

## DS-2CD2C10F-IW



### Key Features

- Up to 1.3 megapixel (1280 × 960 @ 30 fps) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Support PIR(Passive Infrared Detection)
- Support sound&light alarm with wireless transmission
- Support wireless door magnetic contact, remote control, wireless arm&disarm
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- IR cut filter with auto switch
- Two-way audio
- Built-in microphone and speaker
- Support Wi-Fi, support WPS configuration with one touch(-W)
- PoE (Power over Ethernet)
- One-piece suit with mount for easy installation
- Streamlined design, high reliability
- Support Backlight Compensation, 3D DNR, Digital Wide Dynamic Range, Auto-electronic shutter and so on
- LOGO picture can be overlaid on video
- Other functions: IP address filtering, anonymous access, alarm, reset button, mirror, etc.

### Specification

Model	DS-2CD2C10F-IW
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Parameter	1.3 Megapixel CMOS Alarm Pro Cube Camera
<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux (F1.2,AGC ON) ,0 Lux with IR
Shutter Speed	1/3(1/4) s to 1/100,000 s
Lens Mount	M12
Lens	4 mm, F2.0
	Angle of view: 68°
Day &Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Picture Overlay	LOGO picture can be overlaid on video
WDR	Digital WDR
<b>Compression Standard</b>	
Video Compression	H.264/ MJPEG
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
<b>Image</b>	
Max. Resolution	1280 × 960
Frame Rate	50 Hz: 25 fps (1280 x 960), 25 fps (1280 x 720) 60 Hz: 30 fps (1280 x 960), 30 fps (1280 x 720)
Image Settings	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
ROI	Yes, up to 3 configurable areas
<b>Network</b>	
Network Storage	Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB. NAS
Smart Function	Intrusion detection, Line crossing detection
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, QoS,IPv6,Bonjour
Security	User Authentication, Watermark , IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M Ethernet interface

Alarm input	8
Alarm output	1(433MHz wireless transmission)
Reset Button	Yes
<b>Wi-Fi Specification</b>	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
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	Outdoor: 200m, Indoor: 50m(depend on environment)
<b>General</b>	
Operating Conditions	-25 °C – 60 °C (-13 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	5V DC ± 10%, PoE(802.3af)
Power Consumption	5W MAX
IR Range	15 meters
PIR	Angle of detection: 80°
	Detection range: 10 meters
Dimensions	90 × 114 × 119.8 mm (3.6" × 4.5" × 4.8")
Weight	500 g (1.1 lbs)

\* "-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-2CD2C10F-I, DS-2CD2C10F-IW

## Dimensions

