



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

DH-P5X



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.



5MP

Clear images with sharp details



Sound and Light Alarm

Provides instant alarms to deter intruders



Red and Blue Warning Light

Stronger deterrent to repel potential intruders



AI Human Detection

Focuses on what matters and reduces false alarms



AI Vehicle Detection

Focuses on what matters and reduces false alarms



Auto Tracking

Automatic tracking of targets



One Camera for 360° View

360° monitoring without blind spots



Preset Patrol

Guards the places that matter to you regularly



IP66 Protection

Withstands harsh environments



Smart Dual Light

Captures color details for post-event review



Bluetooth Pairing

Fast pairing with Bluetooth



Wi-Fi 6

Seamless integration of speed and anti-interference



Supports Micro SD Card

Low-cost storage



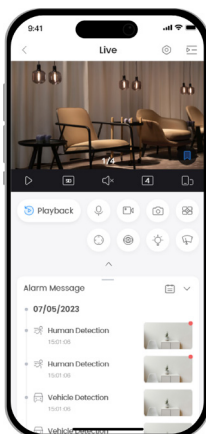
Two-way Talk

Communication anytime, anywhere



DMSS App

Easy to use



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

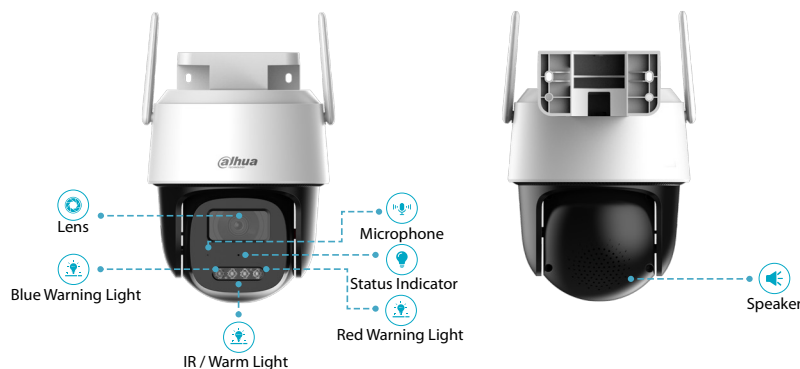
Accurate and timely



High Security

Stay secure with all data encrypted





Specifications

Camera

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Min. Illumination	0.01 lux@F1.6 (Color, 30 IRE) 0.001 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (Warm light)
Illuminator Number	2 (Multi-core (IR + warm) light)
Angle Adjustment	Pan: 0° to 350° 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; H.264; H.264H; H.264B
Video Frame Rate	Main stream: 2880 × 1620@(1–25/30 fps) Sub stream: 640 × 360@(1–25 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.264: 12 kbps–4096 kbps H.265: 32 kbps–4096 kbps
Day/Night	Auto(ICR)/Color/B/W
WDR	DWDR
Motion Detection	Yes
Built-in MIC	Yes, built-in Mic

Built-in Speaker	Yes, built-in speaker
Audio Compression	G.711a; G.711Mu; PCM

Network

Network Port	RJ-45 (10 Base-T/100 Base-T)
Wi-Fi	IEEE 802.11b/g/n/a/ac/ax 2.4 G & 5 G, EIRP≤20 dBm@2400–2483.5 MHz (CE), EIRP≤23 dBm@5150–5250 MHz (CE), EIRP≤20 dBm@5250–5350 MHz (CE), EIRP≤27 dBm@5470–5725 MHz (CE), EIRP≤14 dBm@5725–5875 MHz (CE)
Wi-Fi Pairing	Bluetooth pairing
Storage	Micro SD card (supports max 512 GB); Dahua Cloud
Management Software	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: 2.3 W (12 VDC) Max (Illuminator intensity + red and blue warning light + speaker + PTZ motor + Wi-Fi streaming on): 10.8 W (12 VDC)
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.
Camera Button	Reset Button
Casing Material	Plastic
Product Dimensions	141.6 mm × 172.7 mm × 182.4 mm (5.57" × 6.80" × 7.18") (L × W × H)
Net Weight	0.6 kg (1.32 lb)

What's in the box

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