# HIKVISION

## DS-2CD63C5G0-I(V)(S)
## 12 MP IR Network Fisheye Camera

With –V Model

Without –V Model

**HD** | **SD** | **IR** | **FISHEYE** | **WDR** | **3D DNR**

**DeepinView** series

**IMMERVISION** enables®

DS-2CD63C5G0-I(V)(S) 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 15 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 15 live view display modes
- 120 dB WDR
- Up to 15m IR range
- Built-in microphone and speaker
- Smart features
  6 behavior analyses, and 3 exception detections
  Heat map with deep learning algorithm
  Intersection analysis by deep learning
- Panomorph lens RPL: B9VVT

## Specifications

| Camera | |
|---|---|
| Image Sensor | 1/1.7'' Progressive Scan CMOS |
| Min. Illumination | Color: 0.015 Lux @ (F1.2, AGC ON),<br>B/W: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR |
| Auto-Iris | No |
| Shutter Speed | 1 s to 1/100,000 s |
| Slow Shutter | Yes |
| Day & Night | IR Cut Filter |
| Digital Noise Reduction | 3D DNR |
| WDR | 120 dB |

| Lens | |
|---|---|
| Focal Length | 1.29 mm |
| Focus | No |
| Aperture | F2.2 |
| FOV | Horizontal FOV: 180°, vertical FOV: 180° |
| 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<br>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 |
| Audio Compression (-S) | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate (-S) | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2) |
| 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 |
| Intersection Analysis | Detects and analyze flow in an intersection-like scene, and generate reports<br>Support one intersection of up to 10 ways |
| Heat Map | A graphic description of visits (calculated by people number or by dwell time) in a configured area.<br>Two heap map report types are available, space heat map and time heat map line chart |
| Region of Interest | 4 fixed regions for main stream |

| Image | |
|---|---|
| Max. Resolution | 4000 × 3000 |
| Main Stream<br>Max. Frame Rate | 50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560)<br>60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560) |
| Sub Stream | 50Hz: 20fps (720 × 720) |

| | |
|---|---|
| Max. Frame Rate | 60Hz: 20fps (720 × 720) |
| 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 | 16 display modes in total<br>Software decoding:<br>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<br>Wall mount: fisheye view, panorama view, panorama + 3PTZ, panorama + 8PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ<br>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<br>Hardware decoding:<br>Ceiling mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ<br>Wall mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ<br>Table mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ |
| **_Audio (-S)_** | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz |
| **_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 | 5.5.71 |
| 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, Hik-Central |
| 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 | 2 built-in microphones, 1 built-in speaker, mono sound<br>-S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm) |
| 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 (802.3at, class 4), -S model: two-core terminal block Without –S model: Φ 5.5 × 2.1 mm coaxial power plug |
|---|---|
| Power Consumption | 12 VDC, 1 A, max. 12.5 W PoE (802.3at, 42.5 to 57 V), 0.4 A to 0.3 A, max. 15 W |
| Protection Level (-V) | IP67, IK10 |
| Heater | Yes |
| Material | Metal |
| Dimensions | Without –V model: 167.4 × 152.8 × 46.8 mm (6. 6" × 6" × 1.8") With –V model: 167 × 152.8 × 55 mm (6. 6" × 6" × 2.2") |
| Weight | Approx. 1400 g (3.09 lbs) |

## Available Model

DS-2CD63C5G0-I (1.29 mm); DS-2CD63C5G0-IS (1.29 mm), DS-2CD63C5G0-IV (1.29 mm), DS-2CD63C5G0-IVS (1.29 mm)

## Dimensions
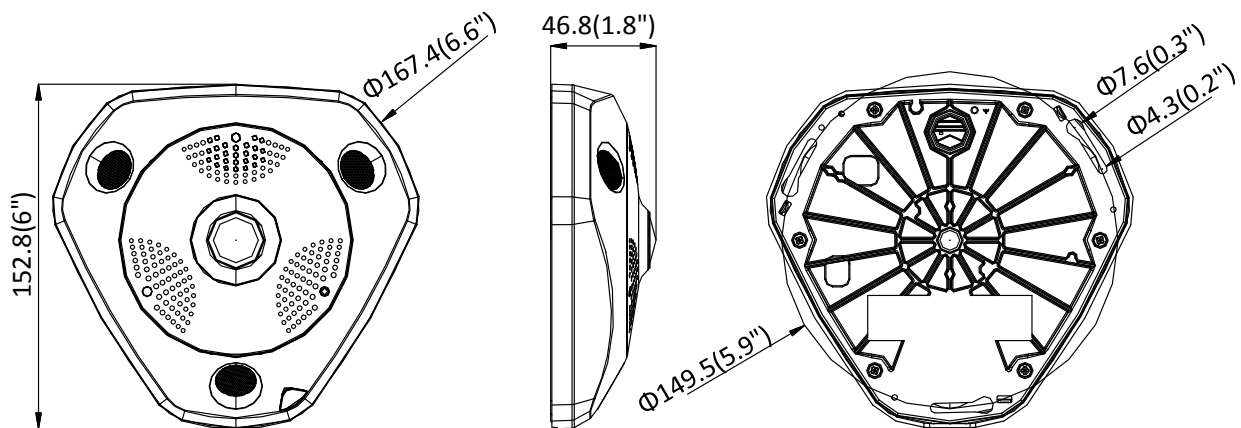


Without -V Model
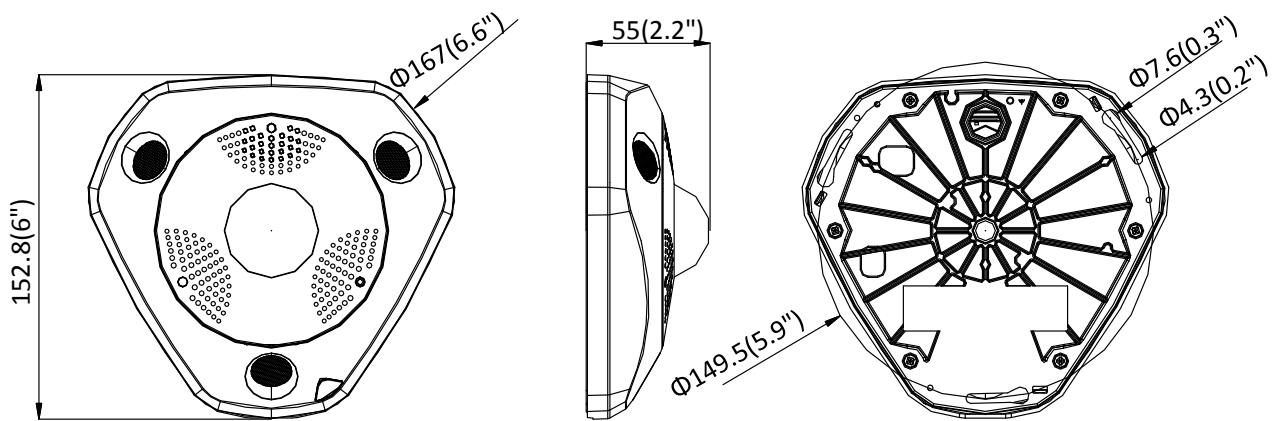


With -V Model

Unit: mm(inch)

## Accessories

| | | | |
|---|---|---|---|
| DS-1280ZJ-DM25 | DS-1281ZJ-DM25 | DS-1273ZJ-DM25 | DS-1271ZJ-DM25 |
| Junction Box | Inclined Ceiling Mount | Wall Mount | Pendant Mount |

DS-1283ZJ

Wall Mount (3-axis Adjustment)

Distributed by

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