Manuals+

dahua DH-IPC-HFW1239TL1-PV 2MP Entry Smart Dual Light Active Deterrence Network Camera Owner's Manual

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DH-IPC-HFW1239TL1-PV 2MP Entry Smart Dual Light Active Deterrence Network Camera

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Product Information

Specifications

- Model: DH-IPC-HFW1239TL1-PV

- Resolution: 2MP

- Camera Type: Fixed-focal Bullet Network Camera

- Image Sensor: 1/2.8″ CMOS

- RAM: 128 MB

- ROM: 128 MB

- Min. Illumination: 0.005 lux@F1.6 (Color, 30 IRE)

- Smart Features: Siren and Light Active Deterrence, Smart Dual Light, Human Detection, Smart H.265+, Smart H.264+

Product Usage Instructions

Installation

1. Choose a suitable mounting location with a clear view of the area to be monitored.

2. Securely mount the camera using appropriate hardware.

3. Connect the camera to a power source and network using the provided cables.

Configuration

1. Access the camera's web interface using a web browser on a computer connected to the same network.

2. Follow the on-screen instructions to set up network settings, image quality, and other preferences.

Operation

1. Monitor the live feed from the camera through the web interface or dedicated software.

2. Configure motion detection, alarm settings, and recording options as needed.

FAQ

Q: How far can the camera's warm light illuminate?

A: The warm light can illuminate up to 50 meters (164.04 ft) from the camera.

Q: Can I customize the voice alarm on the camera?

A: Yes, the camera supports customized voice importing for the voice alarm feature.

Q: What is DORI Distance?

A: DORI (Detect, Observe, Recognize, Identify) is a standard system for defining the ability to distinguish persons or objects within a covered area based on different focal lengths of the lens.

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[View Fullscreen](#)

Entry Series | DH-IPC-HFW1239TL1-PV

DH-IPC-HFW1239TL1-PV

2MP Entry Smart Dual Light Active Deterrence Fixed-focal Bullet Network Camera

Series Overview

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

Functions

Siren and Light Active Deterrence Dahua siren and light active deterrence network camera supports the light alarm and voice alarm when perimeter event occurs, to realize

the deterrence and effective intervention. The camera is built in multiple voices for selection, and supports customized voice importing.

Smart Dual Light Dahua Smart Dual Light technology adopts smart algorithm to detect targets. Usually, the IR illuminator is on at night; when the target appears in the monitoring area, the white light is on, and the camera records the full-color video and information of key events. That is, the camera links snapshot and video with full-color image. When the target is out of the monitoring area, the white light is off and the IR illuminator is on, which reduces light pollution efficiently.

Human Detection Dahua intelligent algorithms extract moving human targets from videos and filters out alarms that are triggered by non-human targets to increase the accuracy and effectiveness of alarms.

Smart H.265+ & Smart 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.

· 2-MP 1/2.8″ CMOS image sensor, low luminance, and high definition image.

· Outputs max. 2 MP (1920 × 1080)@25/30 fps. · H.265 codec, high compression rate, ultra-low bit rate. · Built-in IR LED and warm light, and the max. IR distance is 50 m, the max. warm light distance is 50 m. · DWDR, 3D NR, HLC, BLC, digital watermarking, applicable to various

monitoring scenes. · ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments. · Abnormality detection: Motion detection, video tampering, audio

detection, network disconnection, IP conflict and illegal access. · Built-in Mic; built-in speaker; support two-way talk. · 12 VDC/PoE power supply, easy for installation. · IP67 protection. · Sound and light alarm. · Supports human detection. · One-tap arming/disarming.

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 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.

Entry Series | DH-IPC-HFW1239TL1-PV

Technical Specification

Camera

Image Sensor

1/2.8″ CMOS

Max. Resolution

1920 (H) × 1080 (V)

ROM

128 MB

RAM

128 MB

Scanning System

Progressive

Electronic Shutter Speed Auto/Manual 1/3 s1/100,000 s

Min. Illumination

0.005 lux@F1.6 (Color, 30 IRE) 0.0005 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)

S/N Ratio

>56 dB

Illumination Distance

Up to 50 m (164.04 ft)(IR) Up to 50 m (164.04 ft)(Warm light)

Illuminator On/Off Control Auto;Manual

Illuminator Number

2 (IR LED); 2 (Warm light)

Angle Adjustment
Lens

Pan: 0°360° Tilt: 0°90° Rotation: 0°360°

Lens Type

Fixed-focal

Lens Mount

M12

Focal Length

2.8 mm; 3.6 mm; 6 mm

Max. Aperture

F1.6

Field of View

2.8 mm: H: 103°; V: 55°; D: 123° 3.6 mm: H: 86°; V: 46°; D: 103° 6 mm: H: 53°; V: 29°; D: 62°

Iris Control

Fixed

Close Focus Distance

2.8 mm: 0.8 m (2.62 ft) 3.6 mm: 1.1 m (3.61 ft) 6 mm: 2.6 m (8.53 ft)

Lens

Detect

Observe Recognize Identify

2.8 mm

44.1 m

17.7 m

(144.69 ft) (58.07 ft)

8.8 m (28.87 ft)

4.4 m (14.4 ft)

DORI Distance

3.6 mm 6 mm

53.8 m (176.51 ft)
85.5 m (280.51 ft)

21.5 m (70.54 ft)
34.2 m (112.2 ft)

10.8 m (35.43 ft)
17.1 m (56.10 ft)

5.4 m (17.72 ft)

8.6 m (28.22 ft)

*DORI (Detect, Observe, Recognize, Identify)is a standard system (EN-62676-4)for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.

Intelligence

Human Detection

Support the classification and accurate detection of human

Smart Search

Video

Video Compression Smart Codec

Video Frame Rate

Streaming Capability

Resolution

Bit Rate Control Video Bit Rate Day/Night BLC HLC WDR White Balance Gain Control Noise Reduction Motion Detection Region of Interest (RoI) Smart Illumination Smart Dual Light Image Rotation Mirror Privacy Masking

Audio

Built-in MIC Built-in Speaker Audio Compression

Alarm

Alarm Event

Network

Network Port SDK and API

Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos

H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream) Smart H.265+; Smart H.264+ Main stream: 1920 × 1080@(125/30 fps) sub stream: 704 ×

576@(125 fps)/704 × 480@(130 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity. 2 streams 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240) CBR/VBR H.264: 32 kbps4096 kbps; H.265: 12 kbps4096 kbps Auto(ICR)/Color/B/W Yes Yes DWDR Auto; natural; street lamp; outdoor; manual; regional custom Manual;Auto 3D NR OFF/ON (4 areas, rectangular) Yes (4 areas) Yes Yes 0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower) Yes Yes (4 areas)

Yes, built-in Mic Yes, built-in speaker G.711a; G.711Mu; PCM; G.726

Network disconnection; IP conflict; illegal access; motion detection; video tampering;audio detection ;SMD (human); security exception;

RJ-45 (10/100 Base-T) Yes

Entry Series | DH-IPC-HFW1239TL1-PV

Network Protocol

Interoperability User/Host Storage Browser Management Software Mobile Client

Security

Certification

Certifications

Power

Power Supply

Power Consumption

ePoE

Environment

Operating Temperature Operating Humidity Storage Temperature Storage Humidity

Protection

Structure

Casing Material Product Dimensions Net Weight Gross Weight

IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMPP2P; Auto Registration ONVIF (Profile S &

Profile T); CGI 6 (Total bandwidth: 24 M) FTP IE; Chrome; Firefox Smart PSS Lite; DSS; DMSS iOS;Android Digest;WSSE;Account lockout;Security logs;Generation and importing of X.509 certification;HTTPS;Trusted boot;Trusted execution;Trusted upgrade CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU 12 VDC/PoE (802.3af) Basic: 1.9 W (12 VDC); 2.4 W (PoE); Max.: 11.5 W (12 VDC); 13.1 W (PoE) (H.265 + intelligence on + WDR + IR intensity + warm light deterrence + speaker) No

40 °C to +60 °C (40 °F to +140 °F) 95% (RH), non-condensing 40 °C to +60 °C (40 °F to +140 °F) 95% (RH), non-condensing IP67

Metal + Plastic 197.9 mm × 80.2 mm × 76.2 mm (7.79″ × 3.16″ × 3.00″) (L × W × H) 0.35 kg (0.77 lb) 0.49 kg (1.08 lb)

Type
Accessories Optional:

Model DH-PFA134 DH-PFM321-EN DH-PFM320D-EN PFM900-E

Description Junction Box DC12V1A power adapter DC12V2A power adapter Integrated Mount Tester

DH-PFA130-E Water-proof Junction Box

DH-PFA134 Junction Box

DH-PFA151 Corner Mount Bracket

DH-PFA157 Pole Mount Bracket

DH-PFM320D-EN

DH-PFM321-EN

DC12V2A power adapter DC12V1A power adapter

G3416GW G3/4″ Water Joint

PFM900-E Integrated Mount Tester

Ordering Information

Type

Model

IP CAMERA

DH-IPC-HFW1239TL1-PV

Accessories (Optional)

DH-PFA151 G3416GW DH-PFA130-E DH-PFA157

Description
2MP Entry Smart Dual Light Active Deterrence Fixed-focal Bullet Network Camera
Corner Mount Bracket
G3/4″ Water Joint
Water-proof Junction Box
Pole Mount Bracket

www.dahuasecurity.com

Entry Series | DH-IPC-HFW1239TL1-PV
Dimensions (mm[inch])

Rev 002.000

Documents / Resources

[dahua DH-IPC-HFW1239TL1-PV 2MP Entry Smart Dual Light Active Deterrence Network Camera](#) [[pdf](#)] Owner's Manual DH-IPC-HFW1239TL1-PV, DH-IPC-HFW1239TL1-PV 2MP Entry Smart Dual Light Active Deterrence Network Camera, 2MP Entry Smart Dual Light Active Deterrence Network Camera, Smart Dual Light Active Deterrence Network Camera, Dual Light Active Deterrence Network Camera, Active Deterrence Network Camera, Deterrence Network Camera, Network Camera

References

- [User Manual](#)

📁 Dahua

🏷 2MP Entry Smart Dual Light Active Deterrence Network Camera, Active Deterrence Network Camera, Dahua, Deterrence Network Camera, DH-IPC-HFW1239TL1-PV, DH-IPC-HFW1239TL1-PV 2MP Entry Smart Dual Light Active Deterrence Network Camera, Dual Light Active Deterrence Network Camera, Network Camera, Smart Dual Light Active Deterrence Network Camera

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