

4G Solar Security System

APOLLO BP5E-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.



5MP

Clear images with sharp details



Smart Dual Light

Captures color details for post-event review



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



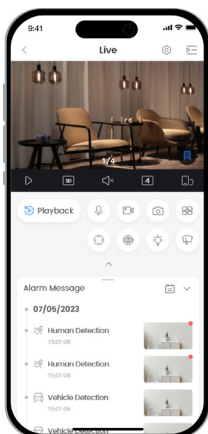
Supports Micro SD Card

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	1/3" CMOS
Max. Resolution	2880(H)x1620(V)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 20 m (65.62 ft) (Warm light)
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	Pan: 0° to 350° Tilt: 0° to 90°
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°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2880 × 1620@ (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: 0.1W Ultra Power Saving Mode: 0.02W
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	162.4 mm × 141.2 mm × 248.8 mm (6.39" × 5.56" × 9.8") (L × W × H)
Net Weight	0.73kg (1.61lb)

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

