



## 3+3MP Outdoor WizColor Wi-Fi Dual-Lens Pan & Tilt Camera

# DH-P3D-3F-PV-P



### Series Overview

The Picoo Dual Series camera features both a fixed lens and PT lens, providing versatility for various surveillance needs. In low-light conditions, it leverages advanced WizColor technology to deliver crisp and vibrant images comparable to those captured in daylight. The camera supports both Wi-Fi and PoE connectivity options, ensuring flexible and stable network connections. Its dual lens system enables smart detection through advanced functions, such as AI human and vehicle detection, effectively minimizing false alarms. Moreover, with the assistance of the PT lens, it automatically tracks moving targets.



#### Dual 2K

Clear images with sharp details



#### AI ISP

Provides a more vibrant, brighter image under low-light conditions



#### Linkage Tracking

Coordinated fixed lens and PT lens monitoring ensures complete vigilance in security



#### 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



#### Two-way Talk

Communication anytime, anywhere



#### IP66 Protection

Withstands harsh environments



#### Sound and Light Alarm

Provides instant alarms to deter intruders



#### One Camera for 360° View

360° monitoring without blind spots



#### Supports Micro SD Card

Low-cost storage



#### Bluetooth Pairing

Fast pairing with Bluetooth



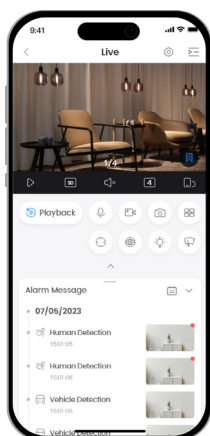
#### Wi-Fi 6

The perfect integration of speed and anti-interference



#### H.265

Advanced H.265 Compression Technology



## Upgrade Your Experience with DMSS

Intuitive AIoT app for individual security



#### Remote Management

Live view and recording history



#### Easy sharing

Safer device sharing with family and friends



#### Notifications and Alerts

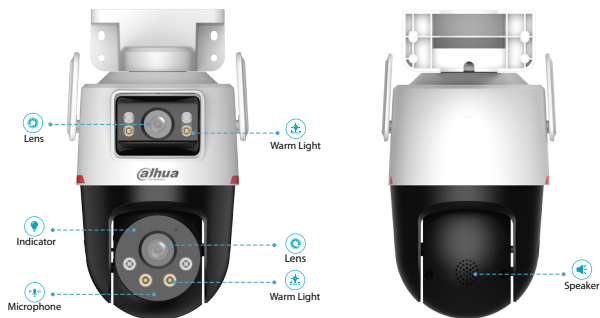
Accurate and timely



#### High Security

Stay secure with all data encrypted





## Specifications

### Camera

|                       |                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------|
| Image Sensor          | Channel 1 (PT Lens): 1/2.9" CMOS<br>Channel 2 (Fixed Lens): 1/2.9" CMOS                        |
| Max. Resolution       | Channel 1-2: 2304 (H) × 1296 (V)                                                               |
| Illumination Distance | Up to 40 m (131.23 ft) (Warm light)                                                            |
| Illuminator Number    | 4 (Warm light)                                                                                 |
| Angle Adjustment      | Pan: 0° to 352°<br>Tilt: 0° to 90°                                                             |
| Lens Type             | Fixed-focal                                                                                    |
| Focal Length          | Channel 1 (PT Lens): 6 mm<br>Channel 2 (Fixed Lens): 2.8 mm                                    |
| Max. Aperture         | F1.0                                                                                           |
| Field of View         | Channel 1 (PT Lens): H: 52°; V: 29°; D: 60°<br>Channel 2 (Fixed Lens): H: 89°; V: 48°; D: 105° |

### Intelligence

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

### Audio and Video

|                   |                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Compression | H.265; H.264; H.264H; H.264B; MJPEG (Only supported by sub stream)                                                                                                                                                          |
| Video Frame Rate  | Main stream: 2304 × 1296@(1~20 fps)<br>sub stream: 640 × 360@(1~25/30 fps)<br>*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: 512 kbps~4096 kbps                                                                                                                                                                                                   |
| Day/Night         | Color/B/W                                                                                                                                                                                                                   |
| WDR               | 120 dB                                                                                                                                                                                                                      |
| Motion Detection  | OFF/ON (4 areas, rectangular)                                                                                                                                                                                               |
| Image Rotation    | 0°/180°                                                                                                                                                                                                                     |
| Built-in MIC      | Yes, built-in Mic                                                                                                                                                                                                           |
| Built-in Speaker  | Yes, built-in speaker                                                                                                                                                                                                       |

Audio Compression

G.711a; G.711Mu; PCM; G.726

### Network

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| Network Port        | RJ-45 (10/100 Base-T)                                    |
| Wi-Fi               | IEEE 802.11b/g/n 2.4 G, EIRP≤20 dBm@2400~2483.5 MHz (CE) |
| Wi-Fi Pairing       | Bluetooth pairing                                        |
| Storage             | Micro SD card (support max. 256 GB)                      |
| Management Software | Smart PSS Lite; DSS; DMSS                                |
| Mobile Client       | Android;iOS                                              |

### Function

|                      |     |
|----------------------|-----|
| Abnormal Sound Alarm | Yes |
|----------------------|-----|

### General

|                       |                                                                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications        | CE-LVD: EN62368-1;<br>CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU;<br>CE-RED: Radio Equipment Directive 2014/53/EU            |
| Power Supply          | 12 VDC (±30%); PoE (802.3af)                                                                                                                 |
| Power Consumption     | Basic: 2.3 W (12 VDC); 3.1 W (PoE);<br>Max.: 9.8 W (12 VDC); 11.1W (PoE) (intelligence on + WDR + illuminator on + PT rotation + speaker on) |
| Operating Temperature | -30 °C to +50 °C (-22 °F to +122 °F)                                                                                                         |
| Operating Humidity    | ≤95%                                                                                                                                         |
| Protection            | IP66                                                                                                                                         |
| Camera Button         | Reset button                                                                                                                                 |
| 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

|                                                                                         |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  × 1 | <b>Tools:</b><br> Installation Position Map × 1<br> Screw Package × 1<br> Waterproof Connector × 1 | <b>Documents:</b><br> QR Code × 1<br> Quick Start Guide × 1<br> Legal and regulation information × 1 | <b>Power:</b><br> Power Adapter × 1 |
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