



5+5MP Outdoor Wi-Fi Dual-Lens Pan & Tilt Camera

DH-P5D-5F-PV



Series Overview

The Picoo Dual Series, which is under the Dahua Wireless series, consists of cameras equipped with both fixed lens and PT lens. This unique combination allows for simultaneous live monitoring of two areas, providing coverage from multiple angles. Leveraging its dual lenses, the camera performs smart detection using advanced functions like AI human and vehicle detection, effectively minimizing false alarms. Additionally, with the assistance of the PT lens, the camera has the capability to automatically track moving targets. The camera also triggers sound and light alarms upon detecting an intrusion, promptly sending notifications to the mobile client to ensure you remain up to date regardless of your location. These cameras are widely utilized in small-scale scenes such as shops and restaurants.



Dual 3K

Clear images with sharp details



Dual-lens, Double Vision

One camera, double the protection



Adjustable Dual-lens Angles

See all around with adjustable lenses



Dual Channel Smart Detection

Smart detection for both lenses to focus on what matters



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



IP66 Protection

Withstands harsh environments



Auto Tracking

Automatic tracking of targets



Sound and Light Alarm

Provides instant alarms to deter intruders



Smart Dual Light

Captures color details for post-event review



Micro SD Card

Low-cost storage



Bluetooth Pairing

Fast pairing with Bluetooth



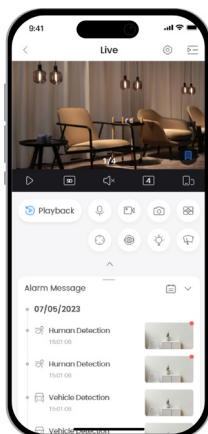
Wi-Fi 6

The perfect integration of speed and anti-interference



H.265

Advanced H.265 Compression Technology



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

Fixed Lens

| | |
|-----------------------|--|
| Image Sensor | 1/3" CMOS |
| Max. Resolution | 2880 (H) × 1620 (V) |
| Illumination Distance | Up to 30 m (98.43 ft) (IR) Up to 20 m (65.62 ft) (Warm light) |
| Illuminator Number | 2 (IR LED); 2 (Warm light) |
| Angle Adjustment | -10° to 15° |
| Lens Type | Fixed-focal |
| Focal Length | 2.8 mm |
| Max. Aperture | F1.6 |
| Field of View | H: 95°; V: 53°; D: 110° |

PT Lens

| | |
|-----------------------|--|
| Image Sensor | 1/3" CMOS |
| Max. Resolution | 2880 (H) × 1620 (V) |
| Illumination Distance | Up to 50 m (164.04 ft) (IR) Up to 40 m (131.23 ft) (Warm light) |
| Illuminator Number | 2 (IR LED); 2 (Warm light) |
| Angle Adjustment | Pan: 0° to 352°; Tilt: 0° to 90° |
| Lens Type | Fixed-focal |
| Focal Length | 6 mm |
| Max. Aperture | F1.6 |
| Field of View | H: 49°; V: 26°; D: 57° |

Intelligence

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

Audio and Video

| | |
|-------------------|--|
| Video Compression | H.265 |
| | Main stream: 2880 × 1620@15 fps sub stream: 640 × 360@15 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. |
| Video Frame Rate | |
| Video Bit Rate | H.265: 768 kbps–4096 kbps |
| Day/Night | Auto(ICR)/Color/B/W |
| WDR | DWDR |
| Motion Detection | Yes |
| Image Rotation | 0°/180° |
| 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/ax 2.412-2.472 GHz, 2.4G, ≤20dBm@2400-2483.5MHz |
| Wi-Fi Pairing | Bluetooth pairing |
| Storage | Micro SD card (support max. 256 GB) |
| Management Software | DMSS |
| Mobile Client | iOS; Android |

General

| | |
|-----------------------|---|
| Certifications | CE |
| Power Supply | 12 VDC |
| Power Consumption | Basic: 2.6 W Max.: 10.6 W (pulling stream+ IR + siren and light active deterrence) |
| Operating Temperature | -20 °C to +50 °C (-4 °F to +122 °F) |
| Operating Humidity | ≤95% (RH), non-condensing |
| Protection | IP66 |
| Casing Material | Plastic |
| Product Dimensions | 159.4 mm × 119.1 mm × 210 mm (6.28" × 4.69" × 8.27") (L × W × H) |
| Net Weight | 585 g (1.29 lb) |

What's in the box

