

DS-2CD2942F-(I)(W)(S) 4MP Compact Fisheye Network Camera



Key Features

- Up to 4 megapixel high resolution
- Fisheye and PTZ view
- Dual video streams
- Digital Wide Dynamic Range
- Digital Noise Reduction
- Support on-board storage, up to 128 GB
- DC12V & PoE
- -I: Up to 8 m IR range
- -S: Audio/Alarm IO
- -W: Built-in Wi-Fi
- Mobile Monitoring via Hik-Connect



Specifications

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	1.6 mm @ F2.0, horizontal field of view: 180°, vertical field of view: 106°
Lens Mount	M12
Day & Night	Electronic (-I: ICR)
DNR	DNR
Wide Dynamic Range	Digital WDR
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)
Dual Streams	Support
Image	
Max. Resolution	2560 × 1440
Main Stream	50Hz: 12.5fps @ 2560 × 1440, 25fps@(1920 × 1080,1280 × 720); 60Hz: 15fps@2560 × 1440, 30fps@(1920 × 1080,1280 × 720)
Sub Stream	50Hz: 12.5fps @ (704 × 576, 640 × 480, 352 × 288, 320 × 240); 60Hz: 15fps@@ (704 × 576, 640 × 480, 352 × 288, 320 × 240)
Image Calibration	Support display modes of 180° panoramic, 360° panoramic, PTZ view, etc. via client software or web browser
e-PTZ	Support Preset and Patrol settings
Image Settings	Saturation, Brightness, Contrast, Hue, Sharpness, etc., adjustable by client software or web browser
Backlight Compensation	Support, zone optional
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Others	Mirror, Digital WDR, ROI, DNR, Defog
Network	
Network Storage	NAS (Support NFS,SMB/CIFS), Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
Alarm Trigger	Motion Detection, Dynamic Analysis, Tampering Alarm, Intrusion Detection, Line Crossing Detection, HDD Full, HDD Error, Network Disconnected, IP Address Conflicted, Illegal login
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
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
General Function	One-key Reset, Dual Stream, Anti-Flicker, Password Protection, Privacy Mask, IP Address Filtering, Heartbeat, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB

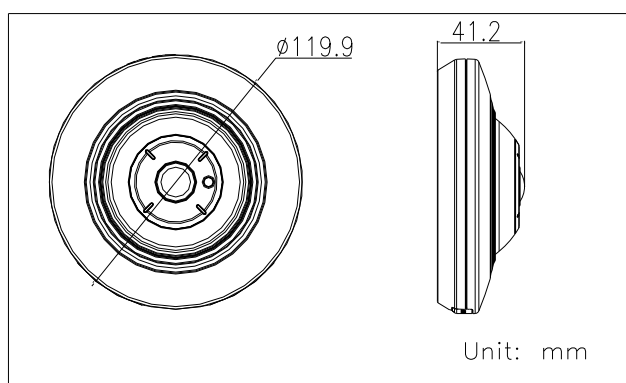
Wi-Fi *only for – W models	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Reception Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Wireless Range	50 meters (The performance varies based on actual environment)
General	
Operating Conditions	-10 °C – 40 °C (14 °F – 104 °F), Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)
Power Consumption	Max. 6W
IR Range	-I: Approx. 8 meters
Dimensions	Φ119.9 × 41.2 mm (4.72" × 1.62")
Weight	600g (1.32lbs)

Order Models

DS-2CD2942F-I, DS-2CD2942F-W, DS-2CD2942F-S, DS-2CD2942F-IS, DS-2CD2942F-IW, DS-2CD2942F-WS, DS-2CD2942F-IWS

-I: IR, -S: Audio/Alarm IO, -W: Built-in Wi-Fi

Dimension



Camera Accessories



Wall Mount
DS-1294ZJ



Pendant Mount
DS-1203ZJ



Inclined Ceiling Mount
DS-1281ZJ-DM27

Distributed by



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