

## DS-2CD63C5G0-I(V)S

### 12 MP Network Fisheye Camera

**DeepinView**<sup>series</sup>*DS-2CD63C5G0-IVS**DS-2CD63C5G0-IS*

- **1/1.7" (12 MP) Progressive Scan CMOS**
- **4000 x 3000 Resolution @ 20 fps**
- **Up to 50 ft (15 m) IR Range**
- **360° Viewing Angle**
- **Multiple Viewing Modes**
- **Multiple ePTZ Streams with Preset and Patrol**
- **Immervision Technology**
- **Ceiling, Wall, or Table Mount Modes**
- **Alarm and Audio Inputs and Outputs**
- **IP67 and IK10 Protection (-V Models Only)**
- **12 VDC and PoE (802.3at), 15 W**
- **Built-in Heater**

The Hikvision DS-2CD63C5G0-I(V)S Network Fisheye Camera provides high definition output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is capable of providing a 360° panoramic image of the surveillance environment, and supports up to 18 live view display modes. These are designed for three mount types and two decoding modes, and provide a wide range of panoramic display options.

The Fisheye camera is equipped with a 12 MP lens, and has an IR range of up to 50 ft (15 m).

In addition to the standard motion detection and exception detection smart features included in the other devices found in this series, these Fisheye cameras support advanced heat map and intersection analysis based on deep-learning technology.

The -V model is designed for outdoor use.

#### **Available models:**

DS-2CD63C5G0-IS







DS-2CD63C5G0-IVS: IP67, IK10



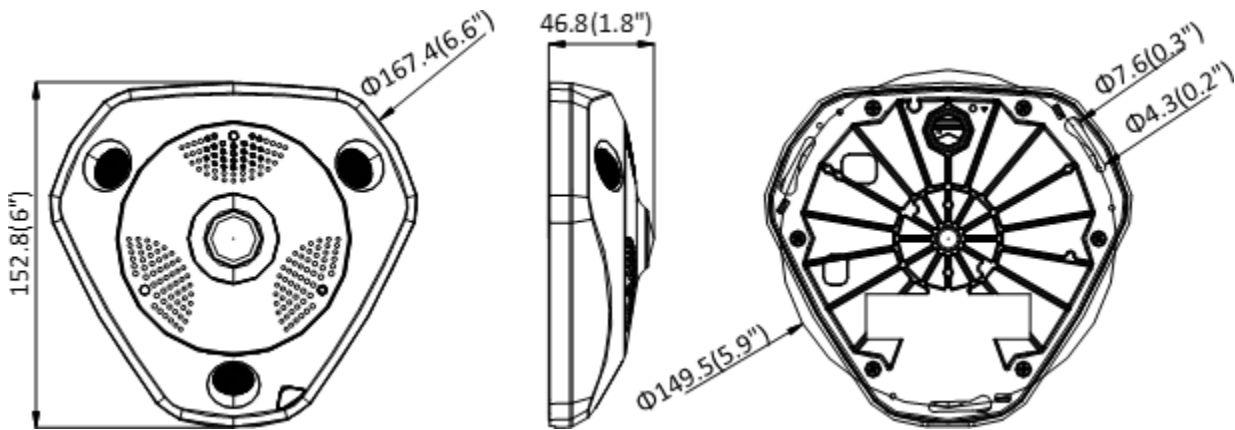
# Specifications

| DS-2CD63C5G0-IS             |   | DS-2CD63C5G0-IVS |  |
|-----------------------------|---|------------------|--|
| Camera                      |   |                  |  |
| Image Sensor                | 1/1.7" progressive scan CMOS  |                  |  |
| Minimum Illumination        | Color: 0.05 lux @ (f/2.2, AGC on), B/W: 0.01 lux @ (f/2.2, AGC on), 0 lux with IR   |                  |  |
| Shutter Speed               | 1 to 1/100,000 s  |                  |  |
| Slow Shutter                | Supported   |                  |  |
| Lens                        | 1.29 mm, f/2.2; horizontal field of view: 180°, vertical field of view: 180°  |                  |  |
| Lens Mount                  | M12   |                  |  |
| Day/Night                   | IR cut filter   |                  |  |
| Digital Noise Reduction     | 3D DNR  |                  |  |
| WDR                         | Digital WDR   |                  |  |
| 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 supported   |                  |  |
| H.265 Type                  | Main profile  |                  |  |
| H.265+                      | Main stream supported   |                  |  |
| Video Bit Rate              | 32 Kbps to 16 Mbps  |                  |  |
| SVC                         | H.265 and H.264 supported   |                  |  |
| IR                          |   |                  |  |
| IR Range                    | Up to 50 ft (15 m) with 3 LEDs. Each LED is controlled independently.   |                  |  |
| Wavelength                  | 850 nm  |                  |  |
| Image                       |   |                  |  |
| Maximum Resolution          | 4000 x 3000   |                  |  |
| Main Stream                 | 20 fps (4000 × 3000), 30 fps (3000 × 3000, 2560 × 2560)   |                  |  |
| Sub Stream                  | 20 fps (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 Switching         | Day/night/auto/schedule/triggered by alarm in   |                  |  |
| Picture Overlay             | Logo picture can be overlaid on video with 128 x 128 24-bit bmp format  |                  |  |
| Live View Display           |   |                  |  |
| Mount Type                  | Table, wall and ceiling mounts  |                  |  |
| Decoding Mode               | Hardware and software decoding  |                  |  |
| Display Mode                | Total of 18 display modes supported:<br>Software Decoding: Ceiling Mount: Fisheye View, 180° Panorama View, 360° Panorama View, 360° Panorama + PTZ, 360° Panorama + 3 PTZ, 360° Panorama + 6 PTZ, 360° Panorama + 8 PTZ, 2 PTZ, 4 PTZ, Fisheye + 3 PTZ, Fisheye + 8 PTZ, Hemisphere, AR Hemisphere, Cylinder<br>Wall Mount: Fisheye View, Panorama View, Panorama + 3 PTZ, Panorama + 8 PTZ, 4 PTZ, Fisheye + 3 PTZ, Fisheye + 8 PTZ<br>Table Mount: Fisheye View, 180° Panorama View, 360° Panorama View, 360° Panorama + PTZ, 360° Panorama + 3 PTZ, 360° Panorama + 6 PTZ, 360° Panorama + 8 PTZ, 4 PTZ, Fisheye + 3 PTZ, Fisheye + 8 PTZ, Cylinder<br>Hardware Decoding: Ceiling Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion<br>Wall Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion<br>Table Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion |                  |  |
| Audio                       |   |                  |  |
| Environment Noise Filtering | Supported   |                  |  |
| Audio Sampling Rate         | 8 kHz/16 kHz  |                  |  |
| 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 160 Kbps (MP2L2)  |                  |  |
| Smart Features              |   |                  |  |
| Motion Detection            | Line crossing, intrusion, region entrance, region exiting, unattended baggage, object removal   |                  |  |
| Exception Detection         | Audio exception detection   |                  |  |
| Intersection Analysis       | Detects and analyzes flow in an intersection-like scene and generate reports. Supports one intersection of up to 10 ways.   |                  |  |
| Heat Map                    | Graphic description of visits (calculated by people number or by dwell time) in a configured area.<br>Two heat map report types are available: space heat map and time heat map line chart.   |                  |  |
| Region of Interest          | Four fixed regions for main stream and sub-stream   |                  |  |
| Network                     |   |                  |  |
| Network Storage             | Supports microSD/SDHC/SDXC card (256 GB), 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 Measures           | 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   |                  |  |
| Standard                    | 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, Hik-Connect  |                  |  |
| Web Browser                 | IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+   |                  |  |
| Interface                   |   |                  |  |
| Communication Interface     | One RJ-45 10M/100M/1000M self-adaptive Ethernet port  |                  |  |
| Audio                       | Two built-in microphones, one built-in speaker, mono sound, one audio input (line in, 3.5 mm), one audio output (line out, 3.5 mm)  |                  |  |
| Alarm                       | 1-ch alarm input, maximum 12 V; 1-ch alarm output, maximum 24 VDC, 1 A  |                  |  |
| On-Board Storage            | Built-in microSD/SDHC/SDXC slot, up to 256 GB   |                  |  |
| Reset Button                | Yes   |                  |  |
| General                     |   |                  |  |
| Operating Conditions        | -40° to 140° F (-40° to 60° C); humidity 95% or less (non-condensing)   |                  |  |
| Power Supply                | 12 VDC ±20%, PoE (802.3at, class 4), two-core terminal block  |                  |  |
| Power Consumption           | 12 VDC, 1 A, maximum 12.5 W, PoE (802.3at, 42.5 to 57 V), 0.4 A to 0.2 A, maximum 15 W  |                  |  |
| Protection                  | --- IP67, IK10  |                  |  |
| Heater                      | Yes   |                  |  |
| Material                    | Metal   |                  |  |
| Dimensions                  | 6.6" x 6" x 1.8" (167.4 mm x 152.8 mm x 46.8 mm)  |                  | 6.6" x 6" x 2.2" (167.4 mm x 152.8 mm x 55 mm) |
| Weight                      | 3.09 lbs (1.40 kg)  |                  |  |

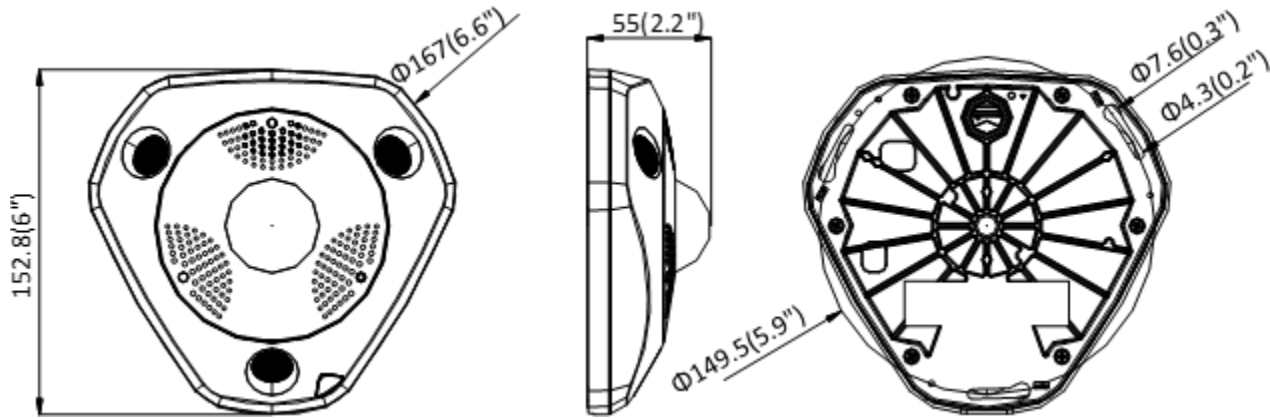
# Accessories

| NOT INCLUDED  |   |   |   |  |   |
|---|---|---|---|--|---|
|  |  |  |  |  |  |
| <b>CPM</b><br>Ceiling Pendant Mount   | <b>CB-FE</b><br>Junction Box  | <b>AB-FE</b><br>Inclined Ceiling Mount  | <b>PC-FE</b><br>Pendant Cap   | <b>WML</b><br>Long Wall Mount with Back Box  | <b>RPM</b><br>Roof Parapet Mount  |
| Requires CB-FE, AB-FE, or PC-FE   |   |   |   |  |   |

# Dimensions



DS-2CD63C5G0-IS



Unit: mm (inch)

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