

## 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



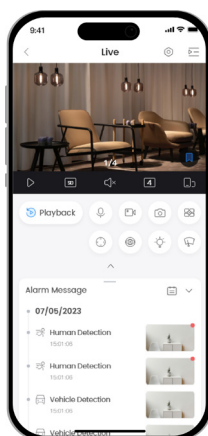
#### Supports Micro SD Card

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





## 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°<br>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

