

# 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)

## 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; linkage tracking
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°
<b>Audio</b>	
Audio Compression	PCM; G.711a; G.711Mu; G.726;
<b>Network</b>	
Network Port	RJ-45 (10/100 Base-T)
Wi-Fi Standard	IEEE802.11b;IEEE802.11g;IEEE802.11n
Wi-Fi Frequency Range	2.4 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
<b>Certification</b>	
Certifications	CE
<b>Power</b>	
Power Supply	12 VDC, 1 A ± 10% (included)
<b>Environment</b>	
Operating Temperature	–30 °C to +55 °C (–22 °F to +131 °F)
Operating Humidity	≤95%
<b>Structure</b>	
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

