5MP Outdoor Fixed-focal Wi-Fi Pan & Tilt Network Camera

DH-IPC-PT1539DA1-SW-PV

Series Overview

The Active Defense series of small PT cameras raises the bar on performance. After detecting an intrusion, it triggers sound and light alarms, and then instantly relays vital information on the intrusion to the mobile client, keeping you informed no matter where you are. It supports two-way talk, allowing you to communicate with people in front of the camera in real time. Additionally, it includes smart dual illuminators that not only reduce light pollution, but also intelligently turn on when they are triggered by an event to assist the camera with capturing clear, full-color videos.

5MP
Clear images with sharp details

Sound and Light Alarm
Provides instant alarms to deter intruders

Red and Blue Warning Light
Stronger deterrent to repel potential intruders

AI Human Detection
Focuses on what matters and reduces false alarms

AI Vehicle Detection
Focuses on what matters and reduces false alarms

Auto Tracking
Automatic tracking of targets

One Camera for 360° View
360° monitoring without blind spots

Preset Patrol
Guards the places that matter to you regularly

IP66 Protection
Withstands harsh environments

Smart Dual Light
Captures color details for post-event review

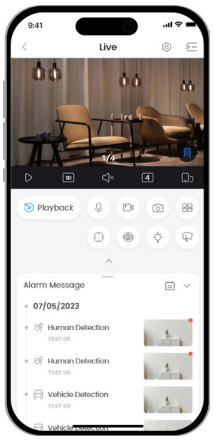
Bluetooth Pairing
Fast pairing with Bluetooth

Wi-Fi 6
Seamless integration of speed and anti-interference

Supports Micro SD Card
Low-cost storage

Two-way Talk
Communication anytime, anywhere

DMSS APP
Easy to use



Upgrade Your Experience with DMSS

Intuitive AIoT app for individual security

Remote Management
Live view and recording history

Easy sharing
Safer device sharing with family and friends

Notifications and Alerts
Accurate and timely

High Security
Stay secure with all data encrypted

Available on the App Store
GET IT ON Google play

Specifications

Camera

Image Sensor	1/2.7" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Min. Illumination	0.007 lux@F1.6 (Color, 30 IRE) 0.0007 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (Warm light)
Illuminator Number	2 (Multi-core (IR + warm) light)
Angle Adjustment	Pan: 0° to 345° Tilt: 0° to 90°
Lens Type	Fixed-focal
Focal Length	4.0 mm
Max. Aperture	F1.6
Field of View	H: 78°; V: 42°; D: 92°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by sub stream)
Video Frame Rate	Main stream: 2880 × 1620@(1–25/30 fps) sub stream: 640 × 360@(1–25/30 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.
Video Bit Rate	H.264: 32 kbps–6144 kbps; H.265: 32 kbps–6144 kbps
Day/Night	Auto(ICR)/Color/B/W
WDR	DWDR
Motion Detection	OFF/ON (4 areas, rectangular)
Image Rotation	0°/180°
Built-in MIC	Yes, built-in Mic
Built-in Speaker	Yes, built-in speaker
Audio Compression	G.711a; G.711Mu; PCM

Network

Network Port	RJ-45 (10/100 Base-T)
Wi-Fi	IEEE 802.11a/b/g/n/ac/ax 2.4 G & 5 G, EIRP≤20 dBm@2400–2483.5 MHz (CE), EIRP≤23 dBm@5150–5250 MHz (CE), EIRP≤20 dBm@5250–5350 MHz (CE), EIRP≤20 dBm@5470–5725 MHz (CE), EIRP≤14 dBm@5725–5875 MHz (CE)
Wi-Fi Pairing	Bluetooth pairing
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI
Storage	Micro SD card (support max. 256 GB)
Management Software	Smart PSS Lite; DSS; DMSS
Mobile Client	Android;iOS

Function

Abnormal Sound Alarm	Yes

General

Certifications	CE
Power Supply	12 VDC (±30%)
Power Consumption	Basic: 2 W (12 VDC) Max.: 14 W (12 VDC) (illuminator intensity + red and blue active deterrence + speaker on + PT rotation + Wi-Fi pulling stream + WDR)
Operating Temperature	–30 °C to +55 °C (–22 °F to +131 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66
Camera Button	Reset button
Casing Material	Plastic
Product Dimensions	125.4 mm × 110 mm × 140.3 mm (4.94" × 4.37" × 5.52") (L × W × H)
Net Weight	0.4 kg (0.88 lb)

What's in the box

× 1

Tools:

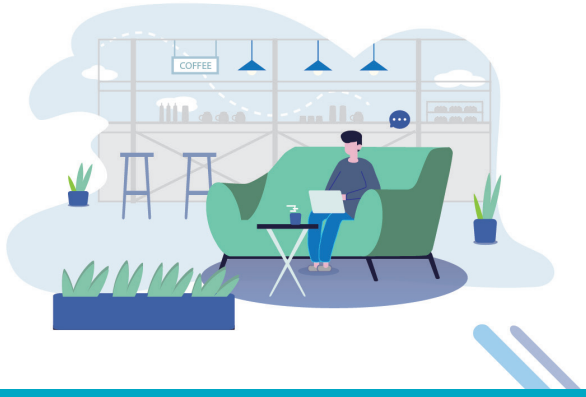
- Position Map × 1
- Screw Package × 1
- Waterproof Connector × 1
- Installation bracket × 1

Documents:

- QR Code × 1
- Quick Start Guide × 1
- Legal and regulation information × 1

Power:

- Power Adapter × 1



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