3MP Wireless Network PT Camera

DH-P3AE-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.It also can record full-color videos and information of key events using Smart Dual Illuminators, effectively reducing light pollution.

3MP
Clear images with sharp details

Smart Dual Light
Captures color details for post-event review

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

Sound and Light Alarm
Provides instant alarms to deter intruders

AI Human Detection
Focuses on what matters and reduces false alarms

AI Vehicle Detection
Focuses on what matters and reduces false alarms

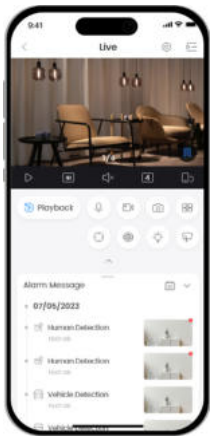
Two-way Talk
Communication anytime, anywhere

Auto Tracking
Automatic tracking of targets

IP66 Protection
Withstands harsh environments

H.265
Advanced H.265 compression technology

SD Card
Low-cost storage



Upgrade Your Experience with DMSS

Dahua Mobile Security Surveillance (DMSS) is a professional remote surveillance management platform that offers remote monitoring, device migration, and sharing. When connected to the internet, the platform provides real-time alerts to improve surveillance efficiency and grant flexibility in security management.

Available on the App Store

GET IT ON Google play



Specifications

Camera

Image Sensor	1/2.8" CMOS
Pixel	3 MP
Max. Resolution	2304 (H) × 1296 (V)
Electronic Shutter Speed	1 s–1/100,000 s
Illuminator Number	2 (IR light); 2 (warm light)
Illumination Distance	30 m (98.43 ft) (warm light); 30 m (98.43 ft) (IR)

Lens

Focal Length	4.0 mm
Max. Aperture	F2.0
Field of View	4.0 mm: H: 86.8°; V: 47.1°; D: 102.2°
Close Focus Distance	4.0 mm: 0.6 m (1.97 ft)

PTZ

Pan/Tilt Range	Pan: 0° to 345°; Tilt: 0° to +80°
Preset	300

Smart Event

IVS	Tripwire; intrusion
Human Detection	Yes
SMD	SMD3.0

Active Deterrence

Light Warning	Warm light warning; Flash duration: 5 s–30 s; Flash frequency: high, medium, low
Sound Warning	Offers 1 sound alarm and 10 custom sound alarms can be imported; Sound can be set from 0%–100%; Play times can be set from 1-10.

Video

Video Compression	Smart H.265+;H.265;Smart H.264+;H.264;H.264B;MJPEG(Sub Stream 1)
Resolution	3M (2304 × 1296); 1080p (1920 × 1080); 960p (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 3M/1080p/1.3M/720p@(1–25/30 fps) Sub stream 1: D1/VGA/CIF@(1–25/30 fps)
Video Bit Rate	H264: 88 kbps-8,192 kbps H265: 35 kbps-8,192 kbps
Day/Night	Auto (ICR); Color/B/W
WDR	DWDR
Image Rotation	180°

Audio

Audio Compression	PCM; G.711a; G.711Mu; G.726;

Network

Network Port	RJ-45 (10/100 Base-T)
Wi-Fi Standard	IEEE802.11b;IEEE802.11g;IEEE802.11n
Wi-Fi Frequency Range	2.4000-2.4835 GHz
Power Transmission	≤20 dBm@2400–2483.5 MHz
Storage	Micro SD card (256GB); FTP
Browser	IE: IE 7 and later versions; Chrome; Firefox; Safari
Management Software	Smart PSS;DMSS;Player;ConfigTool;NVR;Smart Player
Mobile Client	iOS;Android

Certification

Certifications	CE

Power

Power Supply	12 VDC, 1 A ± 10% (included)

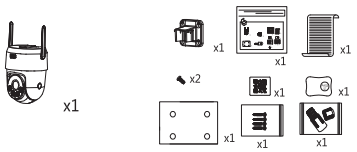
Environment

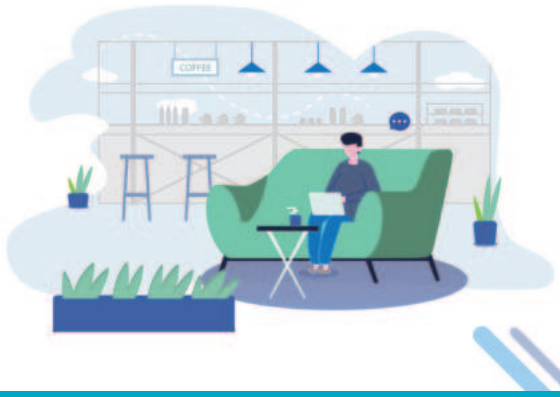
Operating Temperature	–30 °C to +55 °C (–22 °F to +131 °F)
Operating Humidity	≤95%

Structure

Product Dimensions	140.5 mm × Φ111.0 mm (5.53" × Φ4.37")
Net Weight	0.5 kg (1.10 lb)
Gross Weight	1 kg (2.20 lb)

What's in the box





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