4MP 4G Pan & Tilt Network Camera Solar Monitoring System

DH-KIT/IPC-PT2449B1-4GB20/M0508



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.

4MP
Clear images with sharp details

All-in-One Design
Self-powered and networked, with no extra wiring required

Long-lasting Power, Non-stop Protection
Uninterrupted operations through battery and solar charging

AI Precise Detection with Quick Wake Up
Accurate human and vehicle detection with instant alerts

AOV (Always-On Video) Mode
24/7 protection with all-day recording and ultra-low power consumption

Sound and Light Alarm
Provides instant alarms to deter intruders

Two-way Talk
Communication anytime, anywhere

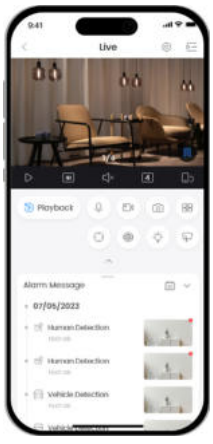
4G Connection
Expands your connectivity with 4G

Smart Dual Light
Captures color details for post-event review

IP66 Protection
Withstands harsh environments

Supports Micro SD Card
Low-cost storage

DMSS App
Easy to use



Upgrade Your Experience with DMSS

Intuitive AIoT app for individual security

Remote Management
Live view and recording history

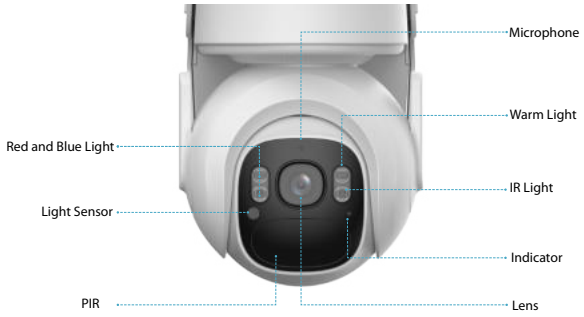
Easy sharing
Safer device sharing with family and friends

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	2560 (H) × 1440 (V)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 20 m (65.62 ft) (Warm light)
Illuminator Number	1 (Warm light); 1 (IR light); 1 pairs (Red and blue alarm light)
Angle Adjustment	Pan: 0° to 360° Tilt:-60 °to 0° Rotation: 0° to 360°
PIR Sensor Distance	12 m (the height of device is 2.5 m, placed horizontally); 8 m (the height of the device is 2 m, placed at an angle of 30° from the horizontal)
Lens Type	Fixed-focal
Focal Length	3.6 mm
Max. Aperture	F1.6
Field of View	H: 78.4°; V: 42.4°; D: 92.4°

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2560 × 1440@(1–15 fps) sub stream: 640 × 360@(1–15 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: 32 kbps–4096 kbps
Day/Night	Auto(ICR)/Color/B/W
WDR	Yes
Motion Detection	OFF/ON (4 areas, rectangular)
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)
Carrier Network System	(-EAU): FDD-LTE: B1/B3/B5/B7/B8/B20/B28; Applicable regions: Europe, Middle East, Africa Power class 3: 23dBm ±2.7dB (-LA): FDD-LTE: B2/B3/B4/B5/B7/B8/B28/B66; Applicable regions: Latin America Power class 3: 23dBm ±2.7dB
Management Software	DMSS; DSS Pro
Mobile Client	iOS; Android

General

Certifications	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; CE-RED: Radio Equipment Directive 2014/53/EU
Power Supply	Built in 68Wh lithium battery Comes with 8 W solar panel Charging: USB Type-C
Power Consumption	Ultra power saving mode: 0.04 W Power saving mode: 0.041 W AOV mode: 0.197 W Performance mode: 1.2 W
Operating Temperature	–20 °C to +60 °C (–4 °F to +140 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66
Casing Material	Plastic
Product Dimensions	284 mm × 172 mm × 360 mm (11.57" × 6.77" × 14.17") (L × W × H)
Net Weight	1055 g (2.33 lb)

Battery

Battery Capacity	68 Wh

What's in the box



×1

Tools:


Position Map × 2


Bracket × 2


Screw Package × 2


Waterproof Connector × 1


Wrench × 1

Documents:

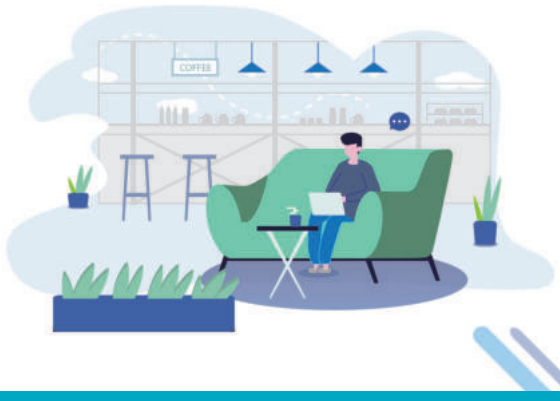

Quick Start Guide × 1


Legal and regulation information × 1

Power:


Solar Module × 1

Power Cable × 1



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