

# DS-2CD6412FWD

## 1.3MP WDR Pinhole Covert Network Camera



### Key features

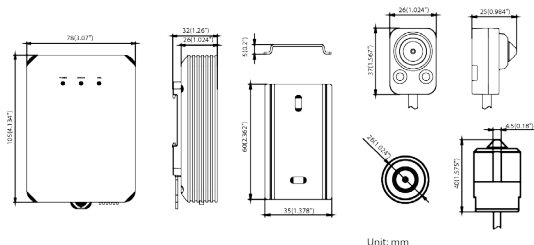
- 1280 x 960 high resolution
- 120dB WDR
- ROI codec
- On-board storage, up to 64GB
- Triple video streams
- Rotate mode
- Audio/Alarm IO

### Order models

DS-2CD6412FWD-10      DS-2CD6412FWD-20  
(Cylindrical sensor unit)      (L-shaped sensor unit)

\* Different brackets included for each sensor unit.

### Dimensions



DS-2CD6412FWD	
<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON) 0.04 Lux @ (F2.3, AGC ON)
Shutter Speed	1/3s ~ 1/100,000s
Slow Shutter	Support
Lens	3.7mm @F2.3, angle of view: 63 °
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 / MPEG4 / MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
<b>Image</b>	
Max. Resolution	1280 x 960
Frame Rate	50Hz: 25fps(1280 x 960), 25fps (1280 x 720) 60Hz: 30fps (1280 x 960), 30fps (1280 x 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 x 960) 60Hz: 30fps (1280 x 960)
BLC	Support, zone optional
HLC	Support
Image Setting	Rotate mode, Saturation, Brightness, Contrast, Sharpness, Grayscale adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Max. 4 ROI areas
Picture Overlay	128 x 128, BMP 24bit, zone configurable
<b>Network</b>	
Network Storage	NAS
Alarm Trigger	Motion detection, audio detection, face detection, dynamic analytic, tampering alarm, network disconnect, IP address conflict, storage exception, storage error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP optional)
Security	Reset, flickerless, 3 streams, heartbeat, mirror, user authentication, video masking, watermark, anonymous log on, IP address filtering
Standard	ONVIF, PSIA, CGI
<b>Interface</b>	
Audio	3.5mm Audio In (Mic in/Line in) / Line out
Communication Interface	1 RJ45 10M/100M Ethernet port/1 RS232
Alarm I/O	1/1
Video Output	1 RJ12 interface
On-board storage	Built-in Micro SD/SDXC slot, up to 64 GB
<b>General</b>	
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	DC 12V ± 10%, PoE (802.3af)
Power Consumption	Max. 6.5 W
Dimensions	78 x 105 x 32 mm
Weight	450g