

## 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



#### 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



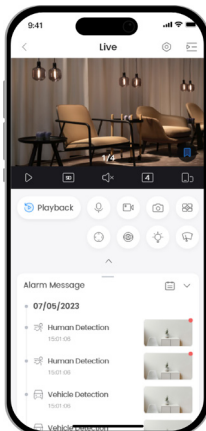
#### Supports Micro SD Card

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)
Carrier Network System	(-EAU/EUR)FDD-LTE: B1/B3/B5/B7/B8/B20/B28 TDD-LTE: B38/B40/B41 4G: Power class3: 23 dBm±2.7 dB Applicable regions: Europe (-LA)FDD-LTE: B2/B3/B4/B5/B7/B8/B28/B66 TDD-LTE: B38/B40/B41 4G: Power class3: 23 dBm±2.7 dB Applicable regions: Latin America

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

