# DS-2CD2720F-I(S)




## Key Features

- Up to 2 megapixel (1920 × 1080) resolution, real-time output
- Support ROI function
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 10 to 20 meters IR range
- Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Ingress Protection level: IP66
- Electronic shutter for different surveillance environments
- Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10
- Other functions: reset, heartbeat, mirror, etc
- Support intrusion detection and line crossing detection
- Support VCA, which is compatible with NVR for the second time of video searching and analysing

## Specification

| Model / Parameter | DS-2CD2720F-I(S) |
|---|---|
| | 2 Megapixel CMOS Vandal-proof Network Dome Camera |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | 0.01lux @(F1.2,AGC ON) ,0 Lux with IR |

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| | |
|---|---|
| | 0.014lux @(F1.4,AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Lens | 2.8 - 12 mm @ F1.4,Angle of view: 113°-33.8° |
| Angle Adjustment | Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355° |
| Lens Mount | Φ14 |
| Day &Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | Digital WDR |
| Compression Standard | |
| Video Compression | H.264/ MJPEG |
| H.264 Compression Type | BaseLine Profile/Main Profile |
| Video Bit Rate | 32 Kbps – 8 Mbps |
| Audio Compression | G.711/G.722.1/G.726/MP2L2 |
| Audio Bit Rate | 64Kbps(G.711)/ 16Kbps(G.722.1)/ 16Kbps(G.726)/ 32-128Kbps(MP2L2) |
| Dual Stream | Yes |
| Image | |
| Max. Resolution | 1920×1080 |
| Frame Rate | 50Hz: 25fps(1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)<br>60Hz: 30fps(1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Support |
| Network | |
| Network Storage | 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 Interface | 1 RJ45 10M/100M Ethernet interface |

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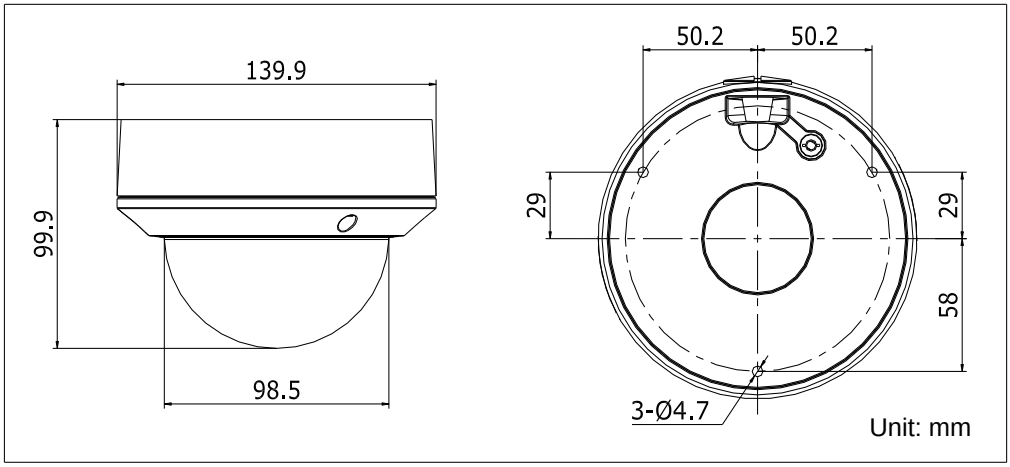
| | |
|---|---|
| On-board storage | Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB |
| General | |
| Operating Conditions | -30 °C – 60 °C (-22 °F – 140 °F)<br>Humidity 95% or less (non-condensing) |
| Power Supply | 12 V DC ± 10%<br>PoE (802.3af) |
| Power Consumption | Max. 5.5 W |
| Ingress Protection level | IP66 |
| Impact Protection | IEC60068-275Eh, 20J; EN50102, up to IK10 |
| IR Range | 30 meters |
| Dimensions | Φ 140 × 99.9 mm (Φ 5.51” × 3.94”) |
| Weight | 1000g |

* “-S” series support 1-ch audio I/O, 1-ch alarm I/O

## Order Models

DS-2CD2720F-I, DS-2CD2720F-IS

## Dimensions




## Accessories



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Wall mount

DS-1273ZJ-135

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