HIKVISION

Network Camera

Technical Manual

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DS-2CD8464F-E(I)

Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Support PIR(Passive Infrared Detection)
- Up to 32 GB Micro SD card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- Built-in microphone and speaker
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support wireless alarming system
- Support ACS-dedicated remote controlling (ACS: Access Control System)
- USB interface supports Wi-Fi Data stick
- One-piece suit with mount for easy installation
- Streamlined design, high reliability
- Other functions: heartbeat, alarm, reset button, mirror, etc.

Specification

Model Parameter	DS-2CD8464F-E(I)
	1.3 Megapixel CMOS Alarm Pro Cube Camera
Camera	

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON),0 Lux with IR 0.028Lux @ (F2.0, AGC ON),0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	M12
Lens	4 mm @ F2.0
	Angle of view: 68°
Day &Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 x 720), 25fps (640 x 480) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 x 720),30fps (640 x 480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
USB Interface	1 USB interface(supporting Wi-Fi data stick)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft

Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mpbs (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor：200m，Indoor：50m（depend on environment）
General	
Operating Conditions	-25 °C - 60 °C (-13 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	5V DC ± 10% PoE (802.3af)
Power Consumption	3W Max -I: Max. 4 W (Max. 4.5 W with IR cut filter on)
IR Range	-I: 15 meters
PIR	Angle of detection: 80°
	10 meters
Dimensions	90 × 114 × 119.8 mm (3.6" × 4.5" × 4.8")
Weight	500 g (1.1 lbs)

Order Models

DS-2CD8464F-E, DS-2CD8464F-EI

Dimensions

Unit: mm