

DS-2CD2522FWD-I (W)(S) 2MP WDR Mini Dome Network Camera



- Up to 2 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
- IP66 weather-proof protection
- IK08 vandal-proof protection
- -S: Built-in microphone, Audio Output, Alarm IO
- -W: Built-in Wi-Fi

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 | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/10,000 s |
| Lens | 2.8mm, 4mm, 6mm @ F2.0 |
| 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 Standard | |
| Video Compression | H.264 / MJPEG/H.264+ |
| H.264 Type | Main Profile |
| Video Bit Rate | 32 Kbps ~ 16 Mbps |
| Dual Streams | Support |
| Audio Compression | 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 | 1920 × 1080 |
| Frame Rate | 50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720) |
| 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 |
| Alarm Trigger | Motion detection, 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 | One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access |
| Standard | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M Ethernet port |
| On-board storage | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB |
| 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 |
| 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 | -30 °C ~ 60 °C (-22 °F ~ 140°F), Humidity 95% or less (non-condensing) |
| Power Supply | DC12V ± 10%, PoE (802.3af) |
| Power Consumption | Max. 5W |
| IR Range | Approx. 10 meters |
| Ingress Protection | IP66 |
| 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-2CD2522FWD-I, DS-2CD2522FWD-IS, DS-2CD2522FWD-IW, DS-2CD2522FWD-IWS
-S: Audio/Alarm IO, -W: Built-in Wi-Fi

Dimensions

