

5MP Wireless Network PT Camera

DH-P5AE-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.



5MP

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.





Specifications

Camera

Image Sensor	1/2.8" CMOS
Pixel	5 MP
Max. Resolution	2560 (H) × 1920(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	F1.6
Field of View	4.0 mm: H: 80.4°; V: 58.1°; D: 104.8°
Close Focus Distance	4.0 mm: 0.3 m (0.98 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.264B; H.264M; H.264H; MJPEG (Sub Stream 1)
Resolution	5M (2560 × 1920); 4M (2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)

Video Frame Rate

Main stream: 5M/4M/3M/1080p/1.3M/720p@
(1–25/30 fps)
Sub stream 1: D1/VGA/CIF@ (1–25/30 fps)
Main stream: 5M/4M/3M/1080p/1.3M/720p@
(1–25/30 fps)
Sub stream 1: D1/VGA/CIF@ (1–25/30 fps)

Video Bit Rate

H264: 104 kbps–8,192 kbps
H265: 41 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 (256 GB); 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