

## 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
- IP67 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



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



## Specification

| <b>Camera</b>               |   |
|-----------------------------|---|
| 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 1/100,000 s  |
| Lens                        | 2.8mm, 4mm, 6mm @ F2.0 angle of view: 100°(2.8mm), 90°(4mm), 53.9°(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°  |
| <b>Compression Standard</b> |   |
| 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   |
| <b>Image</b>                |   |
| Max. Resolution             | 1920 × 1080   |
| Max Frame Rate              | 50Hz: Main stream: 25fps(1920×1080), 25fps(1280×960), 25fps(1280×720) Sub stream: 25fps(352×288), 25fps(640×360)<br>60Hz: Main stream: 30fps (1920×1080), 30fps(1280×960), 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   |
| <b>Network</b>              |   |
| Network Storage             | NAS (Support NFS, SMB/CIFS), ANR  |
| Detection                   | Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis  |
| 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                     | One-key reset, Anti-Flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access  |
| Standard                    | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI  |
| <b>Interface</b>            |   |
| 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   |

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



## 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-2CD2522FWD-I, DS-2CD2522FWD-IS, DS-2CD2522FWD-IW, DS-2CD2522FWD-IWS, DS-2CD2522FWD-I /32G-M,  
DS-2CD2522FWD-I/64G-M; DS-2CD2522FWD-IS/32G-M; DS-2CD2522FWD-IS/64G-M;  
-S: Built-in Mic, Audio out, Alarm I/O, -W: Built-in Wi-Fi

## Dimensions

