

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



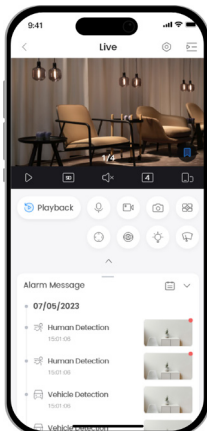
H.265

Advanced H.265 compression technology



SD Card

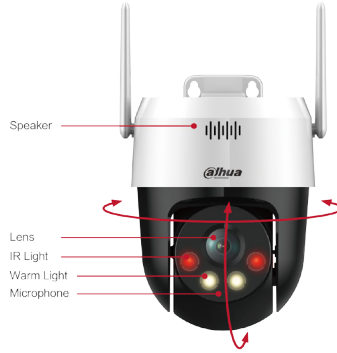
Low-cost storage



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° |
| 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 | 2.4 GHz |
| 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 |
| 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

