



5MP Outdoor Full-color Active Deterrence Fixed-focal Wi-Fi Pan & Tilt Network Camera

DH-P5B-PV



Series Overview

The Picoo 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



Preset Patrol

Guards the places that matter to you regularly



Auto Tracking

Automatic tracking of targets



Abnormal Sound Alarm

Detects abnormal sounds and sends alarms in time



IP65 Protection

Withstands harsh environments



Wi-Fi 6

Seamless integration of speed and anti-interference



Bluetooth Pairing

Fast pairing with Bluetooth



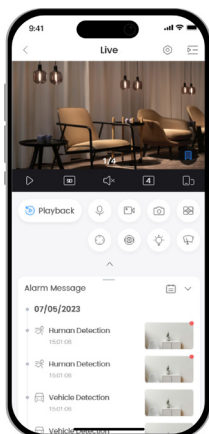
H.265

Advanced H.265 compression technology



SD Card

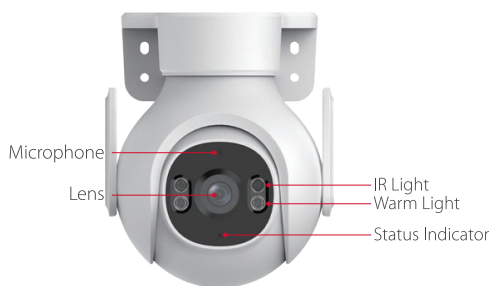
Low-cost storage



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 | 1/3" CMOS |
| Max. Resolution | 2880 (H) × 1620 (V) |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100,000 s |
| Illumination Distance | Up to 30 m (98.43 ft) (IR); Up to 30 m (98.43 ft) (Warm Light) |
| Illuminator On/Off Control | Auto |
| Illuminator Number | 2 (IR LED); 2 (Warm light) |
| Angle Adjustment | Pan: 0°–355°; Tilt: 0°–65° |

Lens

| | |
|---------------|------------------------|
| Max. Aperture | F1.6 |
| Field of View | H: 78°; V: 40°; D: 93° |

Intelligence

| | |
|-------------------|-----|
| Vehicle Detection | Yes |
| Human Detection | Yes |

Video

| | |
|--------------------|--|
| Video Compression | H.265 |
| 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. |
| Resolution | 5M (2880 × 1620); nHD (640 × 360) |
| Video Bit Rate | H.265: 80 kbps–4096 kbps |
| Day/Night | Auto(ICR)/Color/B/W |
| WDR | DWDR |
| Motion Detection | Yes |
| Smart Illumination | Yes |

| | |
|----------------|---------|
| Image Rotation | 0°/180° |
|----------------|---------|

Audio

| | |
|-------------------|-----------------------|
| Built-in MIC | Yes, built-in Mic |
| Built-in Speaker | Yes, built-in speaker |
| Audio Compression | G.711a |

Network

| | |
|---------------------|--|
| Network Port | RJ-45 (10/100 Base-T) |
| Wi-Fi | IEEE 802.11b/g/n 2.4–2.4835 GHz, 2.4 G |
| Storage | Micro SD card (up to 256 GB) |
| Management Software | DMSS |
| Mobile Client | iOS;Android |

Certification

| | |
|----------------|----|
| Certifications | CE |
|----------------|----|

Power

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|-------------------|---|
| Power Supply | 12 VDC, 1 A |
| Power Consumption | Basic: 1.68 W Max.: 4.56 W (H.265+warm light on) |

Environment

| | |
|-----------------------|-------------------------------------|
| Operating Temperature | –20 °C to +50 °C (–4 °F to +122 °F) |
| Operating Humidity | ≤95% |

Structure

| | |
|--------------------|---|
| Casing Material | Plastic |
| Product Dimensions | 116 mm × 138 mm × 139 mm (4.57" × 5.43" × 5.47") (L × W × H) |
| Net Weight | 425 g (0.94 lb) |

What's in the box

