

DS-2CD4324FWD-IZHS Series

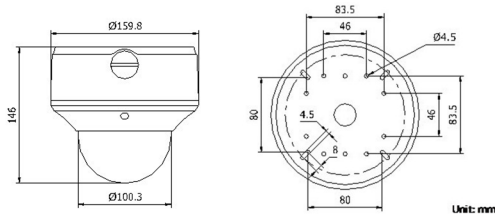
2 MP Vandal Resistant, Weatherproof Network Camera



Key Features

- Up to 1920 x 1080 High Resolution
- Full HD 1080p Video
- Smart Codec
- 120 dB, 3D DNR
- Triple Streams
- On-Board Storage, Up to 128 GB
- Smart Focus: Motorized VF Lens
- Smart VQD
- Intrusion Detection
- Built-In Heater and Fan
- Defog
- 8 mm to 32 mm Motorized VF Lens Optional (-8)
- People Counting

Dimensions



Order Models

DS-2CD4324FWD-IZHS, 2.8 mm to 12 mm @ f/1.4 lens

DS-2CD4324FWD-IZHS8, 8 mm to 32 mm @ f/1.4 lens

DS-2CD4324FWD-IZHS(8)	
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	0.027 lux @ f/1.4, AGC on, 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Lens	2.8 mm to 12 mm @ f/1.4, angle of view: 113° to 33.8° 8 mm to 32 mm @ f/1.4, angle of view: 31.2° to 10.2° (-8 option)
Lens Mount	Ø14
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°
Auto Iris	DC drive
Day/Night	ICR (auto/schedule/alarm trigger)
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120 dB
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
H.264 Codec Profile	Baseline profile/main profile/high profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	1920 x 1080
Frame Rate	50 Hz: 50 fps (1920 x 1080, 1280 x 960, 1280 x 720) 60 Hz: 60 fps (1920 x 1080, 1280 x 960, 1280 x 720)
Third Stream	Independent setting, up to: 50 Hz: 25 fps (1920 x 1080), 60 Hz: 30 fps (1920 x 1080)
Image Settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or Web browser
BLC	Yes, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
Picture Overlay	128 x 128, BMP 24-bit, zone configurable
ROI	Yes, up to four configurable areas for each of three streams
Network	
Network Storage	NAS
Alarm Trigger	Intrusion detection, defocus detection, motion detection, line crossing 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, 802.1X, QoS, IPv6, Bonjour
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System Compatibility	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ-45 10M/100M Ethernet port
Video Output	1 Vp-p composite output (75 Ω/RCA, for lens adjustment when installing)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
General	
Operating Conditions	-40° C to 60° C (-40° F to 140° F), with smart heater on, humidity 95% or less (non-condensing)
Smart Heater	Supported
Power	24 VAC ±10%, PoE (802.3at)
Power Consumption	Maximum 13.5 W
IR Range	Up to 30 meters
Ingress Protection	IP66
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Dimensions	Ø159.8 mm x 146 mm (Ø6.29" x 5.75")
Weight	2100 g (4.62 lbs)