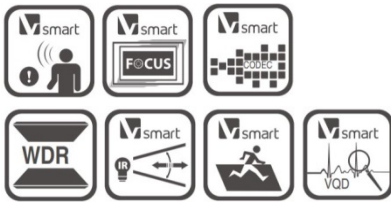


DS-2CD4212FWD-IZH

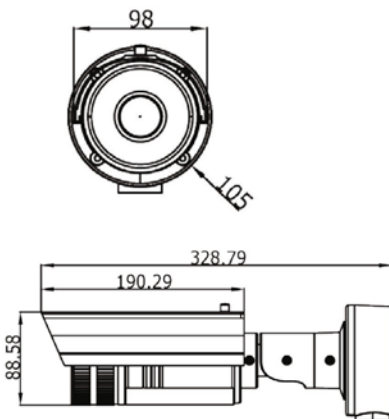
1.3 MP WDR IR Bullet Network Camera



Key Features

- Up to 1280 x 960 High Resolution
- HD720p Video
- Smart Codec
- 120 dB WDR, 3D DNR
- Triple Streams
- On-Board Storage, Up to 128 GB
- Smart Focus: Motorized VF Lens
- Smart VQD
- Intrusion Detection
- Built-In Heater
- Defog

Dimensions (unit: mm)



Order Models

DS-2CD4212FWD-IZH
DS-2CD4212FWD-IZH8

DS-2CD4212FWD-IZH		DS-2CD4212FWD-IZH8
Camera		
Image Sensor	1/3" progressive scan CMOS	
Minimum Illumination	0.01 lux @ f/1.2, AGC on, 0.014 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 to 12 mm @ f/1.4, motorized VF, autofocus; angle of view: 98.4° to 30.2°	8 to 32 mm @ f/1.4, motorized VF, autofocus; angle of view: 27.8° to 9.1°
Lens Mount	Φ14	
Auto Iris	DC drive	
Day/Night	ICR (Auto/Schedule/Alarm Trigger)	
Digital Noise Reduction	3D DNR	
Wide Dynamic Range	120 dB WDR	
Compression Standard		
Video Compression	H.264+/H.264/MPEG4/MJPEG	
H.264 Codec Profile	Baseline profile/main profile/high profile	
Video Bit Rate	32 Kbps to 16 Mbps	
Image		
Maximum Resolution	1280 x 960	
Frame Rate	60 Hz: 30 fps (1280 x 960), 30 fps (1280 x 720)	
Third Stream	Independent setting, up to: 60 Hz: 30 fps (1280 x 960)	
Image Settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or Web browser	
BLC	Yes, zone configurable	
Defog	Yes	
EIS	Yes	
Picture Overlay	128 x 128, BMP 24-bit, zone configurable	
ROI	Yes, up to 4 configurable areas for each of 3 streams	
Network		
Network Storage	NAS	
Alarm Trigger	Intrusion detection, defocus detection, motion detection, face 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	
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	
Reset Button	Yes	
General		
Operating Conditions	-40° F to 140° F (-40° C to 60° C) with smart heater on, humidity 95% or less (non-condensing)	
Power Supply	12 VDC ±10%, PoE (802.3af)	
Power Consumption	Maximum 12 W	
IR Range	Up to 100 ft (30 m)	Up to 265 ft (80 m)
Ingress Protection	IP66	
Dimensions	3.86" x 4.13" x 12.94" (98 mm x 105 mm x 328.8 mm)	
Weight	3.75 lbs (1700 g)	