

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

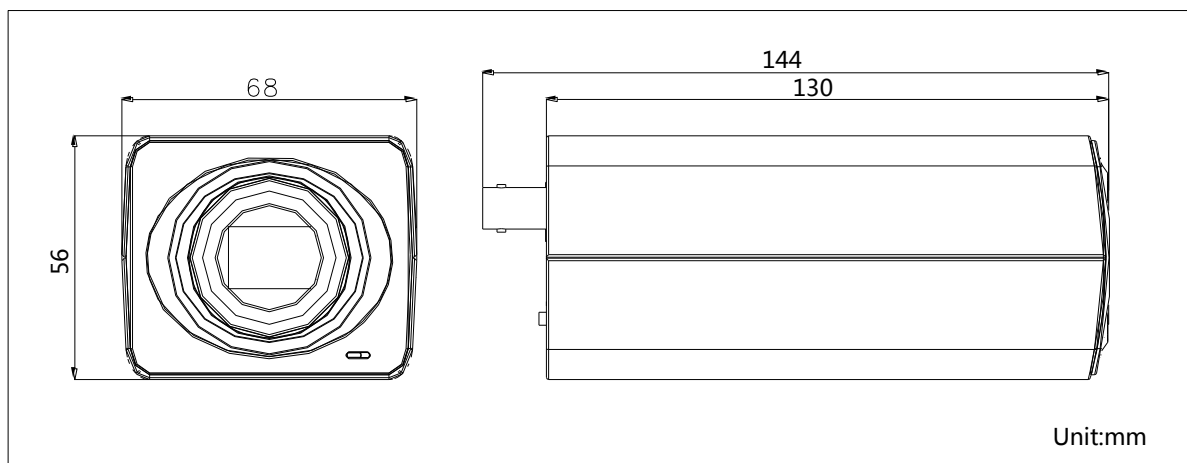
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120dB
Compression Standard	
Video Compression	H.264/MJPEG/H.264+
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	2688x1520
Max. Frame Rate	50Hz: Main stream: 20fps(2688x1520), 25fps(1920x1080), 25fps(1280x720), Sub stream: 25fps(352x288), 25fps(640x360) 60Hz: Main stream: 20fps(2688x1520), 30fps(1920x1080), 30fps(1280x720), Sub stream: 30fps(352x240), 30fps(640x360)
Image Settings	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
ROI	Support
Network	
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
General	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	1 RJ45 10M/100M Ethernet interface, 1 RS485 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
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 \pm 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



TV2810D-MPIR Auto Iris
Manual Focusing 3MP IR Lens



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



DS-1320HZ Indoor Housing



DS-1213ZJ Wall Mounting
Outdoor



DS-1212ZJ Wall Mounting
Indoor