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

DH-H3D



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

Smart Dual Light
Captures color details for post-event review

Linkage Tracking (2.8mm+6mm only)
Coordinated fixed lens and PT lens monitoring ensures complete vigilance in security

Tap and View (2.8mm+6mm only)
Tap anywhere on the close-up view in the App, and the PT lens will instantly rotate

Dual Channel Smart Detection
Smart detection for both lenses to focus on what matters

One-click Proactive Call
Proactive bidirectional call anytime, anywhere

Wi-Fi 6
Seamless integration of speed and anti-interference

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

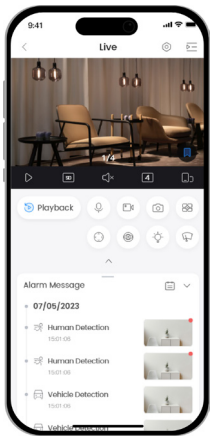
Sound and Light Alarm
Provides instant alarms to deter intruders

One-click Privacy Mode
Protects your privacy

Auto Tracking
Automatic Tracking of Targets

Micro SD Card
Low-cost storage

Bluetooth Pairing
Fast pairing with Bluetooth



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.

Available on the App Store

GET IT ON Google play



Specifications

Camera（2.8 mm+6 mm）

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	2.8 mm
Max. Aperture	F2.0
Field of View	H: 90°; V: 50°; D: 105°

PT Lens

Image Sensor	1/3.2" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	Up to 50 m (164.04 ft) (IR) Up to 40 m (131.23 ft) (Warm light)
Illuminator Number	2 (IR LED); 1 (Warm light)
Angle Adjustment	Pan: 0° to 349° Tilt: –5° to 90°
Lens Type	Fixed-focal
Focal Length	6 mm
Max. Aperture	F1.6
Field of View	H: 44°; V: 24°; D: 52°

Intelligence

Human Detection	Yes
Pet Detection	Yes

Camera (2.8mm+2.8mm)

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	2.8mm
Max. Aperture	F2.0
Field of View	H:89° V:49° D:103°

PT Lens

Image Sensor	1/3.2" 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	2 (IR LED); 1 (Warm light)
Angle Adjustment	Pan: 0° to 349° Tilt: –5° to 90°
Lens Type	Fixed-focal
Focal Length	2.8mm
Max. Aperture	F2.0
Field of View	H:89° V:49° D:103°

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2304 × 1296@15 fps sub stream: 640 × 360@15 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.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 802.11b/g/n/ax 2.4000~2.4835 GHz, 2.4G,≤20dBm
Wi-Fi Pairing	Bluetooth pairing
Storage	Micro SD card (support max. 256 GB)
Management Software	DMSS
Mobile Client	iOS;Android

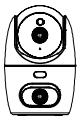
Function

Abnormal Sound Alarm	Yes
Privacy Mode	Yes

General

Certifications	CE
Power Supply	5 VDC
Power Consumption	Basic: 2.3 W 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



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