

# DS-2CD2642FWD-I(Z)(S) 4MP WDR Vari-focal Bullet Network Camera



## Specification

<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux @(F1.2,AGC ON), 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Speed	1/3 s ~ 1/100,000 s
Slow Shutter	Support
Lens	2.8 - 12 mm @ F1.4, motorized lens (-Z), angle of view: 112°~33.8°
Lens Mount	Φ14
Day & Night	IR cut filter with auto switch
WDR	120dB
<b>Compression Standard</b>	
Video Compression	H.264/MJPEG/H.264+
H.264 Type	Main Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio (-S)	G.711/G.722.1/G.726/MP2L2 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
<b>Image</b>	
Max. Resolution	2688×1520
Max Frame Rate	50Hz: Main stream:20fps(2688×1520),25fps(1920×1080), 25fps(1280×720), Sub stream:25fps(352×288),25fps(640×360) 60Hz: Main stream:20fps(2688×1520),30fps(1920×1080),30fps(1280×720),Sub stream: 30fps(352×240),30fps(640×360)
Image Enhancement	BLC/3D DNR/ROI
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
<b>Network</b>	
Network Storage	NAS (Support NFS,SMB/CIFS); ANR, Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
Detection	Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis
Face Detection	Detects the face appears in the surveillance scene and triggers linkage methods such as alarm info and email info
Alarm Trigger	Tampering 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
General Function	One-key reset, Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, anonymous access
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
<b>General</b>	
Interface	1 RJ45 10M/100M Ethernet interface, 1Vp-p composite output (75 Ω/BNC)
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)
Power	12V DC±25%, PoE (802.3af Class3) , Max. 5.5 W (Max. 7.5 W with IR cut filter on)
Material	Front Cover & Body & Sun shield & Bracket: Metal
Ingress Protection	IP67
IR Range	20~30 meters
Dimensions	95×105×258.6 mm (3.74" × 4.13" × 10.18")
Weight	1200g (2.65 lbs)
<b>Order Model</b>	
DS-2CD2642FWD-I, DS-2CD2642FWD-IS, DS-2CD2642FWD-IZ, DS-2CD2642FWD-IZS	