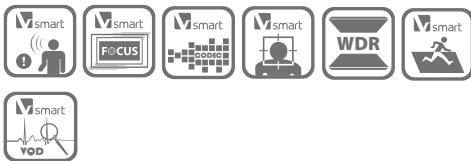


DS-2CD4024FWD-(A)

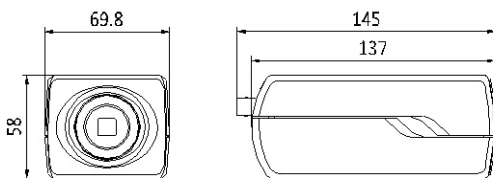
2 Megapixel CMOS ICR Network Box Camera



Key features

- Up to 1920 x 1080 high resolution
- Full HD1080p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- On-board storage, up to 64GB
- Smart Focus: ABF (-A)
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Two way audio, built-in Mic
- Defog
- People Counting

Dimensions



Available models

DS-2CD4024FWD,
DS-2CD4024FWD-A,

DS-2CD4024FWD-(A)	
Camera	
Image sensor	1/2.8" progressive scan CMOS
Min. illumination	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens mount	C/CS mount
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB
Smart Focus	Auto Back Focus *only for -A model
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	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) / 32-128Kbps(MP2L2)
Image	
Max. resolution	1920 x 1080
Frame rate	50Hz: 50fps (1920 x 1080), 50fps (1280 x 960), 50fps (1280 x 720) 60Hz: 60fps (1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps(1920 x 1080) , 60Hz: 30fps(1920 x 1080)
Image settings	Rotate Mode, Saturation, Brightness, Contrast adjustable by client software or web browser
BLC	Support
Defog	Support
EIS	Support
ROI	Support 4 different areas configuration in all the three streams with adjustable 6 levels. Automatically dynamic tracking with face detection can be configured.
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network storage	NAS (Support NFS,SMB/CIFS)
Alarm trigger	Intrusion detection, Defocus detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception, Line crossing
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	User Authentication, Watermark, IP address filtering, Anonymous access
System compatibility	ONVIF, PSIA, CGI
Interface	
Audio input	1-ch 3.5 mm audio interface, Mic in/Line in. 1 build-in Microphone
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Built-in micro SD/SDHC/SDXC card slot, up to 64GB
Reset	Yes
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	24VAC± 10%, 12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6W (max. 9W with ICR on)
Dimensions	69.8 x 58 x 145 mm (2.68" x 2.56" x 5.70")
Weight	830g (1.83 lbs)