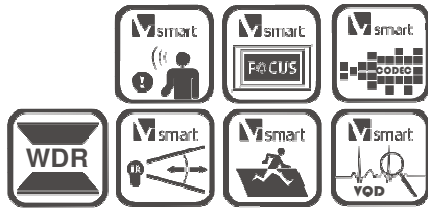


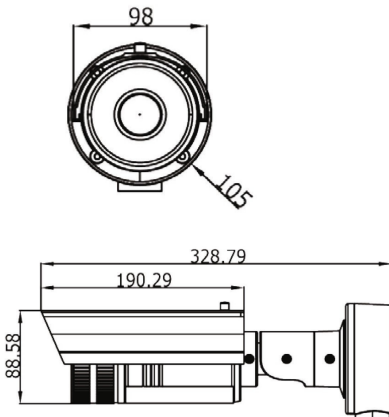
## DS-2CD4212FWD-IZH 1.3 MP WDR IR Bullet Network Camera



### 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
<b>Camera</b>		
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	
<b>Compression Standard</b>		
Video Compression	H.264/MPEG4/MJPEG	
H.264 Codec Profile	Baseline profile/main profile/high profile	
Video Bit Rate	32 Kbps to 16 Mbps	
<b>Image</b>		
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	
<b>Network</b>		
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	
<b>Interface</b>		
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	
<b>General</b>		
Operating Conditions	-40° C to 60° C (-40° F to 140° F) 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 30 meters (32.81 yards)	Up to 80 meters (87.49 yards)
Ingress Protection	IP66	
Dimensions	98 mm x 105 mm x 328.8 mm (3.86" x 4.13" x 12.94")	
Weight	1700 g (3.75 lbs)	