

# DS-2CD6412FWD

# HIKVISION



## 1.3 Mega-pixel Covert Camera

### Highlights

- 1280 x 960 high resolution
- 120dB WDR
- RoI, SVC video compression
- Micro SD/SDXC, up to 64GB
- 3 video streams
- Hallway mode
- Motion detection
- Alarm I/O

Specification		DS-2CD6412FWD	
<b>Camera</b>		<b>Image</b>	
Sensor	1/3" progressive scan CMOS	Max. resolution	1280 x 960
Low illumination	Color: 0.01lux/F1.2, AGC on B/W: 0.001lux/F1.2, AGC on	Frame rate	50Hz: 25fps (1280x960), 25fps (1280x720) 60Hz: 30fps (1280x960), 30fps (1280x720)
Shutter time	1/3s ~ 1/100,000s	3rd stream frame rate	50Hz: 25fps (1280x960) 60Hz: 30fps (1280x960)
Slow shutter	Yes	Image settings	Hallway mode, saturation, brightness, contrast, sharpness, grayscale adjustable through client software or web browser
Lens	3.7mm @ F2.3, angle of view: 57 °	BLC	Yes, zone configurable
Lens mount	M12	Eclipse	Yes
Noise reduction	3D DNR	Day/night mode	Auto, pre-defined time or alarm triggering
WDR	120dB	Picture overlay	128 x 128, BMP 24bit, zone configurable
<b>Compression Standard</b>		ROI codec	Max. 4 ROI areas
Video compression	H.264 / MPEG4 / MJPEG	<b>Interface</b>	
H.264 codec profile	Baseline profile / main profile / high profile	Audio	3.5mm Audio In (Mic in/Line in) / Line out
Video bit rate	32Kbps ~ 16Mbps	Communication	1 RJ45 10M / 100M ethernet port
Audio compression	G.711 / G.726	Alarm IN	2
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)	Alarm Out	1
<b>Network</b>		Video output	1 x RJ12 interface
Storage	Micro SD/SDXC card slot (up to 64GB) NAS (iSCSI optional)	<b>General</b>	
Alarm trigger	Motion detection, face detection, dynamic analytic, tampering alarm, network disconnect, IP address conflict, storage exception, storage error	Operating conditions	-30 °C ~ 60 °C (-22 °F ~ 140 °F), humidity 95% or less (non-condensing)
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, SRTP optional)	Cable length	2 meters *8 meters cable optional)
Interoperability	ONVIF, PSIA, CGI	Power supply	DC12V ± 10%, PoE (802.3af)
Security	Reset, flickerless, 3 streams, heartbeat, mirror, user authentication, video masking, watermark, anonymous log on, IP address filtering	Power consumption	Max. 5.5W
		Dimensions	n/a
		Weight	n/a

### Available Models



DS-2CD6412FWD-10  
(Cylindrical sensor unit)



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

\* Different brackets included for each sensor unit.

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