

## Wi-Fi Solar Security System

# APOLLO BP3E



### 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



**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



**Smart Dual Light**  
Captures color details for post-event review



**Dual-Band Wi-Fi 6**  
The perfect integration of speed and anti-interference.



**Bluetooth Pairing**  
Fast pairing with Bluetooth



**Supports Micro SD Card**  
Low-cost storage



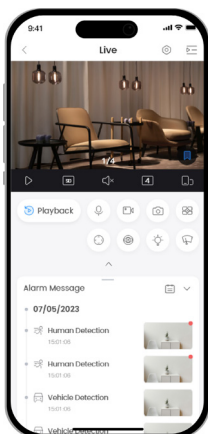
**H.265**  
Advanced H.265 compression technology



**Cold-Weather Charging**  
Cold-weather preheating technology allows battery products to be charged in low-temperature environments.



**IP66 Protection**  
Withstands harsh environments



## 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	2304 (H) × 1296 (V)
Illumination Distance	3.6 mm: 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	3.6 mm: 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: 2304 × 1296@(1–15 fps)
Video Bit Rate	H.265: 32 kbps–4096 kbps
Day/Night	Auto(ICR)/Color/B/W
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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Wi-Fi	IEEE 802.11b/g/n/a/ac/ax 2.4 G & 5 G, EIRP≤20 dBm@2400–2483.5 MHz (CE), EIRP≤23 dBm@5150–5250 MHz (CE), EIRP≤20 dBm@5250–5350 MHz (CE), EIRP≤27 dBm@5470–5725 MHz (CE), EIRP≤14 dBm@5725–5875 MHz (CE)
Wi-Fi Pairing	Bluetooth pairing
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 (0.5 fps): 0.1 W Ultra Power Saving Mode: 0.02 W
Operating Temperature	–20 °C to +50 °C (–4 °F to +122 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66
Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.
Camera Button	Reset Button;Power On/SYNC Button
Casing Material	Plastic
Product Dimensions	162.4 mm × 141.2 mm × 248.8 mm (6.39" × 5.56" × 9.80") (L × W × H)
Net Weight	0.73 kg (1.61 lb)
Battery Capacity	Max 36 Wh
Operating Temperature	Charge: –10 °C to +50 °C (+14 °F to +122 °F) Discharge: –20 °C to +60 °C (–4 °F to +140 °F)

# What's in the box

