3MP Outdoor PoE Security KIT

4 Cameras+2TB 8CH Network Video Recorder
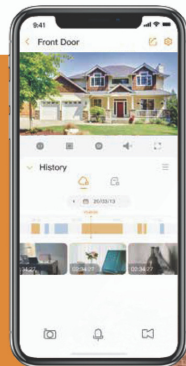
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3MP

8CH KIT

Expandable up to 8TB

- 30m Night Vision
- IP67 Weatherproof
- Motion Detection

INCLUDES

1x 8CH NVR
with pre-installed 2TB HDD

4x 3MP
Outdoor Cameras

1x
Mouse

1x
NVR Power Adapter

4x
Positioning Map

Quick Start Guide

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IPC-T33
3MP Outdoor PoE Network Camera

- 3MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- Outputs max. 3MP (2304 × 1296) @20 fps, 2MP (1920 × 1080) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30 m
- ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, DWDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict, illegal access
- 12V DC/PoE power support
- IP67 protection

3Mp	H.265+	Motion Detection		IP67

System Overview

With features of simple installation, easy operation, and high performance-cost ratio, Dahua Entry Series camera is applicable to small and medium-sized scenes, such as homes/residences, small-sized retail stores, and other small and medium-sized enterprises.

Functions

Smart (H.265+ & H.264+)

With advanced scene-adaptive rate control algorithm, Dahua 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.

Motion Detection

When moving objects appear in the monitoring image, Dahua Motion Detection technology triggers alarm or records.

Smart IR

Dahua Smart IR technology can display image in the environment of low illuminance or completely dark environment. According to the distance of the targets, the camera adjusts IR LEDs intensity automatically to display the details of the moving target.

Image Flip

For narrow and long scenes, Dahua image flip technology flips the image by 90°/270° to realize better surveillance in rotation mode.

Protection (IP67,wide voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

Wide voltage: The camera allows ±30% input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

Onvif

Technical Specification

Camera

Image Sensor	1/2.7" 3Megapixel progressive CMOS
Effective Pixels	2304 (H) × 1296 (V)
ROM	16 MB
RAM	64 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Min. Illumination	0.01 Lux @F2.0
IR Distance	30 m (98.4 ft)
IR On/Off Control	Auto/Manual
IR LEDs Number	1
Pan/Tilt/Rotation Range	Horizontal: 0°–355° Vertical: 0°–78° Rotation: 0°–360°

Lens

Lens Type	Fixed
Mount Type	M12
Focal Length	2.8 mm 3.6 mm
Max. Aperture	F2.0 F2.0
Field of View	2.8 mm: Horizontal: 105° Vertical: 57° Diagonal: 125° 3.6 mm: Horizontal: 87° Vertical: 47° Diagonal: 104°
Iris Type	Fixed aperture
Close Focus Distance	0.6 m (1.9 ft) 1.1 m (3.6 ft)

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	37.3 m (122.4 ft)	14.9 m (48.9 ft)	7.5 m (24.6 ft)	3.7 m (12.1 ft)
	3.6 mm	64 m (209.9 ft)	25 m (82.0 ft)	12.8 m (41.9 ft)	6.4 m (20.9 ft)

Video

Video Compression	H.265; H.264; H.264H; H.264B; MJPEG
Smart Codec	Yes
Video Frame Rate	Main Stream: 2304 × 1296 (1 fps–20 fps) 1920 × 1080 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)
Stream Capability	2 streams
Resolution	2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3m (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR

Video Bit Rate	H.264: 32 Kbps–6144 Kbps H.265: 12 Kbps–6912 Kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	DWDR
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Manual/Auto
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest(RoI)	Yes (4 areas)
Smart IR	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2304 × 1296 resolution.)
Mirror	Yes
Privacy Masking	4 areas

Network

Network	RJ-45 (10/100 Base-T)
Protocol	IPv4; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast
Interoperability	ONVIF (Profile S); CGI; P2P; Genetec
User/Host	6
Edge Storage	FTP; Dahua Cloud
Browser	IE Chrome Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Phone	IOS; Android

Certification

Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B

Power

Power Supply	12V DC/PoE (802.3af)
Power Consumption	<4.3 W

Environment

Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95%
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Ingress Protection	IP67

Structure

Casing	Metal + plastic
Dimensions	85.5 mm × Φ109 mm (3.4" × Φ4.3")
Net Weight	0.24 kg (0.5 lb)
Gross Weight	0.37 kg (0.8 lb)

Optional:

PFA136
Junction Box

PFA130-E
Junction Box
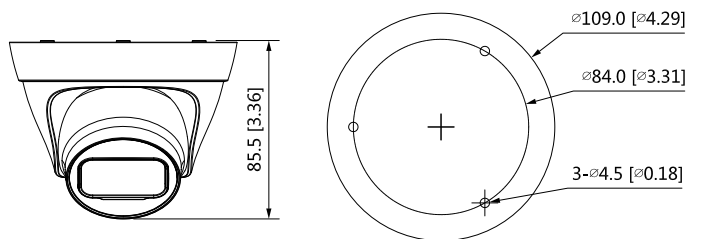
PFB203W
Wall Mount

PFA106
Mount Adapter

PFB220C
Celling Mount

PFA152-E
Pole Mount

Junction Mount	Junction Mount	Wall Mount	Pole Mount
PFA136	PFA130-E	PFB203W	PFB203W+PFA152-E

Ceiling Mount
PFA106+PFB220C

Dimensions (mm[inch])

85.5 [3.36]

∅109.0 [∅4.29]

∅84.0 [∅3.31]

3-∅4.5 [∅0.18]

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N18P

Power over Ethernet Recorder

8-Channel PoE NVR

The PoE Recorder is used to record videos and secure your home or business. Using Power over Ethernet technology，the recorder could provide the electricity and network for each camera via a Cat 5e/Cat 6 network cable.

1080P FHD Video
See more than 720P

PoE
Easy setup, real plug and go

Smart H.265+ Codec
Save more high-quality video in less space

Supper Decoding
4ch 1080P real-time decoding

Local View
Local HDMI / VGA 1080P FHD outpuut

Mass Storage
Support 1 HDD storage, up to 8TB

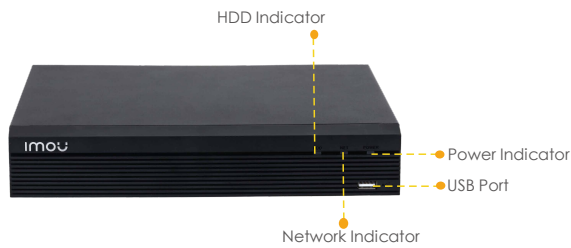**Two-way Talk**
Real-time communication
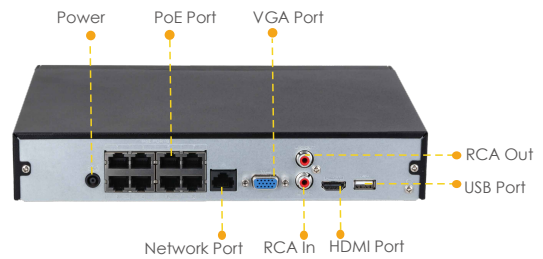
Imou Life App
Monitoring at any time from anywhere

Record every second

Using a hard disk drive, recoder could uninterrupted record for a long time, and now easily store for more than a month by using the smart H.265 codec. You can play back the details of every time.

Front View

Back View

Specifications

System

Operating System: Embedded Linux
Operation Display: WEB/GUI/Imou Life APP

Video

Video In: 8 Channels
Video Out: 1 HDMI/1 VGA

Network

ONVIF Profile T/S/G, CGI, SDK
Imou App: iOS, Android

Auxiliary Interface

2 x USB Ports
1 x SATA Port
8 x PoE Ports
1 x Network Port
1 x RCA In
1 x RCA Out
1 x HDMI Port
1 x VGA Port
1 x Power Port

Recoding & Decoding

Resolution: 1080P/720P
Max Decoding: 1ch@8MP/2ch@4MP/4ch@1080P/8ch@720P
Compression: Smart H.265+/H265/Smart H.264+/H.264
Audio Compression: G.711A/G.711U/PCM/G726/AAC

Function

Recoder Mode: Manual/Alarm/Motion detection/Schedule
Backup Mode: USB Device
Playback: 1/4
Storage: Up to 8TB HDD/Cloud Storage
Multi-screen Display: 1/4/8/9

General

Power Supply: DC48V 2.0A / DC53V 1.8A
Power Consumption: ≤10W(without HDD)
PoE Power Consumption: Each power ≤25.5W, Total≤72W
Operating Conditions: -10℃～+45℃(+14℉～+113℉)
                                    10%～90%RH
Dimensions(W×L×H): 260mm×225mm×47.6mm
                                    (10.24" ×8.86" ×1.87")
Net Weight: 0.92kg(2.03lb)
Certification: CE/FCC

What's in the box

- 1 x PoE Recorder
- 1 x Quick Start Guide
- 1 x Power Adapter
- 1 x Network Cable

- 1 x SATA Data Cable
- 1 x SATA Power Cable
- 1 x Screw Package
- 1 x Mouse