

DS-2CD63C2F-I(V)(S)

12MP Fisheye Network Camera



Multiple Display Modes

The 12MP IR Fisheye Network Camera supports several viewing modes, including the 360° view, a horizontal panoramic view, PTZ quad view modes. Customers can also utilize this smooth PTZ function to easily pan, tilt and zoom, on any region of interest (ROI).

DS-2CD63C2F-I(V)(S) is designed to single-handedly capture images from every corner of a particular location and eliminate blind spots. It features a progressive scan CMOS sensor to provide high-resolution images of up to 4000 × 3072, and a fisheye lens for a 360° panoramic or multiple de-warped views. Furthermore, IR functionality provides up to 15m IR distance of visibility under low or even zero-light conditions.

It is a great choice for detailed coverage of wide, open areas like airports, shopping malls, parking lots, retail stores, offices, restaurants, classrooms, and more.

- 1/1.7 Progressive Scan CMOS
- 12 megapixel image sensor
- Up to 4000 × 3072 resolution
- Multiple viewing modes
- Line crossing and intrusion detection
- Ceiling, wall or table mount modes
- Up to 15m IR range
- 360° view angle
- Built-in microphone & speaker
- Audio/Alarm IO/ RS485(-S model)
- IP66(-V model)
- IK10 vandal proof(-V model)

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Specification

Camera

Image Sensor	1/1.7 Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0.04 Lux @ (F2.4, AGC ON), 0 Lux with IR
Shutter Speed	1/25(1/30)s ~ 1/100,000s
Lens	1.98mm @F2.4, angle of view: 360
Lens Mount	M12
Day & Night	ICR

Compression Standard

Video Compression	H.264 / MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps ~ 16 Mbps
Audio Compression(-S)	G.711/G.726/MP2L2/
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726) / 64Kbps(MP2L2)

Image

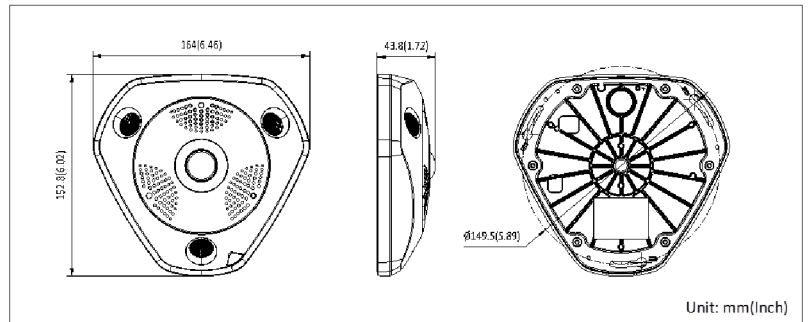
Max. Resolution		4000 3072
Live Mode	Mode1	1 Fisheye or 4 PTZ
	Mode2	1 Fisheye(main stream) + 1 Fisheye(sub stream) + 3 PTZ
	Mode3	1 Panorama(main stream) + 1 Panorama(sub stream)
Frame Rate	Mode1	50Hz: 1fisheye (4000 3072, 20fps; 3072 3072,2560 2560 , 25fps) or 4PTZ (1600 1200, 12fps) 60Hz: 1fisheye (4000 3072, 20fps; 3072 3072,2560 2560 , 24fps) or 4PTZ (1600 1200, 15fps)
	Mode2	50Hz: 1 Fisheye(20482048 , 12801 280, 12fps) + 1 Fisheye(720 720, 12fps) +3 PTZ(1600 1200, 12fps) 60Hz: 1 Fisheye(12801 280, 15fps) + 1 Fisheye(720 720, 15fps) +3 PTZ(1600 1200, 15fps)
	Mode3	50Hz:1 Panorama(3072 2304, 3072 1152, 12fps) + 1 Panorama(704 576, 12fps) 60Hz:1 Panorama(3072 2304, 3072 1152, 15fps) + 1 Panorama(704 576, 15fps)
Digital Noise Reduction		3D DNR
Image Setting		Saturation, Brightness, Contrast, Hue, Sharpness, AGC, White Balance
Wide Dynamic Range		Digital WDR
Day/Night Switch		Auto/Schedule/Alarm Trigger
ROI		Up to 4 fixed areas in each stream

Network

Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing detection, Intrusion detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP ONVIF(PROFILE S,PROFILE G), PSIA, CGI, ISAPI
Security	User Authentication, Watermark, IP address filtering, Anonymous access

Interface

Dimensions



Communication Interface	1 RJ45 10M/100M/1000M Ethernet interface; 1 RS485 interface(-S)
Audio Input	1 3.5mm audio interface, Mic in/Line in (-S); 1 built-in microphone by default, 24db
Audio Output	1 3.5mm audio output interface (-S); 1 built-in speaker by default, support echo cancellation
Alarm Input(-S)	1
Alarm Output(-S)	1
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB

General

Operating Conditions	Indo Indoor: -10 C 50 C (14 F 122 F) -V: -30 C 60 C (-22 F 140 F) Humidity 95% or less (non-condensing)
Power Supply	12 VDC 10% / PoE (802.3af)
Power Consumption	Max. 12W
IR Range	15 meters
Impact Protection	-V: IEC60068-2-75Eh, 20J; EN50102, up to IK10
Ingress Protection level	-V: IP66
Dimensions	164x152.8x43.8mm(6.46x6.02x1.72)
Weight	1400g
Order Models	DS-2CD63C2F-I, DS-2CD63C2F-IV, DS-2CD63C2F-IS, DS-2CD63C2F-IVS

Accessories

