

DS-2CD2512F-I(W)(S)



Key Features

- Up to 1.3 megapixel (1280 × 960 @ 30 fps) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Small and nice
- PoE (Power over Ethernet)
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- IR range approx. 10 meters (-I)
- Two-way audio
- Built-in microphone and speaker(-S)
- Support Wi-Fi(-W)
- 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
- IP66
- Other functions: heartbeat, mirror image, reset button, etc.

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	1/25 s to 1/100,000 s
Lens	4mm@F2.0 (2.8mm, 6mm, optional) Angle of view: 68°(4mm)
Lens Mount	M12
Day &Night	-I: 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~16Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Image	
Max. Resolution	1280 × 960
Frame Rate	50Hz: 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast, Acutance adjustable by client software or web
Backlight compensation	Yes, zone optional
Network	
Network Storage	Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB. NAS
Alarm Trigger	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(SIP optional)
Interface protocol	ONVIF,PSIA,CGI
General function	Flash-prevention, dual stream, heartbeat, mirror, password protection, video cover, watermark
Interface	
Communication	1 RJ45 10M/100M Ethernet interface
Alarm interface	-S: 1 alarm input and 1 alarm 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
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m(depend on environment)
General	
Operating Conditions	-30 °C – 60 °C Humidity 95% or less (non-condensing)
Power Supply	DC12V±10% / PoE
Power Consumption	5W MAX
IR Range	-I: 10 meters
Protect level	IP66
Dimensions (mm)	99.9×97.5×56.5
Weight	350g

* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1X protocol.

Order Models

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

Dimensions

