

iDS-2CD6024FWD-A/B



Key Features

- Up to 2 megapixel (1920×1080) @ 30 fps resolution
- H.264 High Profile, full HD with 1080p@30fps
- Standard video compression with high compression ratio.
- Progressive scan CMOS
- ROI function(Region of Interest)
- Built-in Micro SD / SDXC card slot, up to 64GB
- Support 3D DNR
- Wide dynamic range , up to 120dB
- Support intelligent analysis, includes intrusion detection, traverse plane detection, face detection, audio detection, defocus detection, scene change detection
- ABF(Auto Back Focus)
- IR cut filter with auto switch
- Built-in microphone, two-way audio
- Support DC/AC/PoE power modes
- Up to 20 channels live view at the same time
- Auto-iris, electronic shutter, BLC for different surveillance environments
- Support local analog video output for adjustment and installation
- LOGO picture can be overlaid on video
- Other functions: IP address filtering, anonymous access, PTZ control, alarm, reset button, mirror, etc.

● Application Scenarios

It is suitable for alarm trigger requiring when person appears during unworking time, such as storeroom, accounting office, financial places like bank, exhibition, national cultural relics, governmental departments, military, national scientific research department, gas station, oil depots, gas depots, oil fields, power station, etc.

● Unsuitable Scenarios

1. Mostly are leaves in the screen
2. Light frequently change
3. Insufficient light
4. Target is too small

Specification

Model Parameter	iDS-2CD6024FWD-A/B
	2 Megapixel WDR CMOS ICR Intelligent Network Box Camera
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 Speed	1 s to 1/100,000 s
Slow Shutter	Support
Lens Mount	C/CS mount
Auto-iris	DC drive -P: P-Iris
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120dB
ABF	-A: Support auto back focusing
Compression Standard	
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.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	

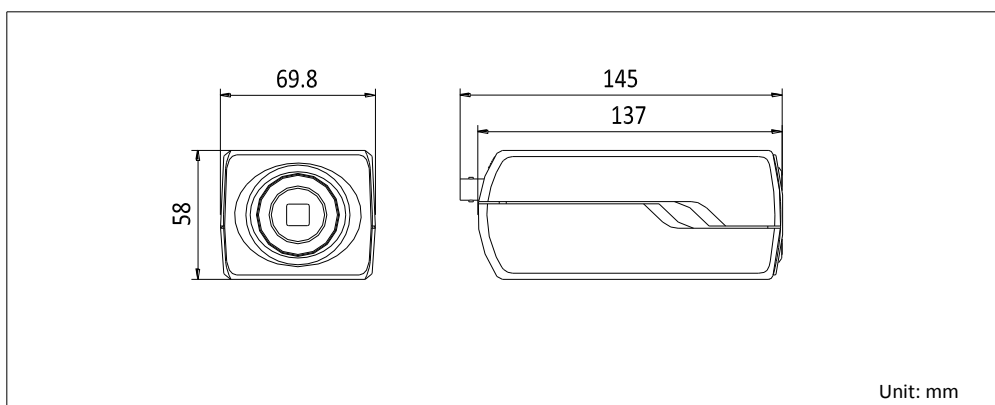
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps(1920 × 1080,1280 × 960,1280 × 720) 60Hz: 30fps(1920 × 1080,1280 × 960,1280 × 720)
BLC	Support, zone optional
HLC	Support
Image Setting	Saturation, Brightness, Contrast and sharpness are adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	Micro SD/SDHC/SDXC card (64G), NAS(NFS, SMB/CIFS), edge recording
Protocols	TCP/IP,ARP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour
Standard	ONVIF, PSIA, CGI, ISAPI
General Function	One-key recovery, flash-prevention, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering, Anonymous access
Intelligent	
Intelligent Analysis	Line crossing, Region entrance, Region exiting, Intrusion, Object removal, unattended baggage
Alarm Trigger	Face detection, Defocus Detection , Scene Change, Audio Abnormal ,Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Interface	
Audio Input	1-ch 3.5 mm audio interface, Mic in/Line in. 1 built-in Microphone
Audio Output	1-ch 3.5 mm audio interface
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface and 1 RS-232 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/FNC)
On-board storage	Built-in Micro SD/SDXC slot, up to 64 GB
Reset Button	Yes
General	
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%, PoE (802.3af)
Power	Max. 6 W (Max. 9W with IR cut filter on)

Consumption	
Dimensions	69.8×58×145 mm (2.68" × 2.56" × 5.70")
Weight	830 g (1.83 lbs)

Order Models

iDS-2CD6024FWD/B, iDS-2CD6024FWD-A/B

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Outdoor Wall Mount Bracket
DS-1213ZJ



Outdoor camera housing
DS-1322HZ-C/H/CW/HW



Indoor Camera Housing
DS-1320HZ

Lens



HV1140D-8MPIR
8MP vari-focal & auto-iris lens



HV3816D-8MPIR
8MP vari-focal & auto-iris lens