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

DH-P5B-PV



Series Overview

The Picoo 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. It also can record full-color videos and information of key events using Smart Dual Illuminators, effectively reducing light pollution.

5MP
Clear images with sharp details

Smart Dual Light
Captures color details for post-event review

One Camera for 360° View
360° monitoring without blind spots

Sound and Light Alarm
Provides instant alarms to deter intruders

AI Human Detection
Focuses on what matters and reduces false alarms

AI Vehicle Detection
Focuses on what matters and reduces false alarms

Preset Patrol
Guards the places that matter to you regularly

Auto Tracking
Automatic tracking of targets

Abnormal Sound Alarm
Detects abnormal sounds and sends alarms in time

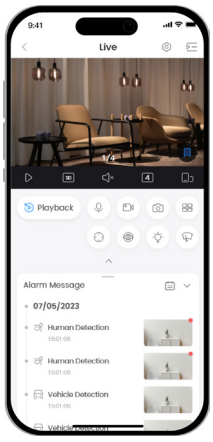
IP66 Protection
Withstands harsh environments

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

Bluetooth Pairing
Fast pairing with Bluetooth

H.265
Advanced H.265 compression technology

Micro SD Card
Low-cost storage

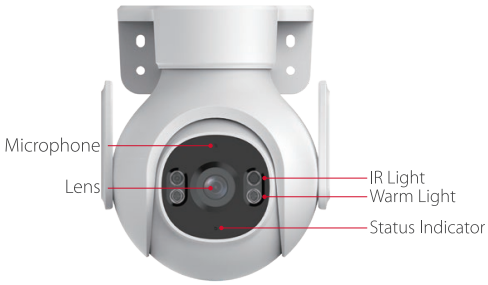


Upgrade Your Experience with DMSS

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

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Illumination Distance	Up to 30 m (98.43 ft) (IR); Up to 30 m (98.43 ft) (Warm Light)
Illuminator On/Off Control	Auto
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	Pan: 0°–355°; Tilt: 0°–90°

Lens

Max. Aperture	F1.6
Field of View	H: 78°; V: 40°; D: 93°

Intelligence

Vehicle Detection	Yes
Human Detection	Yes

Video

Video Compression	H.265
Video Frame Rate	Main stream: 2880 × 1620@(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.
Resolution	5M (2880 × 1620); nHD (640 × 360)
Video Bit Rate	H.265: 80 kbps–4096 kbps
Day/Night	Auto(ICR)/Color/B/W
WDR	DWDR
Motion Detection	Yes
Smart Illumination	Yes
Image Rotation	0°/180°

Audio

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 2.412-2.472 GHz, 2.4 G
Storage	Micro SD card (up to 256 GB)
Management Software	DMSS
Mobile Client	iOS;Android

Certification

Certifications	CE

Power

Power Supply	12 VDC, 1 A
Power Consumption	Basic: 1.68 W Max.: 4.56 W (H.265+warm light on)

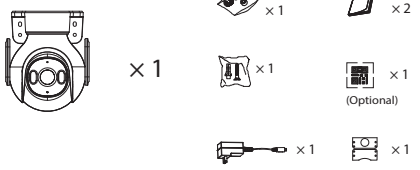
Environment

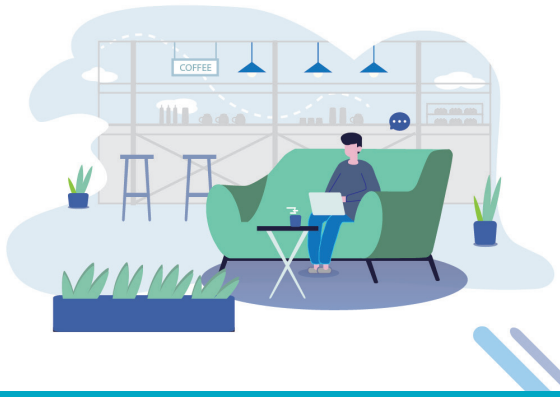
Operating Temperature	–20 °C to +50 °C (–4 °F to +122 °F)
Operating Humidity	≤95%

Structure

Casing Material	Plastic
Product Dimensions	116 mm × 138 mm × 139 mm (4.57" × 5.43" × 5.47") (L × W × H)
Net Weight	425 g (0.94 lb)

What's in the box





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