

DS-2CD63C5G0-IS
12 MP Network Fisheye Camera

104-882



- 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-IS 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 behavior analysis 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.

Specifications

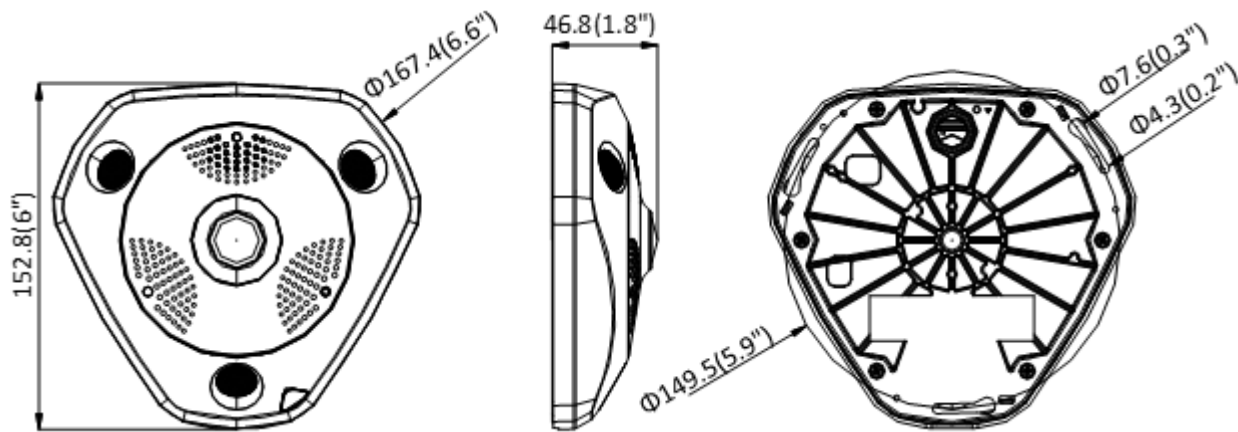
DS-2CD63C5G0-IS		DS-2CD63C5G0-IVS	
Camera			
Image Sensor	1/1.7" progressive scan CMOS		
Minimum Illumination	Color: 0.05 lux @ (f/2.2, AGC on), B/W: 0.01 lux @ (f/2.2, AGC on), 0 lux with IR		
Shutter Speed	1 to 1/100,000 s		
Slow Shutter	Supported		
Lens	1.29 mm, f/2.2; horizontal field of view: 180°, 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 x 3000), 30 fps (3000 x 3000, 2560 x 2560)		
Sub Stream	20 fps (720 x 720, 640 x 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: 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 Wall Mount: Fisheye View, Panorama View, Panorama + 3 PTZ, Panorama + 8 PTZ, 4 PTZ, Fisheye + 3 PTZ, Fisheye + 8 PTZ 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 Hardware Decoding: Ceiling Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion Wall Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion 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			
Behavior Analysis 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. 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

					
CPM Ceiling Pendant Mount	CB-FE Junction Box	AB-FE Inclined Ceiling Mount	PC-FE Pendant Cap	WML Long Wall Mount with Back Box	RPM Roof Parapet Mount
Requires CB-FE, AB-FE, or PC-FE					

Dimensions



Unit: mm (inch)

ORDERING INFORMATION

104-882

Hikvision DS-2CD63C5GO-IS