

DS-2CD4024FWD-(A)

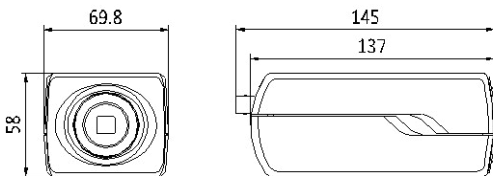
2 Megapixel CMOS ICR Network Box Camera



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) |