4G Solar Security System

APOLLO BP3EW-4G



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.

3MP
Clear images with sharp details

WizColor
Captures full-color details

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

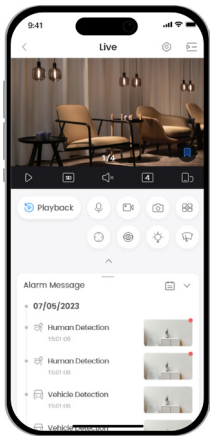
4G Connection
Expands your connectivity with 4G

H.265
Advanced H.265 compression technology

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	1/2.9" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	Up to 20 m (65.62 ft) (Warm light)
Illuminator Number	4 (Warm light)
Angle Adjustment	Pan: 0° to 350° Tilt: 0° to 90°
Lens Type	Fixed-focal
Focal Length	3.6 mm
Max. Aperture	F1.0
Field of View	H: 81°; V: 44°; D: 95°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2304 × 1296@(1–15 fps)
Video Bit Rate	H.265: 32 kbps–4096 kbps
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; G.711Mu; PCM

Network

Network Port	RJ-45 (10/100 Base-T)
Carrier Network System	FDD-LTE: B1/B3/B5/B7/B8/B20/B28 TDD-LTE: B38/B40/B41 4G: Power class3: 23 dBm±2.7 dB
Storage	Micro SD card (support max 512 GB)
Management Software	DMSS
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	USB (5 VDC±5%, 2 A)
Power Consumption	Performance Mode: 1.22 W AOV Mode: 0.08 W Ultra Power Saving Mode: 0.008 W
Operating Temperature	–20 °C to +50 °C (–4 °F to +122 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66
Camera Button	Reset Button;Power Button
Casing Material	Plastic
Product Dimensions	179.3 mm × 144.6 mm × 268.8 mm (7.06" × 5.69" × 10.58") (L × W × H)
Net Weight	0.76 kg (1.68 lb)

Battery

Battery Capacity	10000 mAh / 36 Wh
Operating Temperature	Charge: 0 °C to +50 °C (+32 °F to +122 °F) Discharge: –20 °C to +60 °C (–4 °F to +140 °F)

Solar Module

Max. Power	8W
Cell Type	Monocrystalline silicon

What's in the box

× 1

Tools:
- Position Map × 2
- Bracket × 2
- Screw Package × 2
- Waterproof Connector × 1

Documents:
- Quick Start Guide × 1
- Legal and regulation information × 1

Power:
- Solar Module × 1
- Power Cable × 1



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