

4G Solar Security System

APOLLO BP3EW-4GP



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



Full-color

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



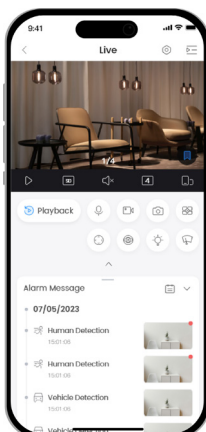
Supports Micro SD Card

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





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)
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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

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

