

DS-2CD2542FWD-I (W)(S) 4MP WDR Mini Dome Network Camera



- Up to 4 megapixel high resolution
- Full HD1080p video
- Dual video streams
- 2.8mm/4mm/6mm fixed lens
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 3-axis adjustment
- DC12V & PoE
- Support H.264+
- Up to 10m IR range
- IP67 weather-proof protection
- IK08 vandal-proof protection
- -S: Built-in microphone, Audio Output, Alarm IO
- -W: Built-in Wi-Fi
- Mobile Monitoring via EZVIZ P2P or Hik-Connect

Camera Accessories



Wall mount
DS-1272ZJ-120



Wall mount + Junction Box
DS-1272ZJ-120B



Pendant mount
DS-1271ZJ-120



Corner mount
DS-1276ZJ



Vertical Pole mount
DS-1275ZJ



Rain-proof Cap
DS-1250ZJ



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Specification

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	2.8mm, 4mm, 6mm @ F2.0, angle of view: 106°(2.8mm), 83°(4mm), 55.4°(6mm)
Lens Mount	M12
Day &Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	120dB
Angle of Adjustment	Pan: -30° ~ 30°, Tilt: 0 ~ 75°, Rotation: 0 ~ 360°
Compression	
Video	H.264 / MJPEG/H.264+
H.264 Type	Main Profile
Video Bit Rate	32 Kbps ~ 16 Mbps
Dual Streams	Support
Audio	G.711/G.722.1/G.726/MP2L2 *only for -S models
Audio Bit rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) *only for -S models
Image	
Max. Resolution	2688×1520
Max Frame Rate	50Hz: Main stream:20fps(2688×1520),25fps(1920×1080), 25fps(1280×720), Sub stream:25fps(352×288),25fps(640×360) 60Hz: Main stream:20fps(2688×1520),30fps(1920×1080),30fps(1280×720),Sub stream: 30fps(352×240),30fps(640×360)
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
BLC	Support, zone configurable
ROI Codec	Support
Network	
Network Storage	NAS (Support NFS,SMB/CIFS), ANR
Detection	Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis
Face Detection	Detects the face appears in the surveillance scene and triggers linkage methods such as alarm info and email info
Alarm Trigger	Tampering alarm, Network disconnect, IP address conflict, Storage exception
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, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port
On-board	Built-in Micro SD/SDHC/SDXC slot, up to 128GB
Alarm interface	1x alarm I/O *only for -S models
Audio interface	Built-in microphone and 1x audio output *only for -S models
Reset	Yes

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Wi-Fi * only for -W models

Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 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
Transfer Rates	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Wireless Range	50 meters *The performance varies based on actual environment.

General

Operating Conditions	-30 °C ~ 60 °C (-22 °F ~ 140°F), Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%, PoE (802.3af Class3)
Power Consumption	Max. 5W
Material	Top Cover: Plastic ; Base: Metal
IR Range	Approx. 10 meters
Ingress Protection	IP67
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK08
Dimensions	99.3 × 96.7 × 52.8 mm
Weight	600 g (1.32 lbs)

Order Models

DS-2CD2542FWD-I, DS-2CD2542FWD-IS, DS-2CD2542FWD-IW, DS-2CD2542FWD-IWS

-S: Built-in Mic, Audio out, Alarm I/O, -W: Built-in Wi-Fi

Dimensions

