

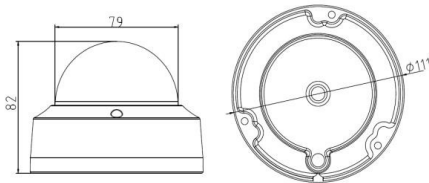
DS-2CD2142FWD-IS

4 MP WDR Fixed Dome Network Camera



- 4 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 30 Meters (~100 Feet)
- IP67 and IK10 Protection
- Audio and Alarm I/O
- Edge Storage, MicroSD Slot, 128 GB

Dimensions



DS 2CD2142FWD IS	
Camera	
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	Color: 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	2.8 mm, 4 mm, 6 mm options
Angle of View	106° (2.8 mm), 83° (4 mm), 56° (6 mm)
Lens Mount	M12
Day/Night	IR cut filter with auto switch
Digital Noise Reduction	3D Digital Noise Reduction
Wide Dynamic Range	120 dB
Pan/Tilt/Rotation	Pan: 0° to 355°; tilt: 0° to 75°; rotation: 0° to 355°
Compression Standards	
Video Compression	H.264/MJPEG
H.264 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Dual Streams	Yes
Audio	G.711/G.722.1/G.726/MP2L2, 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	2688 × 1520
Frame Rate	20 fps (2688 × 1520), 30 fps (1920 × 1080), 30 fps (1280 × 720)
Image Settings	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, line crossing detection, intrusion detection, tamper 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
Standards	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	1x alarm I/O
Audio	1x audio I/O
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
IR Range	Approximately 30 meters (~100 feet)
Ingress Protection	IP67
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK10
Dimensions	Φ111 mm × 82 mm (4.4" × 3.2")
Weight	500 g (1.1 lbs)

Order Model

DS-2CD2142FWD-IS

Accessories



AB110
Angled Base



PC110 + WMS
Pendant Cap +
Wall Mount/Junction Box



CB110
Conduit Base



SRSM
Rain Shade



WM110
Wall Mount