



5MP Outdoor Fixed-focal Wi-Fi Pan & Tilt Network Camera

D12 3K



Series Overview

The Active Defense series of small PT cameras raises the bar on performance. After detecting an intrusion, it triggers sound and light alarms, and then instantly relays vital information on the intrusion to the mobile client, keeping you informed no matter where you are. It supports two-way talk, allowing you to communicate with people in front of the camera in real time. Additionally, it includes smart dual light that not only reduce light pollution, but also intelligently turn on when they are triggered by an event to assist the camera with capturing clear, full-color videos.



5MP

Clear images with sharp details



Sound and Light Alarm

Provides instant alarms to deter intruders



Smart Dual Light

Captures color details for post-event review



Auto Tracking

Automatic tracking of targets



AI Human Detection

Focuses on what matters and reduces false alarms



AI Vehicle Detection

Focuses on what matters and reduces false alarms



IP66 Protection

Withstands harsh environments



Two-way Talk

Communication anytime, anywhere



H.265

Advanced H.265 compression technology



Bluetooth Pairing

Fast pairing with Bluetooth



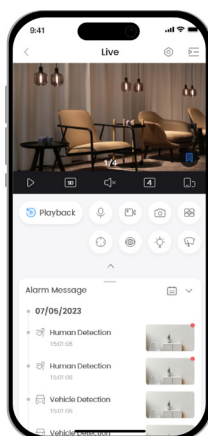
Wi-Fi 6

Seamless integration of speed and anti-interference



Supports Micro SD Card

Low-cost storage



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

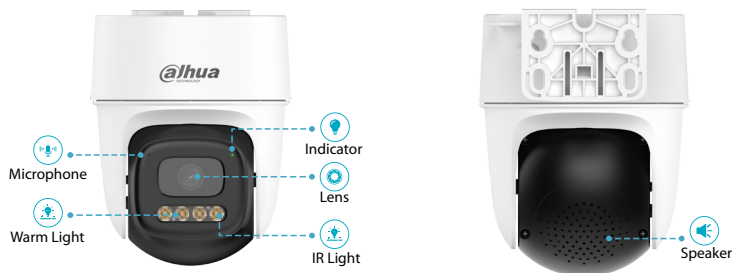
Accurate and timely



High Security

Stay secure with all data encrypted





Specifications

Camera

Image Sensor	1/3.2" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Up to 30 m (98.43 ft) (Warm light) Up to 30 m (98.43 ft) (IR)
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	Pan: 0°–350° Tilt: 0°–90°
Lens Type	Fixed-focal
Focal Length	2.8 mm; 3.6 mm
Max. Aperture	F2.0
Field of View	2.8 mm: H: 95°; V: 53°; D: 110° 3.6 mm: H: 68°; V: 38°; D: 79°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2880 × 1620@(1–15 fps) sub stream: 640 × 360@(1–15 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: 32 kbps–6144 kbps
Day/Night	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; G.726

Network

Network Port	RJ-45 (10/100 Base-T)
Wi-Fi	IEEE 802.11b/g/n/ax 2.4 G, EIRP≤20 dBm@2400–2483.5 MHz (CE)
Wi-Fi Pairing	Bluetooth pairing
Storage	Micro SD card (support max. 256 GB)
Management Software	Smart PSS Lite; 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 (±30%)
Power Consumption	Basic: 2.2 W (12 VDC); Max.: 11.3 W (12 VDC) (warm light intensity + sound and light alarm)
Operating Temperature	–30 °C to +50 °C (–22 °F to +122 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66
Camera Button	Reset Button
Casing Material	Plastic
Product Dimensions	136 mm × 105 mm × 135 mm (5.35" × 4.13" × 5.31") (L × W × H)
Net Weight	336 g (0.74 lb)

What's in the box

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

