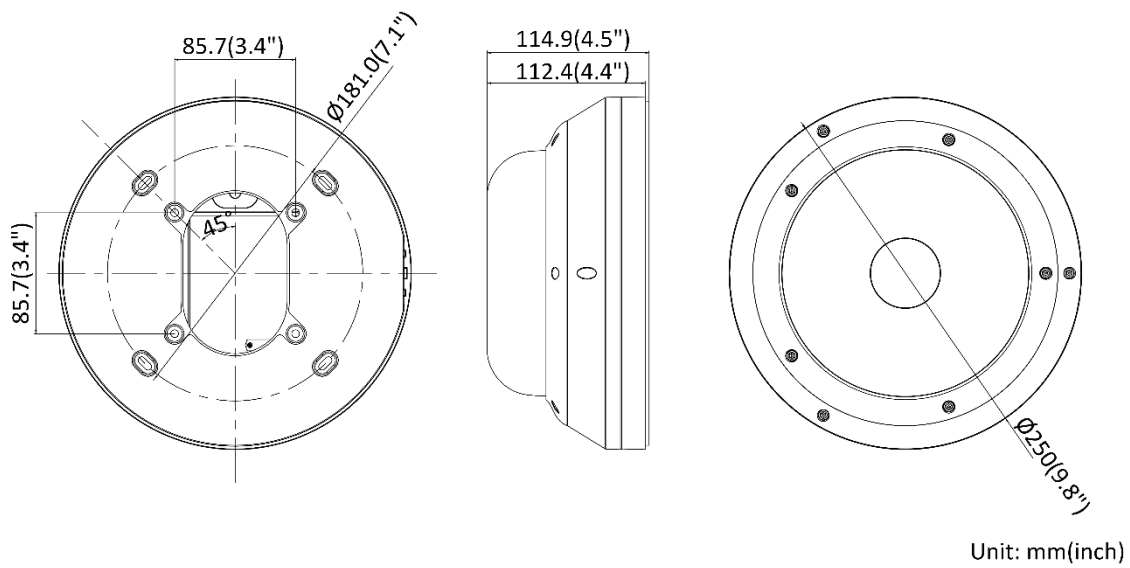| Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Language	32 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, 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	Anti-banding, heartbeat, mirror, privacy mask
Approval	
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, 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
Environment	CE-RoHS: 2011/65/EU
Protection	IP67: IEC 60529-2013,IK10: IEC 62262:2002

▪ DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Distance (Wide)	60 m	23 m	12 m	6 m
Distance (Tele)	120 m	47 m	24 m	12 m

▪ Available Model

DS-2CD6D54G1-IZS(2.8-8mm)(B)

▪Dimension

85.7(3.4")

Ø181.0(7.1")

85.7(3.4")

45°

114.9(4.5")

112.4(4.4")

Ø250(9.8")

Unit: mm(inch)

▪ Accessory

▪Optional

DS-1618ZJ-6D Wall mount	DS-1661ZJ-6D Pendant mount

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