



4MP Fixed-focal Wi-Fi Battery Bullet Network Camera

DH-BF4CP



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.



4MP

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



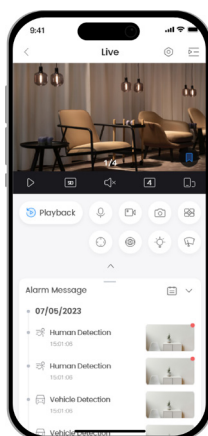
DMSS App

Easy to use



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

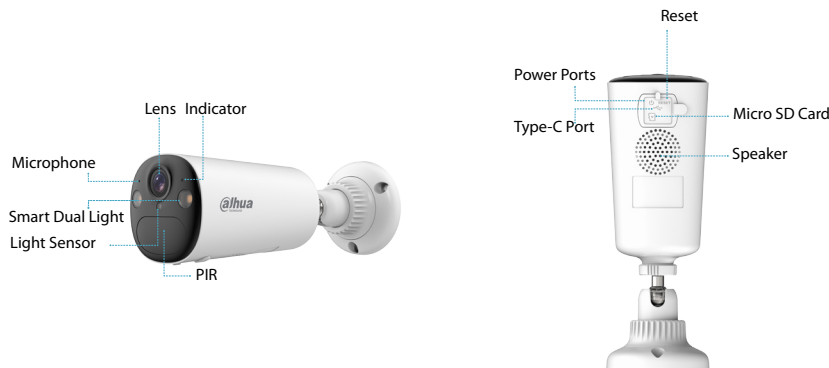
Accurate and timely



High Security

Stay secure with all data encrypted





Specifications

Camera

| | |
|-----------------------|--|
| Image Sensor | 1/3" CMOS |
| Max. Resolution | 2560 (H) × 1440 (V) |
| Illumination Distance | Up to 15 m (49.21 ft) (IR) Up to 20 m (65.62 ft) (Warm light) |
| Illuminator Number | 2 (Multi-core (IR + warm) light) |
| Angle Adjustment | Pan: 0° to 360° Tilt: -60° to 0° Rotation: 0° to 360° |
| PIR Sensor Distance | 12 m (the height of device is 2.5 m, placed horizontally); 8 m (the height of the device is 2 m, placed at an angle of 30° from the horizontal) |
| Lens Type | Fixed-focal |
| Focal Length | 2.1 mm |
| Max. Aperture | F1.6 |
| Field of View | H: 122.5°; V: 66°; D: 144.5° |

Intelligence

| | |
|-------------------|-----|
| Human Detection | Yes |
| Vehicle Detection | Yes |

Audio and Video

| | |
|-------------------|--|
| Video Compression | H.265 |
| Video Frame Rate | Main stream: 2560 × 1440@(1~15 fps) Sub stream: 640 × 360@(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: 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

| | |
|---------------------|--|
| Wi-Fi | IEEE 802.11a/b/g/n/ac/ax 2.412~2.472 GHz, 2.4 G, EIRP≤20 dBm & 5.15~5.25 GHz, 5 G, EIRP≤23 dBm@5150~5250 MHz |
| Wi-Fi Pairing | Bluetooth pairing |
| Storage | Micro SD card (support max. 512 GB) |
| Management Software | DMSS |
| Mobile Client | Android;iOS |

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 | Ultra power saving mode: 0.008 W Power saving mode: 0.008 W AOV mode: 0.2 W Performance mode: 1.22 W |
| Operating Temperature | -20 °C to +60 °C (-4 °F to +140 °F) |
| Operating Humidity | ≤95% (RH), non-condensing |
| Protection | IP66 |
| Camera Button | Reset Button; Power Button |
| Casing Material | Plastic |
| Product Dimensions | 186.5 mm × Φ65.0 mm (7.34" × Φ2.56") |
| Net Weight | 0.33 kg (0.73 lb) |
| Battery | |
| Battery Capacity | 20.44 Wh |

What's in the box

