

DS-2CD2842FWD



Key Features

- Up to 4 megapixel (2688x1520) 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
- Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- 120dB wide dynamic range
- 3D DNR
- Backlight compensation, electronic shutter for different surveillance environments
- Other functions: reset, heartbeat, mirror, IP address filtering, etc
- Support intrusion detection and line crossing detection
- Support VCA, which is compatible with NVR for the second time of video searching and analysing

Specification

Model	DS-2CD2842FWD	
Parameter	4 Megapixel CMOS Network Box Camera	
Camera		
Image Sensor	1/3" Progressive Scan CMOS	
Min. Illumination	Color: 0.01 Lux @(F1.2,AGC ON)	
	B/W: 0.001Lux @ (F1.2, AGC ON)	
Shutter Speed	1/3 s to 1/100,000 s	
Lens Mount	C/CS	



Day & Night 1R cut filter with auto switch Digital Noise 3D DNR Reduction Wide Dynamic Range 120dB Compression Standard Video Compression H.264/MJPEG/H.264+ Video Bit Rate 32 Kbps – 16 Mbps Dual Stream Yes Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 32 Kbps – 16 Mbps Dual Stream Yes Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 32 Kbps – 16 Mbps Dual Stream Yes Audio Bit Rate 32 Kbps – 16 Mbps Audio Davis Rate 32 Kbps – 16 Mbps Audio Dutput 1-ch 3.5 mm audio interface Audio Dutput 1-ch 3.5 m	VIDIOIN		
Reduction 3D DNR	Day & Night	IR cut filter with auto switch	
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Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Max. Resolution 2688x1520 50Hz:Main stream:20fps(2688x1520),25fps(1920×1080), 25fps(1280×720), Sub stream:25fps(352×288),25fps(640×360) 60Hz: Main stream:20fps(2688x1520),30fps(1920×1080), 30fps(1280×720), Sub stream:30fps(352×240),30fps(640×360) Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser Backlight compensation ROI Support Network Network Storage NAS (Support NFS,SMB/CIFS) Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect , IP address conflict, Storage exception TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPOE,NTP,UPNP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access Standard ONVIF, PSIA, CGI, ISAPI Interface Communication Interface Alarm Input 1 Alarm Output 1 Alarm Output 1 Audio Input 1-ch 3.5 mm audio interface, Mic in/Line in Audio Output 1-ch 3.5 mm audio interface	Video Bit Rate	32 Kbps – 16 Mbps	
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Alarm Trigger analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPOE,NTP,UPNP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access Standard ONVIF, PSIA, CGI, ISAPI Interface Communication Interface Alarm Input 1 Alarm Output 1 Audio Input 1-ch 3.5 mm audio interface, Mic in/Line in Audio Output 1-ch 3.5 mm audio interface		1 11	
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Standard ONVIF, PSIA, CGI, ISAPI Interface Communication Interface 1 RJ45 10M/100M Ethernet interface, 1RS485 interface Alarm Input 1 Alarm Output 1 Audio Input 1-ch 3.5 mm audio interface, Mic in/Line in Audio Output 1-ch 3.5 mm audio interface	General	password protection, privacy mask, watermark, IP address filtering,	
Interface Communication Interface		Anonymous access	
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Communication Interface Alarm Input Alarm Output Audio Input 1 1-ch 3.5 mm audio interface, Mic in/Line in Audio Output 1 1-ch 3.5 mm audio interface	Interface		
Alarm Input Alarm Output Audio Input 1 -ch 3.5 mm audio interface, Mic in/Line in Audio Output 1-ch 3.5 mm audio interface	Communication		
Alarm Output 1 Audio Input 1-ch 3.5 mm audio interface, Mic in/Line in Audio Output 1-ch 3.5 mm audio interface	Interface	1 RJ45 10M/100M Ethernet interface, 1RS485 interface	
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Audio Input 1-ch 3.5 mm audio interface, Mic in/Line in Audio Output 1-ch 3.5 mm audio interface	•	1	
Audio Output 1-ch 3.5 mm audio interface	•	1-ch 3.5 mm audio interface, Mic in/Line in	
Video Output 1Vp-p Composite Output(75Ω/BNC)	Audio Output	1-ch 3.5 mm audio interface	
i i er berete erter i el	Video Output	1Vp-p Composite Output(75Ω/BNC)	

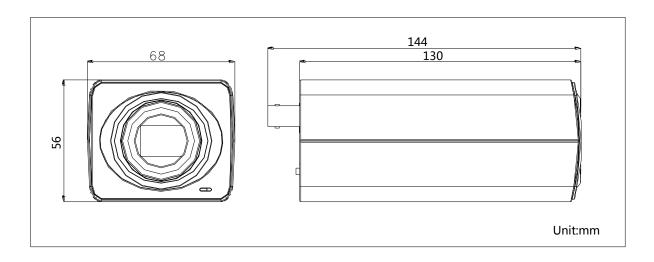


General		
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F)	
	Humidity 95% or less (non-condensing)	
Power Supply	12 V DC ± 10% , PoE (802.3af)	
Power Consumption	Max. 5.6W	
Dimensions	68×56×144 mm (2.58" × 2.13" × 5.47")	
Weight	700g (1.54 lbs)	

Order Models

DS-2CD2842FWD

Dimensions



Accessories



TV0550D-MPIR Auto Iris Manual Focusing 3MP IR Lens



DS-1322HZ-C/H/CW/HW Outdoor Housing



TV2810D-MPIR Auto Iris Manual Focusing 3MP IR Lens



DS-1320HZ Indoor Housing





DS-1213ZJ Wall Mounting
Outdoor



DS-1212ZJ Wall Mounting Indoor