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

Available on the App Store

GET IT ON Google play



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-Te/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)

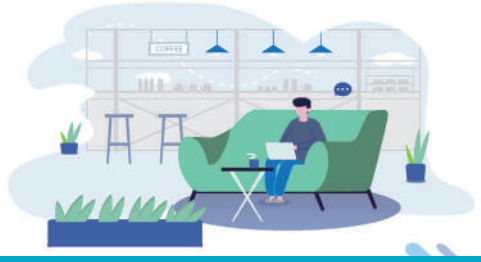
What's in the box

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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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