

# DS-2CD2422FWD-IW

2MP WDR IR Cube network camera



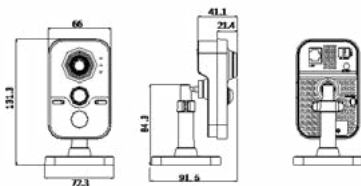
### Key features

- 4MP high resolution
- Intrusion & line crossing detection
- PIR detection
- 120dB WDR
- On-board storage(optional)
- Up to 10m IR range
- Built-in Speaker, Mic, WIFI
- Cloud p2p mobile surveillance

### Available Models

DS-2CD2422F-I, DS-2CD2422F-IW

### Dimension



### DS-2CD2422FWD-IW

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.01Lux @(F1.2, AGC ON), 0 Lux with IR 0.028 Lux @(F2.0, 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: 106°(2.8mm), 85°(4mm), 52°(6mm)
Lens Mount	M12
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D Digital Noise Reduction
WDR	Digital WDR
Compression Standard	
Video Compression	H.264 / MJPEG
H.264 encoding level	Main Profile
Video Bit Rate	32Kbps-12Mbps
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)
Image	
Max. Resolution	1920 x 1080
Frame Rate	50Hz: 25fps(1920 x 1080), 25fps (1280 x 960), 25fps (1280 x 720) 60Hz: 30fps(1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 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, IGM P, 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
Wi-Fi * only for -W models	
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(802.3af)
Power Consumption	5W MAX
PIR	Angle: 80° Range: 10m
IR Range	10 meters
Dimensions (mm)	66×91.5×131.3(2.60"×3.60"×5.17")
Weight	400g(0.88lbs)