

DS-2CD63C2F-IV(S)

12 MP Network Indoor/Outdoor Fisheye Camera



- 360° Panoramic View
- High Resolution 12 MP (4000 × 3072) @ 20 fps
- Up to 14 Live View Display Modes
- Digital WDR
- Up to 50 ft (15 m) IR Range
- Line Crossing, Intrusion Detection
- Heat Map Feature
- IP66 and IK10 Protection
- 12 VDC, PoE (802.3at)
- MicroSD Card Slot, up to 128 GB
- Built-in Speaker and Microphone
- Built-in Audio I/O (-S)

DS-2CD63C2F-IV(S) is a fisheye network camera capable of providing a 360 degree panoramic image of its surveillance scene.

The progressive scan CMOS sensor provides 12 MP high-resolution images.

Up to 14 live view display modes, designed for three mount types and two decoding modes, meet the major needs of different preferences.

An IR range of 50 feet (15 meters) provides good visibility in low or even zero-light environments.

Available Models:

DS-2CD63C2F-IV

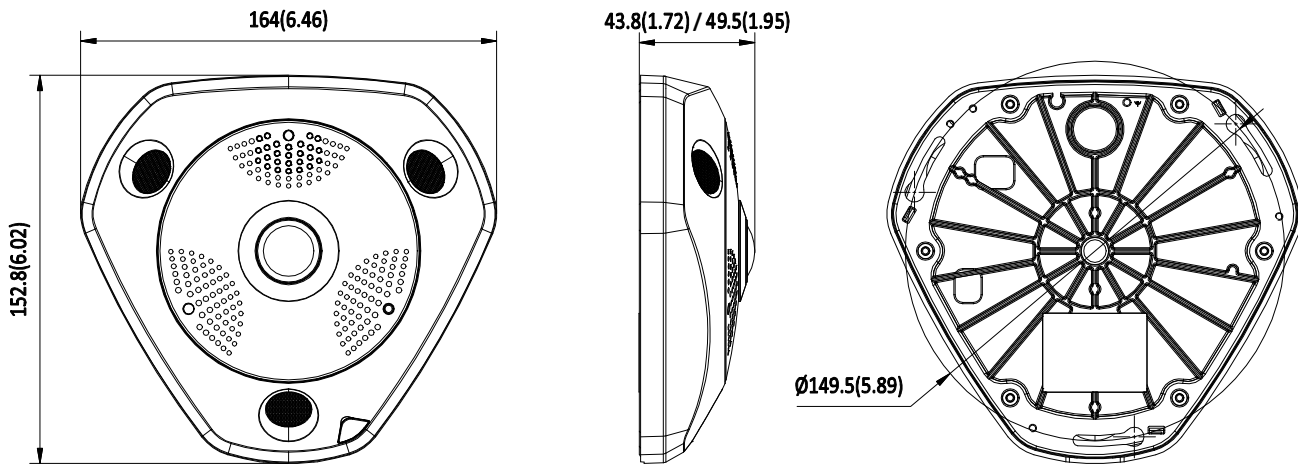
DS-2CD63C2F-IVS: Built-in audio I/O, alarm I/O



Specifications


	DS-2CD63C2F-IV	DS-2CD63C2F-IVS
Camera		
Image Sensor	1/1.7" progressive scan CMOS	
Minimum Illumination	0.04 lux @ (f/2.4, AGC on), 0 lux with IR	
Shutter Speed	1/3 s to 1/100,000 s	
Slow Shutter	Supported	
Lens	2 mm @ f/2.4, horizontal field of view: 180° (wall mount), 360° (ceiling mount), 360° (table mount)	
Lens Mount	M12	
Day/Night	IR cut filter	
Digital Noise Reduction	3D DNR	
WDR	Digital WDR	
Compression Standard		
Video Compression	Main stream: H.264 Sub stream: H.264/MJPEG	
H.264 Type	Baseline profile/main profile/high profile	
H.264+	Support only when the display mode is Fisheye View	
Video Bit Rate	256 Kbps to 16 Mbps	
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)	
Image		
Maximum Resolution	4000 × 3072	
Fisheye View Main Stream	50 Hz: 20 fps (4000 × 3072), 25 fps (3072 × 3072, 2560 × 2560)	
Maximum Frame Rate	60 Hz: 20 fps (4000 × 3072), 24 fps (3072 × 3072), 30 fps (2560 × 2560)	
Fisheye View Sub Stream	50 Hz: 12.5 fps (720 × 720, 720 × 576)	
Maximum Frame Rate	60 Hz: 15 fps (720 × 720, 704 × 480)	
Image Enhancement	BLC/3D DNR	
Image Setting	Saturation, brightness, contrast, sharpness adjustable by client software or Web browser	
Region of Interest	Supports three fixed regions for each stream	
Day/Night Switch	Auto/schedule/triggered by alarm in	
Picture Overlay	Logo picture can be overlaid on video with 128 × 128 24-bit bmp format	
Live View Display		
Mount Type	Supports table, wall, and ceiling	
Decoding Mode	Supports hardware decoding and software decoding	
Display Mode	Supports 14 display modes in total (including display modes of different mount types and decoding modes): Fisheye View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, 360 Panorama View, 360 Panorama + PTZ, 360 Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, 2PTZ, Fisheye + 8PTZ, Panorama View, Panorama + 3PTZ, Panorama + 8PTZ	
Smart Feature Set		
Intrusion Detection	Cross a pre-defined virtual line, up to four pre-defined virtual lines supported	
Line Crossing Detection	Enter and loiter in a pre-defined virtual region, up to four pre-defined virtual regions supported	
Heat Map	A graphical representation of visitation density in a configured area.	
Network		
Network Storage	Supports microSD/SDHC/SDXC card (128 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, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6, Bonjour	
General Function	One-key reset, anti-flicker, heartbeat, password protection, privacy mask, watermark, IP address filter	
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI	
Interface		
Communication Interface	1 RJ-45 10M/100M/1000M Ethernet port	
Built-In Mic and Speaker	1 built-in microphone, -42 dB; 1 built-in speaker, supports echo cancellation	
Audio Input	---	1 x 3.5 mm audio input interface
Audio Output	---	1 x 3.5 mm audio output interface
Alarm	---	1 input, 1 output (up to 24 VDC or 110 VAC 500 mA)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	
Reset Button	Yes	
General		
Operating Conditions	Indoor temperature: 14° to +122° F (-10° to +50° C) Outdoor temperature: -22° to +140° F (-30° to +60° C) Humidity 95% or less (non-condensing)	
Power Supply	12 VDC ±10%, 0.94 A PoE (802.3at, class 4), 0.41 to 0.26 A	
Power Consumption	Maximum 14.7 W	
IR Range	49.2 ft (15 m)	
Protection Level	IEC60068-2-75Eh, 20J; EN50102, up to IK10 for camera housing IP66	
Dimensions	6.46" × 6.02" × 1.95" (164 mm × 152.8 mm × 49.5 mm)	
Weight	3.09 lbs (1400 g)	

Dimensions



Unit: mm (inch)

Accessories (Not Included)

				
CB-FE Junction Box	AB-FE Inclined Ceiling Mount	WML Wall Mount Long	CPM Ceiling Pendant Mount	CPME CPM Extendable Pole
				
PM Pole Mount	CM Corner Mount	RPM Parapet Wall Mount	PC-FE Pendant Cap	