



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

PICOO D63 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



Dual-lens, Double Vision

One camera, double the protection



Linkage Tracking (2.8mm+6mm only)

Coordinated fixed lens and PT lens monitoring ensures complete vigilance in security



Dual Channel Smart Detection

Smart detection for both lenses to focus on what matters



AI Human Detection

Focuses on what matters and reduces false alarms



AI Vehicle Detection

Focuses on what matters and reduces false alarms



Tap and View (2.8mm+6mm only)

Tap anywhere on the close-up view in the App, and the PT lens will



IP66 Protection

Withstands harsh environments



Auto Tracking

Automatic tracking of targets



Sound and Light Alarm

Provides instant alarms to deter intruders



Smart Dual Light

Captures color details for post-event review



Micro SD Card

Low-cost storage



Bluetooth Pairing

Fast pairing with Bluetooth



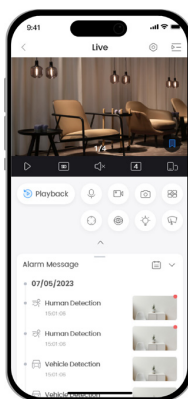
Wi-Fi 6

The perfect integration of speed and anti-interference



H.265

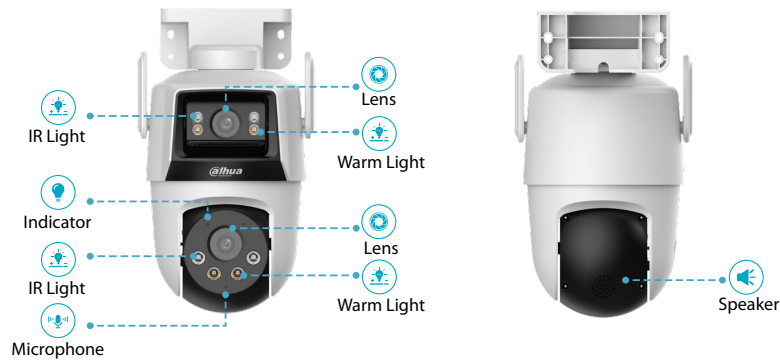
Advanced H.265 Compression Technology



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	Fixed Lens: 30 m (98.43 ft) (IR); 20 m (65.62 ft) (Warm light) PT Lens: 50 m (164.04 ft) (IR); 40 m (131.23 ft) (Warm light)
Illuminator Number	4 (IR LED); 4 (Warm light)
Angle Adjustment	Pan: 0° to 352°; Tilt: 0° to 90°
Lens Type	Fixed-focal
Focal Length	Fixed Lens: 2.8 mm PT Lens: 6 mm
Max. Aperture	F1.6
Field of View	Fixed Lens: H: 95°; V: 53°; D: 110° PT Lens: H: 49°; V: 26°; D: 57°

Camera (3.6 mm+3.6 mm)

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Fixed Lens: 30 m (98.43 ft) (IR); 20 m (65.62 ft) (Warm light) PT Lens: 50 m (164.04 ft) (IR); 40 m (131.23 ft) (Warm light)
Illuminator Number	4 (IR LED); 4 (Warm light)
Angle Adjustment	Pan: 0° to 352°; Tilt: 0° to 90°
Lens Type	Fixed-focal
Focal Length	3.6 mm
Max. Aperture	F1.6
Field of View	H: 78°; V: 42°; D: 92°



Intelligence

Human Detection	Yes
Vehicle 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 802.11b/g/n/ax 2.412–2.472 GHz, 2.4 G
Wi-Fi Pairing	Bluetooth pairing
Storage	Micro SD card (support max. 256 GB)

Management Software	DMSS
Mobile Client	Android;iOS

General

Certifications	CE
Power Supply	12 VDC
Power Consumption	Basic: 2.6 W Max.: 10.6 W (pulling stream+ IR + siren and light active deterrence)
Operating Temperature	–30 °C to +50 °C (–22 °F to +122 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66
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	159.4 mm × 119.1 mm × 210 mm (6.28" × 4.69" × 8.27") (L × W × H)
Net Weight	585 g (1.29 lb)

What's in the box

 × 1	Tools:  Position Map×1  Screw Package×1  Waterproof Connector×1	Documents:  Quick Start Guidex1  Legal and regulation information×1	Power:  Power Adapter×1
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