KIT8264FC

4MP 24x7 Full-color NETWORK SECURITY SYSTEM

4K Network Video Recorder

· 2 TB Pre-installed Hard Disk Drive.

· Smart H.265+/H.265/Smart H.264+/H.264 Decoding Format.

· Up to 12 MP Resolution for Preview and Playback.

· Maximum 80 Mbps Recording Bandwith.

· Support Remote Review/Playback and Management of Network Cameras.

4MP Network Camera

· Outputs max. 4 MP (2560 × 1440)@25/30 fps.

· 2.8 mm fixed lens.

· Built-in warm light, and the max. illumination distance is 30 m.

· Motion Detection.

· IP67 Ingress Protection.

Series Overview

Upgrade your surveillance with the KIT8264FC, a cost-effective 4MP IP surveillance kit featuring 6 high-quality 4MP full-color IP cameras that provide vivid, 24x7 full-color video. With an 8-port 4K POE NVR, plug and play installation, and remote preview/playback function, monitoring your property has never been easier. The KIT8264FC delivers exceptional value for those seeking advanced 24x7 full-color surveillance capabilities at an affordable price. Whether you're securing your home or business, the KIT8264FC provides the peace of mind you need to know that your property is always under watch.

Functions

Smart H.265+ & Smart H.264+

With advanced scene-adaptive rate control algorithm, smart encoding technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

Full-color

With high-performance sensor and f1.0 large aperture lens, cameras can display clear colorful image in the environment of ultralow illuminance. With this photosensitivity design, the camera can capture more available light, and display more colorful image details.

Motion Detection

When moving objects appear in the monitoring image, alarm or records will be triggered.

Cyber Security

Cameras in this kit employ a series of security technologies, including security authentication and authorization, access control protocols, trusted protection, encrypted transmission and encrypted storage. These technologies improve the camera's defense against external cyber threats and prevent malicious programs from compromising the device.

Protection (IP67, Wide Voltage)

IP67: The camera passes a series of strict tests on dust and soak. It has dust-proof function, and the enclosure can work normally after soaking in 1 m deep water for 30 minutes. Wide voltage: The camera allows ±30% (for some power supplies) input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

Remote Review/Playback

You can remotely access the network video recorder, view live video, receive event push notifications, and search for recorded videos from a mobile device at anytime from virtually anywhere.

Technical Specification

Network Video Recorder

Main Processor	Industrial-grade embedded processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI

AI

AI by Camera	Perimeter protection; SMD Plus

Perimeter Protection

Perimeter Performance of AI by Camera (Number of Channels)	4

SMD Plus

SMD Plus by Camera	4-channel SMD Plus (AI by camera), secondary filtering for human and motor vehicle SMD Plus, reducing false alarms caused by leaves, rain and lighting condition change

Audio and Video

Access Channel	8 channels
Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps
Resolution	12MP; 8MP; 5MP; 4MP; 3MP; 2MP; 720p; D1
Decoding Capability	1-channel 12MP@30 fps; 1-channel 8MP@30 fps; 2-channel 5MP@30 fps; 3-channel 4MP@30 fps
Video Output	1 × VGA, 1 × HDMI (simultaneous)
Multi-screen Display	1, 4, 8, 9 views
Third-party Camera Access	Onvif

Compression Standard

Video Compression	Smart H.265; H.265; Smart H.264; H.264
Audio Compression	PCM; G711A; G711U; G726

Network

Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; DDNS; Alarm Server; IP Search (Supports Dahua IP camera, DVR, NVS, etc.); P2P
Mobile Phone Access	Android; iOS
Interoperability	ONVIF (profile T/S/G); CGI; SDK
Browser	Chrome; IE 9 or later; Firefox

Recording Playback

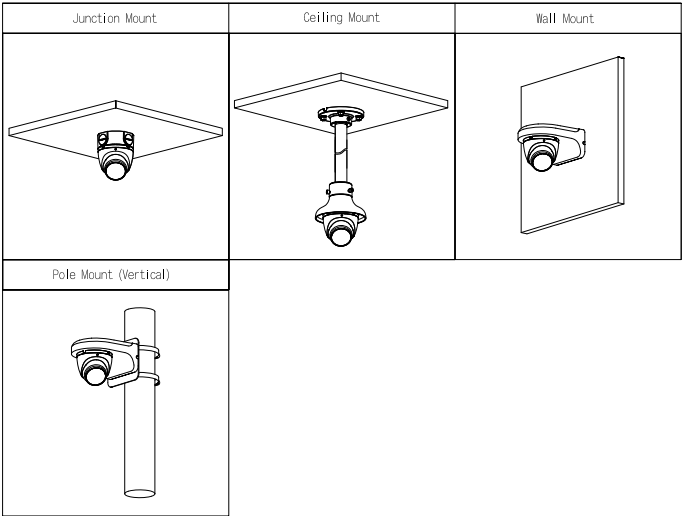|	
Multi-channel Playback	Up to 8 channels
Record Mode	Manual record; alarm record; motion detection record; schedule record
Storage Method	Local HDD and network
Backup Method	USB device
Playback Function	1. Play; pause; stop; fast forward; fast backward; rewind; play by frame 2. Full screen; backup (video clip/file); partially zom in; audio on/off

Alarm

General Alarm	Motion detection; privacy masking; video loss; PIR alarm
Anomaly Alarm	Camera offline; storage error; disk full; IP conflict; MAC conflict; login lock; cyber security exception
Intelligent Alarm	Perimeter protection; SMD Plus
Alarm Linkage	Recording; snapshot; buzzer; log; preset; email; tour

Port

Audio Input	1
Audio Output	1
HDD Interface	1 SATA port, up to 16 TB. The maximum HDD capacity varies with environment temperature
USB	1 front USB 2.0 port, 1 rear USB 2.0 port
HDMI	1, 1080P
VGA	1, 1080P
Network Port	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port
PoE Port	8 × PoE ports, 10/100 Mbps

General

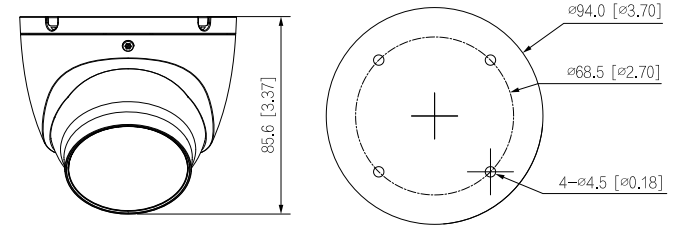|	
Power Supply	48/53 VDC, 2/1.8 A
Power Consumption	Total output of NVR is ≤ 10 W (without HDD) Total output power of PoE is 72 W, the maximum output power of asingle port is 25.5 W
Net Weight	0.89 kg (1.95 lb)
Gross Weight	1.94 kg (4.28 lb)
Product Dimensions	260 mm × 232.7 mm × 47.6 mm (10.24" × 9.16" × 1.87") (W × L × H)
Packaging Dimensions	117 mm × 373 mm × 307 mm (4.61" × 14.69" × 12.09") (W × L × H)
Operating Temperature	−10 °C to +55 °C (14 °F to +131 °F)
Operating Humidity	10%–93% (RH)
Installation	Rack or desktop
Certifications	CE: EN62368-1; EN55032; EN55024; EN55035; EN61000-3-2; EN61000-3-3; EN50130-4 FCC: Part 15 Subpart B

Ordering Information

Type	Part Number	Description
4MP 24×7 Full-color Network Security System	KIT8264FC	· 6 × 4MP Fixed Turret Full-color Network Cameras · 1 × 8-channel 12 MP Network Video Recorder with 2 TB HDD
Accessories (Optional)	PFA13A-E	Junction Box
	PFB205W-E	Wall Mount Bracket
	PFA152-E	Pole Mount Bracket
	PFA106	Mount Adapter
	PFB220C	Junction Box
	PFM321D	12 VDC 1 A Power Adapter
	PFM900-E	Integrated Mount Tester

Junction Mount | Ceiling Mount | Wall Mount

Pole Mount (Vertical)

Accessories

Optional:

PFA13A-E Junction Box

PFB205W-E Wall Mount Bracket

PFA152-E Pole Mount Bracket

PFA106 Mount Adapter

PFB220C Junction Box

PFM321D 12 VDC 1A Power Adapter

PFM900-E Integrated Mount Tester

Dimensions (mm[inch])

85.6 [3.37]

⌀94.0 [⌀3.70]
⌀68.5 [⌀2.70]
4−⌀4.5 [⌀0.18]
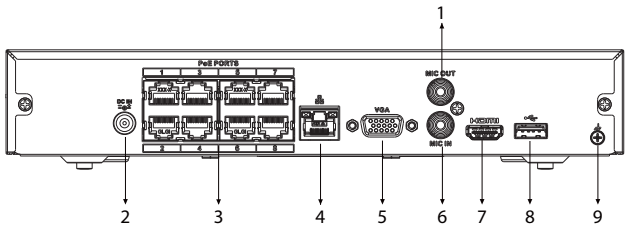
Panels

1	AUDIO OUT, RCA Connector	2	Power Input
3	PoE Ports	4	Network Port
5	VGA Port	6	AUDIO IN, RCA Connector
7	HDMI Port	8	USB Port
9	Ground		