

DS-2CD2512F-I(W)(S)**Key Features**

- Up to 1.3 megapixel (1280 × 960) @ 30 fps resolution
- Standard video compression with high compression ratio, ROI (region of interest) encoding
- Progressive scan CMOS
- Small and nice
- PoE (Power over Ethernet)
- Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
- Support Wi-Fi, support WPS configuration with one touch(-W)
- IR range approx. 10 meters
- Two-way audio(-S)
- Built-in microphone and audio output(-S)
- IR cut filter with auto switch
- 3D digital Noise Reduction
- Support dual stream, and the sub-stream for mobile surveillance
- Support Backlight Compensation, Digital Wide Dynamic Range, Auto-electronic shutter and so on
- Three-axis adjustment for easy installation
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK08
- Other functions: heartbeat, mirror image, reset button, etc
- Support intrusion detection, line crossing detection
- Support VCA, which is compatible with NVR for the second time of video searching and analysing

Application Scenarios:

It is suitable for low or no illumination environment with HD image quality like road, storage, underground park, bar, tube, garden and so on. Especially it can be used in monitor space needed HD image quality and imperceptibility like hotel, supermarket, office, passage, stairs, elevator, etc.

Specifications

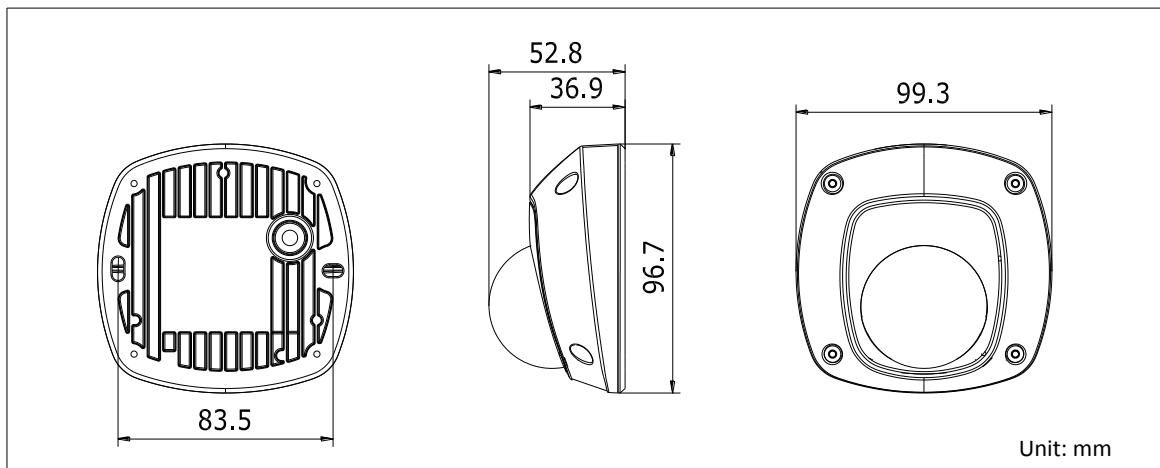
| | |
|-------------------------|--|
| Model parameters | DS-2CD2512F-I(W)(S) |
| | 1.3 megapixel CMOS Network Mini Dome Camera |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @(F1.2,AGC ON) ,0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Lens | 4mm@ F2.0 (2.8mm, 6mm optional) |
| | Angle of view: 92.5°(2.8mm), 73.1°(4mm), 46°(6mm) |
| Lens Mount | M12 |
| Day &Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D Digital Noise Reduction |
| Angle of adjustment | Pan: -30°-30°, Tilt: 0~75°, Rotation: 0-360° |
| WDR | Digital WDR |
| Compression Standard | |
| Video Compression | H.264 / MJPEG |
| H.264 encoding level | Main Profile |
| Video Bit Rate | 32Kbps~12Mbps |
| Audio Compression(-S) | G.711/G.722.1/G.726/MP2L2 |
| Audio Bit Rate(-S) | 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) |
| Image | |
| Max. Resolution | 1280 × 960 |
| Frame Rate | 50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720), 25 fps (704 × 576), 25 fps (640 × 480) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720), 30 fps (704 × 576), 30 fps (640 × 480) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Support |
| Network | |
| Network Storage | Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB. NAS (Support NFS,SMB/CIFS) |
| Alarm Trigger | Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect , IP address conflict, Storage exception |
| Protocols | TCP/IP,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, PSIA, CGI, ISAPI |
| Interface | |
| Communication | 1 RJ45 10M/100M Ethernet interface |
| Alarm interface | -S: 1 alarm I/O |
| Audio interface | -S: built-in microphone, 1 audio output |
| Wi-Fi Specification (Only for the products with Wi-Fi module built-in) | |
| 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 |
| Receive Sensitivity | 11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical) |
| Transfer Rates | 11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps |
| Wireless Range | 50m(depend on environment) |
| Wireless Standards | IEEE802.11b, 802.11g, 802.11n |
| General | |
| Operating Conditions | -30 °C – 60 °C Humidity 95% or less (non-condensing) |
| Power Supply | DC12V±10% / PoE |
| Power Consumption | 5W MAX |
| IR Range | 10 meters |
| Protect level | IP66 |
| Impact Protection | IEC60068-275Eh, 20J; EN50102, up to IK08 |
| Dimensions (mm) | 99.3×96.7×52.8 |
| Weight | 600 g (1.32 lbs) |

Order Models

DS-2CD2512F-I, DS-2CD2512F-IW, DS-2CD2512F-IS, DS-2CD2512F-IWS

Dimensions



Accessories



Indoor/Outdoor wall mount
DS-1272ZJ-120