

DS-2CD2522FWD-IS Series

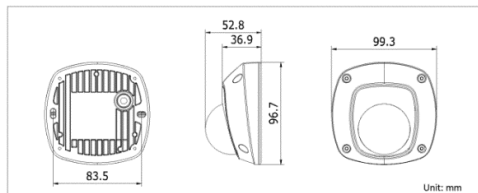
2 MP WDR Compact Dome Network Camera



Key Features

- 2 Megapixel High Resolution
- Full HD1080p Video
- Dual Video Streams
- 2.8 mm, 4 mm, 6 mm Fixed Lens Options
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Smart Features
- PoE (802.3af)
- IR Range 10 Meters (~33 Feet)
- IP67 and IK08 Protection
- Audio and Alarm I/O
- Edge Storage, MicroSD Slot, 128 GB
- Built-In Wi-Fi (-W Model Only)

Dimensions



Accessories



Order Model

DS-2CD2522FWD-IS
DS-2CD2522FWD-IWS, Built-in Wi-Fi

DS-2CD2522FWD-IS Series

Camera	
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	0.028 lux @ (f/2.0, AGC on), B/W: 0 lux with IR
Shutter Speed	1/3 s to 1/10,000 s
Lens	4 mm, 6 mm options
Angle of View	85° (4 mm), 52° (6 mm)
Lens Mount	M12
Day/Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	120 dB
Angle of Adjustment	Pan: -30° to 30°, tilt: 0° to 75°, rotation: 0° to 360°
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Type	Main profile
Video Bit Rate	256 Kbps to 16 Mbps
Dual Streams	Yes
Audio	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	1920 × 1080
Frame Rate	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Image Setting	Compression, color, saturation, brightness, contrast, sharpness, rotate mode, privacy mask
Backlight Compensation	Yes, zone configured
Region of Interest (ROI)	Yes
Analytics	
Smart Features	Line crossing detection, intrusion detection
Network	
Network Storage	NAS (supports NFS, SMB/CIFS), ANR
Alarm Triggers	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Three level user authentication, password authorization, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Communication	1 RJ-45 10M/100M Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Alarm Interface	1x alarm I/O
Audio Interface	Built-in microphone and 1x audio output
Wi-Fi (-W models only)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz supported
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 ±1.5 dBm @ 11 Mbps 11g: 14 ±1.5 dBm @ 54 Mbps 11n: 12.5 ±1.5 dBm
Reception Sensitivity	11b: -90 dBm @ 11 Mbps (typical) 11g: -75 dBm @ 54 Mbps (typical) 11n: -74 dBm (typical)
Transfer Rates	11b: 11 Mbps, 11g: 54 Mbps, 11n: up to 150 Mbps
Wireless Range	50 meters *Performance depends on actual environment
General	
Operating Conditions	-30° C to 60° C (-22° F to 140° F), humidity 95% or less (non-condensing)
Power	12 VDC ±10%, PoE(802.3af)
Power Consumption	Maximum 5 W, maximum 9 W with pan and tilt
IR Range	10 meters (~33 feet)
Ingress Protection	IP67
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK08
Dimensions	99.3 mm x 96.7 mm x 52.8 mm (3.91" x 3.81" x 2.08")
Weight	600 g (1.32 lbs)