

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

# DH-H3D-3F



### Series Overview

The Hero Dual Series, part of the Dahua Wireless series, has both fixed and PT lenses, allowing for simultaneous live monitoring of two areas with just one camera for multi-angle coverage. Both lenses offer AI human & pet detection, which significantly reduce the occurrence of false alarms. Particularly, the PT lens can identify moving targets and track them automatically. When the camera detects an intruder, it will trigger sound and light alerts and send notifications to the mobile client, keeping you up to date regardless of your location. These cameras are commonly used in such small-scale scenarios as stores and restaurants.



#### Dual 2K

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



#### One-click Proactive Call

Proactive bidirectional call anytime, anywhere



#### AI Human Detection

Focuses on what matters and reduces false alarms



#### Pet Detection

Focuses on what matters and reduces false alarms



#### Preset Patrol

Guards the places that matter to you regularly



#### Auto Tracking

Automatic tracking of targets



#### Sound and Light Alarm

Provides instant alarms to deter intruders



#### One-click Privacy Mode

Protects your privacy



#### Abnormal Sound Alarm

Accurately detects abnormal sounds and sends alarm information



#### Micro SD Card

Low-cost storage



#### Bluetooth Pairing

Fast pairing with Bluetooth



#### Dual-Band Wi-Fi 6

The perfect integration of speed and anti-interference.



## 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          | 1/3.2" CMOS                |
| Max. Resolution       | 2304 (H) × 1296 (V)        |
| Illumination Distance | Up to 30 m (98.43 ft) (IR) |
| Illuminator Number    | 2 (IR LED)                 |
| Angle Adjustment      | 0° to 15°                  |
| Lens Type             | Fixed-focal                |
| Focal Length          | 3.6 mm                     |
| Max. Aperture         | F2.0                       |
| Field of View         | H: 79°; V: 43°; D: 94°     |

#### PT Lens

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Image Sensor          | 1/3.2" CMOS                                                      |
| Max. Resolution       | 2304 (H) × 1296 (V)                                              |
| Illumination Distance | Up to 30 m (98.43 ft) (IR)<br>Up to 30 m (98.43 ft) (Warm light) |
| Illuminator Number    | 2 (IR LED); 1 (Warm light)                                       |
| Angle Adjustment      | Pan: 0° to 349°<br>Tilt: -5° to 90°                              |
| Lens Type             | Fixed-focal                                                      |
| Focal Length          | 3.6 mm                                                           |
| Max. Aperture         | F2.0                                                             |
| Field of View         | H: 79°; V: 43°; D: 94°                                           |

### Intelligence

|                 |     |
|-----------------|-----|
| Human Detection | Yes |
| Pet Detection   | Yes |

### Audio and Video

|                   |                                                                                                                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Compression | H.265                                                                                                                                                                                                            |
| Video Frame Rate  | Main stream: 2304 × 1296@15 fps<br>sub stream: 640 × 360@15 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         | 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 802.11a/b/g/n/ac/ax 2.4–2.4835 GHz, 2.4 G, EIRP≤20 dBm & 5.15–5.25 GHz, 5 G, EIRP≤23 dBm@5150–5250 MHz |
| Wi-Fi Pairing       | Bluetooth pairing                                                                                           |
| Storage             | Micro SD card (support max. 256 GB)                                                                         |
| Management Software | DMSS                                                                                                        |
| Mobile Client       | iOS;Android                                                                                                 |

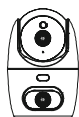
### Function

|                      |     |
|----------------------|-----|
| Abnormal Sound Alarm | Yes |
| Privacy Mode         | Yes |

### General

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Certifications        | CE                                                             |
| Power Supply          | 5 VDC                                                          |
| Power Consumption     | Basic: 2.3 W<br>Max.: 5.2 W (pulling stream+ IR + PT rotation) |
| Operating Temperature | -10 °C to +45 °C (-4 °F to +113 °F)                            |
| Operating Humidity    | ≤95% (RH), non-condensing                                      |
| Casing Material       | Plastic                                                        |
| Product Dimensions    | Φ80.9 mm × 125.7mm (3.19" × Φ4.95")                            |
| Net Weight            | 233 g (0.51 lb)                                                |

## What's in the box



#### Tools:

Installation Position Map×1  
Screw Package×1  
Bracket×1

#### Documents:

QR Code×1  
Quick Start Guide×1  
Legal and regulation information×1

#### Power:

Power Adapter×1  
Power Cord×1