

**dahua**  
DH-P5D-  
5F-PV  
Picoo  
Dual



## dahua DH-P5D-5F-PV Picoo Dual Owner's Manual

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**dahua DH-P5D-5F-PV Picoo Dual**



## Specifications

### • Camera:

- Fixed Lens Image Sensor Max. Resolution
- Illumination Distance
- Illuminator Number
- Angle Adjustment
- Lens Type
- Focal Length
- Max. Aperture
- Field of View

### • PT Lens:

- Image Sensor Max. Resolution
- Illumination Distance
- Illuminator Number
- Angle Adjustment
- Lens Type
- Focal Length
- Max. Aperture
- Field of View

### • Intelligence:

- Human Detection
- Vehicle Detection

### • Audio and Video:

- Video Compression
- Video Frame Rate
- Video Bit Rate
- Day/Night WDR
- Motion Detection
- Image Rotation
- Built-in MIC
- Built-in Speaker
- Audio Compression

- **Network:**

- Network Port
- Wi-Fi
- Wi-Fi Pairing
- Storage Management
- Software Mobile Client

- **General:**

- Certifications
- Power Supply
- Power Consumption
- Operating Temperature
- Operating Humidity
- Protection Casing Material
- Product Dimensions
- Net Weight

## **Product Usage Instructions**

### **Installation and Setup:**

To install the Outdoor Wi-Fi Dual-Lens Pan & Tilt Camera, follow these steps:

1. Choose a suitable outdoor location with a stable Wi-Fi connection.
2. Mount the camera securely using the provided mounting kit.
3. Connect the camera to a power source using the included power supply.
4. Download and install the DMSS mobile app on your smartphone.
5. Follow the in-app instructions to pair the camera with your Wi-Fi network.

### **Camera Operation:**

To operate the camera:

1. Access the live feed through the DMSS mobile app or web interface.
2. Use the app to pan and tilt the camera for a full view of the surroundings.
3. Enable smart detection features such as human and vehicle detection for enhanced security.
4. Review captured footage on the micro SD card or through the cloud storage options.

### **Maintenance:**

To ensure optimal performance, regularly check and clean the camera lenses and housing. Update the firmware when new versions are available to access the latest features and improvements.

## **FAQ (Frequently Asked Questions)**

- **Q: How do I reset the camera to factory settings?**

A: To reset the camera, press and hold the reset button for 10 seconds until you hear a beep, indicating that the camera has been restored to factory settings.

- **Q: Can I access the camera feed from multiple devices simultaneously?**

A: Yes, you can access the camera feed from multiple devices using the DMSS mobile app or web interface by logging in with the same account credentials.

- **Q: What is the maximum storage capacity supported by the micro SD card?**

A: The camera supports micro SD cards with a maximum capacity of 256 GB for local video storage.

## 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 Channel Smart Detection

Smart detection for both lenses to focus on what matters



### Preset Patrol

Guards the places that matter to you regularly



### Sound and Light Alarm

Provides instant alarms to deter intruders



### Bluetooth Pairing

Fast pairing with Bluetooth



### Dual-lens, Double Vision

One camera, double the protection



### AI Human Detection

Focuses on what matters and reduces false alarms



### IP66 Protection

Withstands harsh environments



### **Smart Dual Light**

Captures color details for post-event review



### **Wi-Fi 6**

The perfect integration of speed and anti-interference



### **Adjustable Dual-lens Angles**

See all around with adjustable lenses



### **AI Vehicle Detection**

Focuses on what matters and reduces false alarms



### **Auto Tracking**

Automatic tracking of targets



### **Micro SD Card**

Low-cost storage

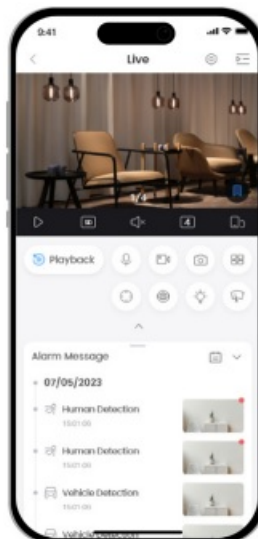


### **H.265**

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

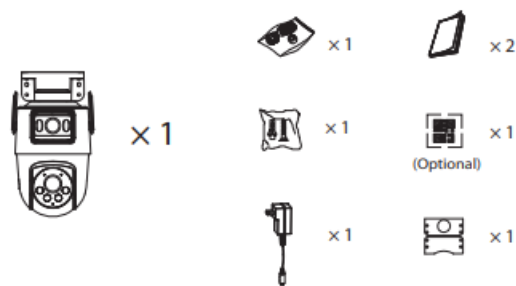
#### Fixed Lens

- 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°

## What's in the box



## Intelligence

- Human Detection Yes
- Vehicle Detection Yes
- Audio and Video
- Video Compression H.265
  - Video Frame Rate
- 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 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)

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- The images, specifications and information mentioned in the document are only for reference, and might differ from the actual product

[www.dahuasecurity.com](http://www.dahuasecurity.com)

## Documents / Resources

	<p><a href="#">dahua DH-P5D-5F-PV Picoo Dual</a> [pdf] Owner's Manual DH-P5D-5F-PV Picoo Dual, DH-P5D-5F-PV, Picoo Dual, Dual</p>
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## References

- [@ Dahua Technology - World Leading Video-Centric AIoT Solution & Service Provider](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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