



## 3MP Fixed-focal Wi-Fi Bullet Network Camera

# DH-F3D-IL



### 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.



#### 3MP

Clear images with sharp details



#### AI Human Detection

Focuses on what matters and reduces false alarms



#### AI Vehicle Detection

Focuses on what matters and reduces false alarms



#### IP67 Protection

Withstands harsh environments



#### Smart Dual Light

Captures color details for post-event review



#### Built-in Mic

Provides traceable audio details



#### Bluetooth Pairing

Fast pairing with Bluetooth



#### Wi-Fi 6

The perfect integration of speed and anti-interference.



#### H.265

Advanced H.265 compression technology



#### Supports Micro SD Card

Low-cost storage



#### 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	1/2.8" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (Warm light)
Illuminator Number	1 (IR LED); 1 (Warm light)
Angle Adjustment	Tilt: 0°–90° 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: 103°; V: 55°; D: 123° 3.6 mm: H: 85°; V: 46°; D: 100°

### 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: 2304 × 1296@(1-25/30 fps) sub stream: 640 × 360@(1-25/30 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.264: 32 kbps–4096 kbps; 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	No
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; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; CE-RED: Radio Equipment Directive 2014/53/EU
Power Supply	12 VDC
Power Consumption	Basic: 1.62 W (12 VDC); Max.: 3.66 W (12 VDC) (H.265 + warm light intensity)
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	331 g (0.73 lb)

## What's in the box

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

