



5MP+5MP Fixed-focal Wi-Fi Dual-Lens
Pan & Tilt Network Camera

HERO A63 DUAL 3K



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.



Dual 3K

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



Dual-Band Wi-Fi 6

The perfect 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



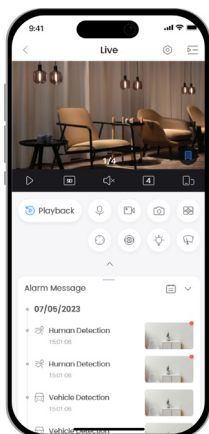
Micro SD Card

Low-cost storage



Bluetooth Pairing

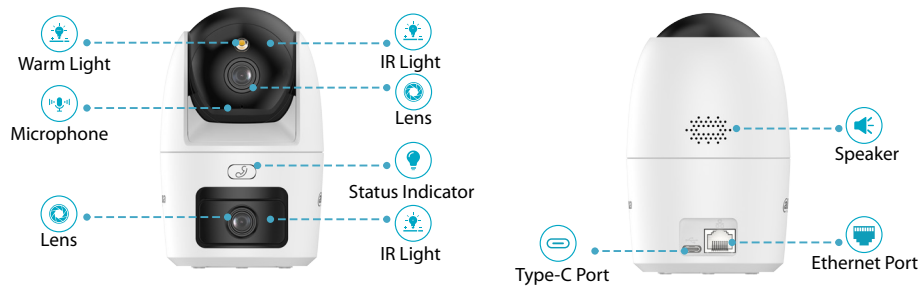
Fast pairing with Bluetooth



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.





Specifications

Camera (2.8 mm+6 mm)

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (Warm light)
Illuminator Number	4 (IR LED); 1 (Warm light)
Angle Adjustment	Pan: 0° to 349° Tilt: -5° to 90°
Lens Type	Fixed-focal
Focal Length	Channel 1 (PT Lens): 6 mm Channel 2 (Fixed Lens): 2.8 mm
Max. Aperture	Channel 1 (PT Lens): F1.6 Channel 2 (Fixed Lens): F2.0
Field of View	Channel 1 (PT Lens): H: 49°; V: 26°; D: 57° Channel 2 (Fixed Lens): H: 88°; V: 48°; D: 104°

Camera (3.6 mm+3.6 mm)

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (Warm light)
Illuminator Number	4 (IR LED); 1 (Warm light)
Angle Adjustment	Pan: 0° to 349° Tilt: -5° to 90°
Lens Type	Fixed-focal
Focal Length	3.6 mm
Max. Aperture	F2.0
Field of View	H: 86°; V: 46°; D: 104°

Intelligence

Human Detection	Yes
Pet Detection	Yes

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2880 × 1620@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: 768 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; AAC-LC

Network

Network Port	RJ-45 (10/100 Base-T)
Wi-Fi	IEEE 802.11a/b/g/n/ac/ax 2.412–2.472 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	Android;iOS

Function

Abnormal Sound Alarm	Yes
Privacy Mode	Yes

General

Certifications	CE
Power Supply	5 VDC
Power Consumption	Basic: 2.5 W; Max.: 5.4 W (pulling stream+ IR + PT rotation)
Operating Temperature	–10 °C to +45 °C (+14 °F to +113 °F)
Operating Humidity	≤95% (RH), non-condensing
Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.
Casing Material	Plastic
Product Dimensions	Φ81.9 mm × 130.2 mm (Φ3.22" × 5.13")
Net Weight	253 g (0.56 lb)

What's in the box

 × 1	Tools:	Documents:	Power:
	 Installation Position Map×1	 Quick Start Guidex1	 Power Adapter×1
	 Screw Package×1	 Legal and regulation information×1	 Power Cord×1
	 Bracket×1		

