

DS-2CD2142FWD-I (W)(S) 4MP WDR Fixed 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 30m IR range
- IP66 weather-proof protection
- IK08(-W model)/IK10(non -W model)
- -S: Audio/Alarm IO
- -W: Built-in Wi-Fi

Camera Accessories



Inclined ceiling mount
DS-1259ZJ



Wall mount
DS-1272ZJ-110



Wall mount + Junction Box
DS-1272ZJ-110B



Pendant mount
DS-1271ZJ-110B



Junction Box
DS-1280ZJ-DM18



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 1/10,000 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 |
| P&T rotation | Pan: 0° ~ 355°, Tilt: 0° ~ 75°, Rotation: 0° ~ 355° |
| Compression Standard | |
| Video Compression | H.264 / MJPEG/H.264+ |
| H.264 Type | Main Profile |
| Video Bit Rate | 32 Kbps ~ 16 Mbps |
| Dual streams | Support |
| Image | |
| Max. Resolution | 2688×1520 |
| Frame Rate | 50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720) 60Hz: 20fps (2688×1520), 30fps (1920×1080), 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 128GB |
| Alarm interface | 1x alarm I/O *only for -S models |
| Audio interface | 1x audio I/O *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. 30 meters |
| Ingress Protection | IP66 |
| Impact Protection | IK08(-W model)/IK10(non -W model) |
| Dimensions | Φ111 × 82 (4.4" × 3.2") |
| Weight | 500g (1.1lbs) |

Order Models

DS-2CD2142FWD-I, DS-2CD2142FWD-IS, DS-2CD2142FWD-IW, DS-2CD2142FWD-IWS

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

Dimensions

