DS-2CD2522FWD-IS Series

2 MP WDR Compact Dome Network Camera

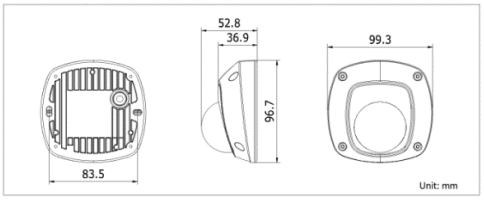




Key Features

- 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)
- IP66 and IK08 Protection
- Audio and Alarm I/O
- Edge Storage, MicroSD Slot, 128 GB
- Built-In Wi-Fi (-W Model Only)

Dimensions



Accessories



Pendant Cap + Wall Mount w/Junction Box PC120 + WML



CPM-120 Pendant Mount

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 @ (ƒ/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, 4 regions
Analytics	
Smart Features	Line crossing detection (4 lines), intrusion detection (4 regions)
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 Mpbs (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	IP66
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)

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