

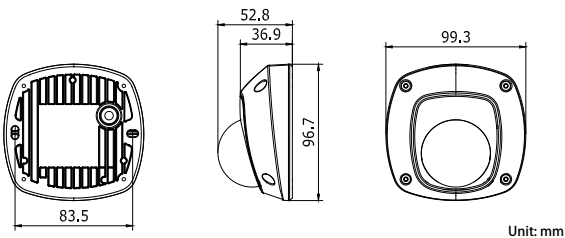
## DS-2CD2512F-I (W)(S) 1.3MP Mini Dome Network Camera



### Key features

- Up to 1.3 megapixel (1280 x 960) resolution
- HD real-time video
- IR LEDs (up to 10m)
- Built-in microphone & speaker
- Support on-board storage (up to 64GB)
- IP66
- -S: Audio, Alarm I/O
- -W: Wi-Fi

### Dimensions



### Accessories

Notes: \* CPM and WML need PC120 cap for installation.  
\* CM corner and PM pole mount are compatible with WML



### Available models

DS-2CD2512F-I, DS-2CD2512F-IWS

\* -W: Wi-Fi

DS-2CD2512F-I (W)(S)	
<b>Camera</b>	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.028 lux@F2.0, AGC on 0 lux with IR
Shutter time	1/30s ~ 1/100,000s
Lens	4mm@F2.0, angle of view: 73.1° (4mm) (2.8mm, 6mm optional)
Lens mount	M12
Day & night	-I: ICR
Adjustment angle	Pan: ±30°, tilt: 0~75°, rotation: 0~360°
Digital noise reduction	3D DNR
Wide dynamic range	Digital WDR
Backlight compensation	Yes, zone configurable
<b>Compression standard</b>	
Video compression	H.264 / MJPEG
H.264 compression profile	Main profile
Bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64 Kbps (G.711) / 16 Kbps (G.726)
<b>Image</b>	
Max. image resolution	1280 x 960
Frame rate	60Hz: 30fps (1280 × 960), 30fps (1280 x 720), 30fps (704 x 576), 30fps (640 x 480)
Image settings	Saturation, brightness, contrast adjustable through client software or web browser
<b>Network</b>	
Network storage	NAS
Alarm trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception, storage error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
System compatibility	ONVIF, PSIA, CGI
General functionalities	Flickerless, dual stream, heartbeat, mirror, user authentication, video mask, watermark
<b>Interface</b>	
Communication interface	1 RJ45 10M / 100M ethernet port
On-board storage	Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
Alarm interface	-S: 1/1
Audio interface	-S: 1/1
<b>Wi-Fi parameters (only for -W model)</b>	
Wi-Fi standard	IEEE802.11b/g/n
Frequency range	2.4 GHz ~ 2.4835 GHz
Communication bandwidth	Support 20/40 MHz
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
Transfer rate	11b: -90dBm @ 11Mbps (Typical); 11g: -75dBm @ 54Mbps (Typical); 11n: -74dBm (Typical)
Transmission range	Outdoor: up to 200 meters; Indoor: up to 50 meters. * It varies depending on actual working environment.
<b>General</b>	
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
Ingress protection level	IP66
Impact protection	IEC60068-2-75Eh, 50J; EN50102, up to IK08
IR range	Up to 10m
Dimensions (mm)	99.9 x 97.5 x 56.5
Weight	350g