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

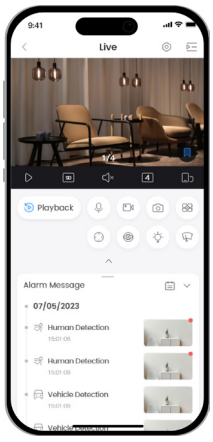
### H.265
Advanced H.265 compression technology

### 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

Available on the App Store

GET IT ON Google play




# 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 |

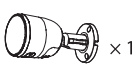
## Network

| | |
|---|---|
| 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




**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





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