



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



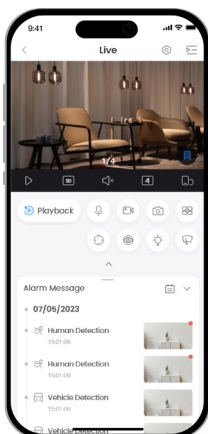
Two-way Talk

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





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

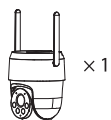
Function

Abnormal Sound Alarm	Yes
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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

