HIKVISION

smart IPC
smart changes IP

DS-2CD4624FWD-IZ(H)(S)

Key Features

- Up to 2 megapixel (1920 × 1080)
- H.264 High Profile, full HD with 1080p@60fps
- Progressive scan CMOS
- Some specialized encoding functions are supported such as ROI (Region of Interest)
- Digital wide dynamic range
- Micro SD / SDHC / SDXC card slot, up to 64GB
- Support automatic focusing and motorized zoom lens
- Support intelligent and auxiliary heating (-H)
- IR cut filter with auto switch
- Support three streams, and two HD streams can be set as different HD resolution, frame rate and bitrate
- Support up to 20 channels live view at the same time; support mobile phone surveillance
- Support defog and multiple white balance mode to fit various surveillance environment
- Support BLC, automatic electronic shutter, auto iris, slow shutter to fit different surveillance environment
- Support intrusion detection, scene change detection, line crossing detection, audio exception detection, motion detection, dynamic analysis as alarm triggering function, etc.
- Other functions: Image overlay, IP address filtering, anonymous access, heartbeat, mirror, alarm, reset button, etc.
- Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10
- IP66 protection level

Specification

Model / Parameter	DS-2CD4624FWD-IZ(H)(S)
	2 Megapixel 1/2.8" CMOS ICR Network Camera
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR

Shutter Speed	1 s to 1/100,000 s
Lens	2.8-12mm @ F1.4, 113°~33.8° 8-32mm @ F1.4, 31.2°~10.2°
Lens Mount	AF automatic focusing and motorized zoom lens
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120dB
Compression Standard	
Video Compression	H.264 / MJPEG / MPEG 4
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: 50fps(1920 × 1080) 50fps (1280 × 960), 50fps (1280 × 720) 60Hz: 60fps(1920 × 1080) 60fps (1280 × 960), 60fps (1280 × 720)
BLC	Support, zone optional
Defog	Support
EIS	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	24bit BMP format overlay, zone optional
Network	
Network Storage	Micro SD/SDHC/SDXC card with ANR (up to 64G), NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing Detection, Intrusion detection, scene change detection, audio exception detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
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	One-key recovery, flash-prevention, three streams, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI

Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Protection Level	IP66
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK10
Operating Conditions	-30 °C – 60 °C Humidity 95% or less (non-condensing) -H: -40 °C – 60 °C
Power Supply	24 V AC ± 10%, PoE (802.3at)
IR Distance	100-150m
Power Consumption	24W MAX
Dimensions	158×338×560mm
Weight	6200g

* "-S" series support 1-ch audio in/out interface, 1-ch alarm in/out interface and 1-ch RS-485 interface

Order Models

DS-2CD4624FWD-IZ, DS-2CD4624FWD-IZS, DS-2CD4624FWD-IZH, DS-2CD4624FWD-IZHS

Dimensions