

## DS-2CD6424FWD-10'20'30 2MP Separated Network Camera



### Key Features:

- 1/2.7" Progressive Scan CMOS
- Up to 1920×1080@30fps for real-time output
- True WDR, up to 120dB
- PoE power supply is supportable
- Built-in Micro SD / SDHC / SDXC card slot, up to 128GB
- Support HLC, Defog
- Optional appearance of the front-end(the mini bullet and block) and brackets

DS-2CD6424FWD-XX is covert camera for ATM surveillance, key features including:

Single or dual lens camera body is optional, cylindrical, L-shaped and tube shape of lens are optional;

2m or 8m (between lens and camera body) cable is optional for flexible installation

DS-2CD6424FWD-XX 1080p HD resolution for real-time output;

Rotate mode, BLC, True WDR are for different environment.



## Specification

<b>Camera</b>	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.01Lux @(F1.2,AGC ON) ,0 Lux with IR; 0.028 Lux @(F2.0,AGC ON), 0 Lux with IR
Shutter Speed	1s ~ 1/100,000s
Slow Shutter	Support
Lens	-L10/L20/10/20: 3.7mm @F2.5, angle of view: 65° -L30/30: 2.8mm@ F2.0, angle of view: 115°/4mm @F2.5, angle of view: 91°/6 mm @F2.0, angle of view: 60°
Lens Mount	M12
WDR	120dB
DNR	3D Digital Noise Reduction
Length of Lens Cable	Optional 2m or 8m
<b>Compression Standard</b>	
Video Compression	H.264 /MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-160Kbps(MP2L2)
<b>Image</b>	
Max. Resolution	1920 × 1080
Frame Rate	50Hz: 25fps (1920×1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920×1080, 1280 × 960, 1280 × 720)
Third stream	Independent with main stream, up to 50Hz: 10fps (1280 × 960); 60Hz: 10fps (1280 × 960)
Image Setting	Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable
BLC	Yes, zone optional
Defog	Support
Highlight Compensation	Support
Day / Night mode	Auto / Timing / Alarm trigger
Image Overlay	Support 128 × 128 size BMP with 24-bit depth image overlay, zone optional
ROI	Up to 4 fixed areas in each stream
<b>Network</b>	
Network Storage	Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)
Alarm Trigger	motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Standard	ONVIF(PROFILE S, PEOFILE G), PSIA, CGI, ISAPI
General	Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering
<b>Interface</b>	
Communication	1 RJ45 10M/100M Ethernet interface
Audio Interface	1 3.5mm audio in(Mic in/Line in)/out interface
Alarm Input	1
Alarm Output	1

## General

Working temperature and humidity	-30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 10% / PoE (802.3af)
Power Consumption	Max. 6.5 W
Dimensions	78×105×32 mm (3.07" × 4.13" × 1.26")
Shipping Weight	2m cable: <570g 8m cable: <680g
Net Weight	Main body: 210g Cylindrical lens: 113g(2m), 233g(8m) L-shaped lens: 99g(2m), 220g(8m) Tube lens: 129g(2m), 242g(8m) Package + accessories: 224g

### Order Models: (Different accessories included for each sensor unit)

- DS-2CD6424FWD-10: camera body with one cylindrical lens
- DS-2CD6424FWD-20: camera body with one L-shaped lens
- DS-2CD6424FWD-30: camera body with one Tube lens
- DS-2CD6424FWD-L10: one cylindrical lens with connecting cable
- DS-2CD6424FWD-L20: one L-shaped lens with connecting cable
- DS-2CD6424FWD-L30: one Tube lens with connecting cable



## Dimensions

