



## 5MP Fixed-focal Wi-Fi Bullet Network Camera

# DH-F5D-PV



### Series Overview

Driven by industry-leading technology, Dahua Wireless Series network cameras are highly precise and easy to install, producing high-quality images. They have strong wireless connection capabilities and do not require network cables, eliminating the need for a professional construction team. This series of cost-effective cameras supports local storage and is dustproof and waterproof. It is ideal for small and medium-sized scenes such as retail stores, homes, and other small and medium-sized enterprises.



#### 5MP

Clear images with sharp details



#### 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



#### IP67 Protection

Withstands harsh environments



#### Red and Blue Warning Light

Stronger deterrent to repel potential intruders



#### H.265

Advanced H.265 compression technology



#### Supports Micro SD Card

Low-cost storage



#### Bluetooth pairing

Fast pairing with Bluetooth



#### Wi-Fi 6

Seamless integration of speed and anti-interference



#### DMSS App

Easy to use



## 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          | 1/2.7" CMOS   |
| Max. Resolution       | 2880 (H) × 1620 (V)   |
| Min. Illumination     | 0.007 lux@F1.6 (Color, 30 IRE) 0.0007 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on) |
| Illumination Distance | Up to 30 m (98.43 ft) (IR)<br>Up to 30 m (98.43 ft) (Warm light)                    |
| Illuminator Number    | 1 (IR LED); 1 (Warm light)  |
| Angle Adjustment      | Tilt: 0°–90°<br>Rotation: 0°–360°   |
| Lens Type             | Fixed-focal   |
| Focal Length          | 2.8 mm; 3.6 mm  |
| Max. Aperture         | F1.6  |
| Field of View         | 2.8 mm: H: 104°; V: 56°; D: 124°<br>3.6 mm: H: 89°; V: 48°; D: 104°                 |

## Intelligence

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

## Audio and Video

|                   |  |
|-------------------|--|
| Video Compression | H.264B; H.264; H.264H; H.265   |
| Video Frame Rate  | Main stream: 2880 × 1620@(1-25/30 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.264: 32 kbps–4096 kbps;<br>H.265: 32 kbps–4096 kbps  |
| Day/Night         | Auto(ICR)/Color/B/W  |
| WDR               | DWDR   |
| 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  |

## Network

|                     |   |
|---------------------|---|
| Network Port        | RJ-45 (10/100 Base-T)                                     |
| Wi-Fi               | IEEE 802.11b/g/n/ax 2.4000–2.4835 GHz, 2.4 G, EIRP≤20 dBm |
| Wi-Fi Pairing       | Bluetooth pairing   |
| Interoperability    | ONVIF (Profile S & Profile G & Profile T); CGI            |
| Storage             | Micro SD card (support max. 256 GB)                       |
| Management Software | Smart PSS Lite; DSS; DMSS                                 |
| Mobile Client       | Android;iOS   |

## 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  |
| Power Consumption     | Basic: 2.4 W (12 VDC);<br>Max.: 7.5 W (12 VDC) (H.265 + warm light intensity + sound and light alarm)                             |
| Operating Temperature | –40 °C to +60 °C (–40 °F to +140 °F)  |
| Operating Humidity    | ≤95% (RH), non-condensing   |
| Protection            | IP67  |
| Camera Button         | Reset button  |
| Casing Material       | Metal + plastic   |
| Product Dimensions    | 158.3 mm × Φ76.8 mm (6.23" × Φ3.02")  |
| Net Weight            | 0.34 kg (0.75 lb)   |

# What's in the box

- × 1
- Tools:**
  - Position Map × 1
  - Screw Package × 1
  - Waterproof Connector × 1
- Documents:**
  - QR Code × 1
  - Quick Start Guide × 1
  - Legal and regulation information × 1
- Power:**
  - Power Adapter × 1

