

4G Solar Security System

APOLLO BP6X-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.



Dual 2K

Clear images with sharp details



Dual-lens, Double Vision

One camera, double the protection



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



Built-in Dual Mic

Captures clear, multi-directional audio while reducing background noise



4G Connection

Expands your connectivity with 4G



Tap and View (2.8mm+6mm only)

Tap anywhere on the close-up view in the App, and the PT lens will



IP66 Protection

Withstands harsh environments



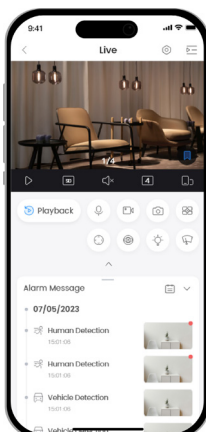
Supports Micro SD Card

Low-cost storage



Smart Dual Light

Captures color details for post-event review



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

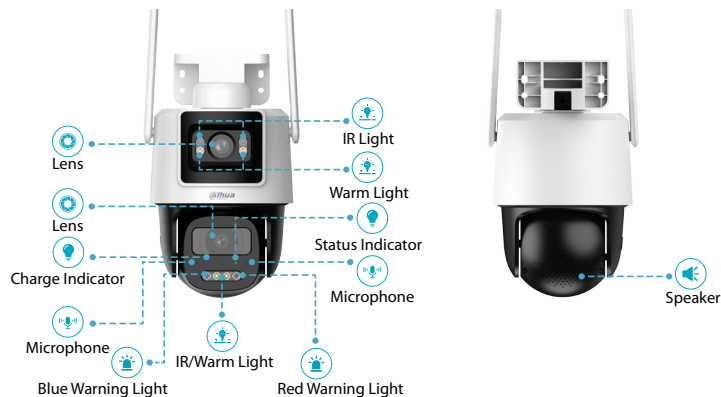
Accurate and timely



High Security

Stay secure with all data encrypted





Specifications

Camera (2.8 mm +6 mm)

Fixed Lens

Image Sensor	1/3" CMOS
Max. Resolution	2304 (H) × 1296 (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	Manual adjustment Pan: 0° to 334° Tilt: 0° to 25°
Lens Type	Fixed-focal
Focal Length	2.8 mm
Max. Aperture	F1.6
Field of View	H: 96°; V: 54°; D: 112°

PT Lens

Image Sensor	1/3" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	Up to 50 m (164.04 ft) (IR) Up to 40 m (131.23 ft) (Warm light)
Illuminator Number	2 (Multi-core (IR + warm) light); 1 pair (Red and blue warning light)
Angle Adjustment	Electrical adjustment Pan: 0° to 350° Tilt: 0° to 90°
Lens Type	Fixed-focal
Focal Length	6 mm
Max. Aperture	F1.6
Field of View	H: 49°; V: 27°; D: 58°

Camera (3.6mm+3.6mm)

Fixed Lens

Image Sensor	1/3" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	Up to 30 m (98.43 f) (IR) Up to 30 m (98.43 f) (Warm light)
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	Manual adjustment Pan: 0° to 334° Tilt: 0° to 25°
Lens Type	Fixed-focal
Focal Length	3.6 mm
Max. Aperture	F1.6
Field of View	H: 79°; V: 43°; D: 94°

PT Lens

Image Sensor	1/3" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	Up to 30 m (98.43 f) (IR) Up to 30 m (98.43 f) (Warm light)
Illuminator Number	2 (Multi-core (IR + warm) light); 1 pair (Red and blue warning light)
Angle Adjustment	Electrical 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: 79°; V: 43°; D: 94°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2304 × 1296@(1–15 fps) *The values above are the max frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
Video Bit Rate	H.265: 12 kbps–4096 kbps
WDR	Yes
Digital Zoom	Yes
Built-in MIC	Yes, built-in dual Mic
Built-in Speaker	Yes, built-in speaker
Audio Compression	G.711a; G.711Mu; PCM; AAC-LC
Built-in Speaker	Yes, built-in speaker
Audio Compression	G.711a; AAC-LC

Network

Network Port	RJ-45 (10/100 Base-T)
Carrier Network System	4G(-EAU/-EUR) FDD-LTE: B2/B3/B4/B5/B7/B8/B28/B66 TDD-LTE: B38/B40/B41 Power class3: 23 dBm±2.7 Db Applicable regions: Latin America;
Storage	Micro SD card (supports max 512 GB)
Management Software	DMSS
Mobile Client	Android;iOS
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: 1578 mW (light off)/2434 mW (IR light on)/5306 mW(light on+PT+Warning light on+Speak on) AOV Mode (0.5 fps): 138 mW (light off)/221 mW ((IR light on) Ultra Power Saving Mode: 69 mW
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 Button
Casing Material	Plastic
Product Dimensions	172.5 mm × 142.7 mm × 276.3 mm (6.79" × 5.62" × 10.88") (L × W × H)
Net Weight	0.94 kg (2.07 lb)

Battery

Battery Capacity	10000 mAh / 36 Wh
Operating Temperature	Charge (-EUR): –20 °C to +50 °C (–4 °F to +122 °F) 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	8 W
Cell Type	Monocrystalline silicon

What's in the box

Tools:		Documents:		Power:	
	× 1		Position Map × 2		Quick Start Guide × 1
	× 2		Bracket × 2		Solar Module × 1
	× 2		Legal and regulation information × 1		Power Cable × 1
	× 1				

