HIKVISION

DS-2CD63C5G0E-I(V)(S) (B)
12 MP IR Network Fisheye Camera

With –V Model

Without –V Model

DS-2CD63C5G0E-I(V)(S) (B) is a fisheye network camera capable of providing a 360-degree panoramic image of its surveillance scene.

The progressive scan CMOS sensor provides high-resolution images of up to 4000 × 3000.

Up to 18 live view display modes, designed for 3 mount types, meet various user preference.

Three independently controlled IR lights offer a range of 15 m and provide good vision in low or even zero-light environment.

- 1/1.7" Progressive Scan CMOS
- Max. 4000 × 3000 @20fps
- Up to 18 live view display modes
- Digital WDR
- Up to 15m IR range
- Built-in microphone and speaker
- Smart features
  6 behavior analyses, and 3 exception detections

▪ 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(2 mm)	43.2 m	17.2 m	8.6 m	4.3 m

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Specifications

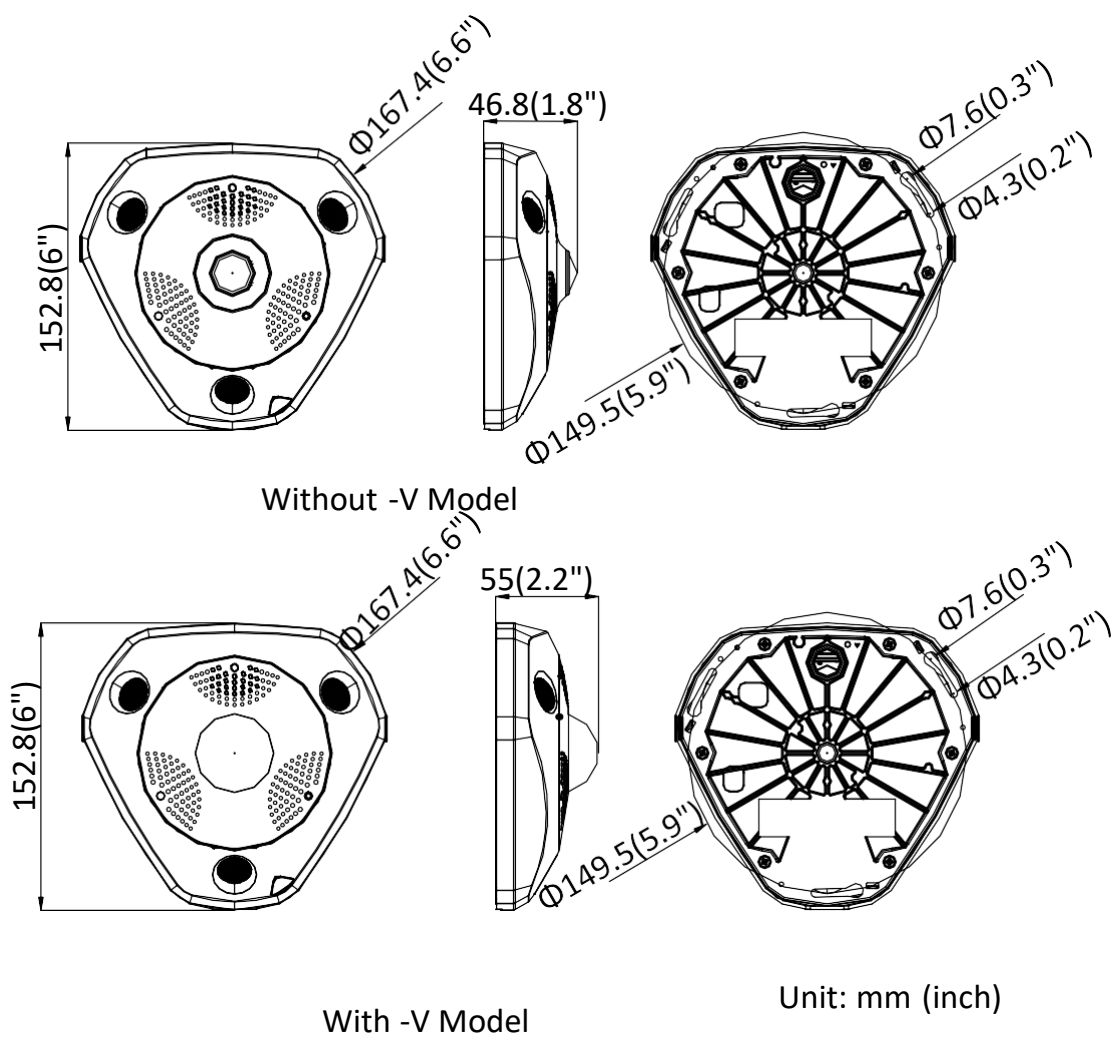| Camera	
Image Sensor	1/1.7'' Progressive Scan CMOS
Min. Illumination	Color: 0.0082 Lux @ (F2.8, AGC ON), B/W: 0.0047 Lux @ (F2.8, AGC ON), 0 Lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	Digital WDR
Lens	
Focal Length	2 mm
Aperture	F2.8
FOV	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)
Lens Mount	M12
IR	
IR Range	Up to 15 m IR range, 3 LEDs. Each LED is independently controlled.
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG
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 16 Mbps
SVC	H.265 and H.264 support
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Exception Detection	Audio exception detection
Region of Interest	4 fixed regions for main stream and sub-stream
Image	
Max. Resolution	4000 × 3000
Main Stream Max. Frame Rate	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)
Sub Stream Max. Frame Rate	50Hz: 20fps (720 × 720, 640 × 480) 60Hz: 20fps (720 × 720, 640 × 480)
Image Enhancement	BLC, HLC, defog, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC and white balance are adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In (-S)
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Live View Display	
Mount Type	Support table, wall, and ceiling mounting

Decoding Mode	Support hardware decoding and software decoding
Display Mode	18 display modes in total Software decoding: Ceiling mount: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ, hemisphere, AR hemisphere, cylinder Wall mount: fisheye view, panorama view, panorama + 3PTZ, panorama + 8PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ Table mount: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ, cylinder Hardware decoding: Ceiling mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion Wall mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion Table mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion

Audio (-S)

Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 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)/32-160Kbps(MP2L2)

Network

Network Storage	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login, HDD full, HDD error
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
Security Measure	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	5.5.73
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels, administrator, operator and user
Client	iVMS-4200, iVMS-4500, Hik-Connect, iVMS-5200
Web Browser	IE8+, Chrome31.0-44, Firefox 30.0-51, Safari8.0+

Interface

Communication Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet port
Audio (-S)	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphone, 1 built-in speaker, mono sound
Alarm (-S)	1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Reset Button	Yes

General

Operating Conditions	-40 °C to +60 °C (-40 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC±20%, PoE (802.3af, class 0) -S model: two-core terminal block Without –S model: Φ 5.5 × 2.1 mm coaxial power plug
Power Consumption	12 VDC, 0.9 A, max. 11 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, max. 12 W
Protection Level (-V)	IP67, IK10

Material	Metal
Dimensions	Without –V model: 167.4 × 152.8 × 46.8 mm (6. 6" × 6" × 1.8") With –V model: 167.4 × 152.8 × 55 mm (6. 6" × 6" × 2.2")
Weight	Approx. 1400 g (3.09 lbs)

Available Model

DS-2CD63C5G0E-I (2 mm) (B); DS-2CD63C5G0E-IS (2 mm) (B), DS-2CD63C5G0E-IV (2 mm) (B), DS-2CD63C5G0E-IVS (2 mm) (B)

Dimensions

Without -V Model

With -V Model

Unit: mm (inch)

Accessories

DS-1280ZJ-DM25

Junction Box

DS-1281ZJ-DM25

Inclined Ceiling Mount

DS-1273ZJ-DM25

Wall Mount

DS-1271ZJ-DM25

Pendant Mount

DS-1283ZJ

Wall Mount (3-axis Adjustment)

Distributed by

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