

## DS-2CD2042WD-I



### Key Features

- Up to 4 megapixel (2688×1520)@20fps resolution
- Standard video compression with high compression ratio, ROI (region of interest) encoding
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters IR range
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Support 120dB wide dynamic range
- Ingress Protection level: IP66
- Electronic shutter for different surveillance environments
- Other functions: alarm, reset button, mirror, etc
- 3-axis adjustment
- Support VCA, which is compatible with NVR for the second time of video searching and analysing

### Specification

Model	DS-2CD2042WD-I
Parameter	4 Megapixel CMOS ICR Infrared Network Bullet Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR
Shutter Speed	1/3 s to 1/10,000 s
Lens	4mm@ F2.0 (6mm optional)
	Angle of view: 82°(4mm) , 55°(6mm)

Lens Mount	M12
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120dB
<b>Compression Standard</b>	
Video Compression	H.264/ MJPEG
Video Bit Rate	256 Kbps – 16 Mbps
Dual Stream	Yes
<b>Image</b>	
Max. Resolution	2688×1520
Frame Rate	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720) 60Hz: 20fps (2688×1520), 30fps (1920×1080), 30fps(1280×720)
Image Settings	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
ROI	Support
<b>Network</b>	
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Intrusion Detection, Line Crossing detection, Motion 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	One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
<b>General</b>	
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5 W
Ingress Protection level	IP66
IR Range	20~30 meters
Dimensions	60.4×76.9×139.2 mm (2.4" × 3.0" × 5.5")
Weight	500g (1.1 lbs)

## Order Models

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## Dimensions

