



APOLLO Bullet Series

BF4C-4G-XL

Wire-free Power, Consistent Protection

4G 



Bullet Network Camera

Wire-free Power, Consistent Protection

4MP

AOV

4G



IPC-BF4CP-4G-XL-Ash/ Pearl



Kit packages are available
(DH-KIT/IPC-BF4CP-4G-XL-Ash/Pearl/M0508)



Long-lasting Power, Non-stop Protection

Built-in rechargeable battery with 8W solar charging

4G

4G Connection

Expands your connectivity with 4G



AI Precise Detection with Quick Wake Up

Incredibly accurate and instant alerts for all detected human and vehicle shapes



AOV(Always-on Video) Mode

24/7 protection with all-day recordings and ultra-low power usage



Sound and Light Alarm

Provides instant alarms to deter intruders



Introduction

01 Pain points

Key Selling Points

01 Multiple options , Multiple Working Modes
02 AOV Mode
03 Flexible Installation Options

Other Functions

01 Super Clear
02 Intelligent Functions
03 Others

Product Information

01 Product Information



Limitation of Power Supply

Struggle with installing cameras in locations without easy access to power outlets.

01



Poor Wi-Fi Signal

Poor Wi-Fi signal caused by the building structure leads to frequent disconnections of devices.

02



Data loss during power outages

Losing critical surveillance data when the power goes out, leaving security compromised.

03



Battery Life vs. 24/7 Recording: A Trade-off

To save power, devices had to use PIR mode, which cannot record 24/7

04



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Expands your connectivity with 4G

Product Features

No Network Cables

4G connectivity breaks distance limitations and eliminates the need for Ethernet cables, simplifying installation by avoiding complex wiring.



4G High-performance Module

With a built-in high-performance 4G mobile network module, the camera can be directly registered to the cloud platform after inserting a 4G SIM card.



Plug & Play Setup

4G Solve Everything



Expands your connectivity with 4G

✓ Poor network coverage

Ideal for rural or isolated areas where Wi-Fi or wired connections are unavailable, providing surveillance in hard-to-reach network locations.

✓ Areas with Wiring Challenges

Optimal for areas with wiring challenges, providing seamless connectivity without the need for complex cable installations.

✓ High Mobility and Temporary Sites

Ideal for construction sites, outdoor events, or temporary monitoring needs, offering flexible placement without relying on existing network infrastructure.

Recommended scenario

street-side shops

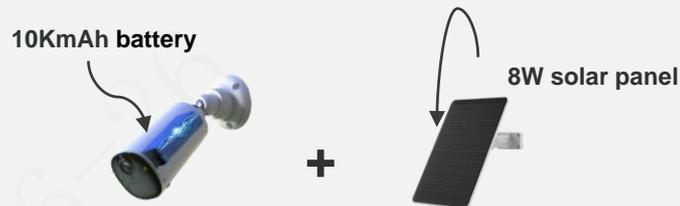
villa gardens

apartment perimeters

Fishpond



Efficient & Sustainable, A Dual Power Solution



The **APOLLO bullet C1** has a built-in battery and can be used with solar panels, offering you multiple options to meet your needs in various scenarios.

Only takes

1 Hour

of direct sunlight can power the camera for a full day(AOV Mode)

Increase

23%

Solar Panel Charging Efficiency than last-gen

Standby

24*365

via Solar Panel + AOV Mode

02 Multiple options , Multiple Working Modes



KIT

Main Power

8W Solar Panel

Recommended Mode

AOV Mode

Main Features

30m Detection distance(daytime)

24/7 recording with ultra-low power consumption

15m Detection distance(nighttime)

Support the detection of human and vehicles

02 Multiple options , Multiple Working Modes



Single Device

1000mAh Built-in Battery

Main Power

Recommended Mode

PIR Mode

Main Features

12m Detection distance

PIR-triggered recording

High accuracy in detecting humans

The problem with the last-gen wire-free cameras



The AOV mode has been optimized to address the pain points of the previous generation of wireless products.

Longer Detection Distance

Powered by high-precision AI algorithms, it can accurately detect **human** and **vehicle** shapes.

In AOV mode, the device can detect a target up to **30 meters** away and quickly switch to high frame rate mode **within three seconds upon detection**, promptly notifying you while reducing false alerts and missed events.

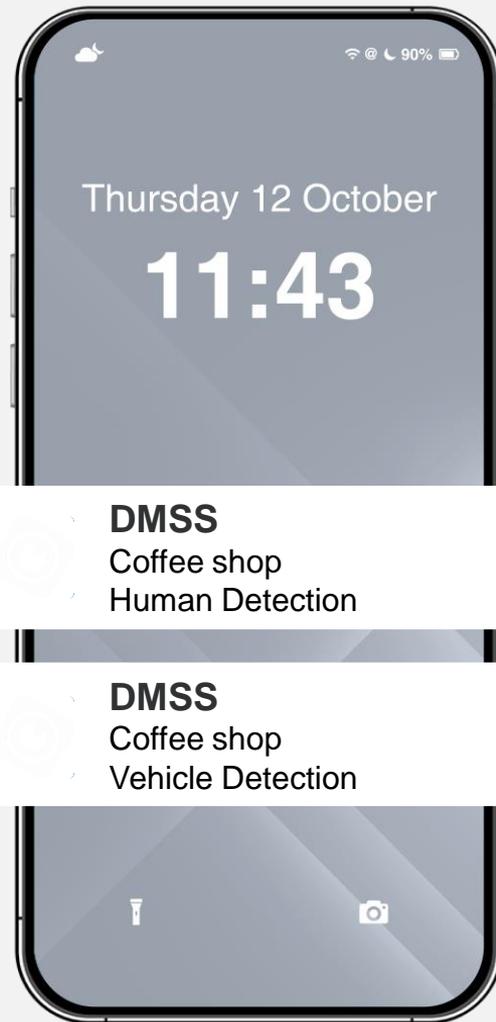
Support:



Human



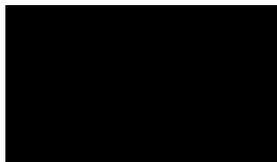
Vehicle



More accurate video recording

Power-saving activates the device only when event happens, which means that power-saving mode only saves the video of the event when it happened, and there is no video before the event.

Where she came from?



Pre-event: no recording

After the event: recording

AOV mode during inactive periods, it records at low frame rate.

Upon event detection, it records at 15fps high frame rate

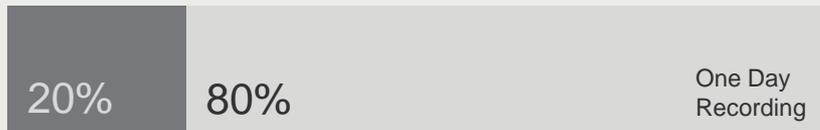


Video

Video

Power-saving Mode

■ Event Recording ■ No Recording



AOV Mode

■ Event Recording ■ Low Frame Rate Recording ■ No Recording





Split design, users can install the equipment and solar panels separately.

&



Manual knob design, users can adjust the Angle of the solar panel according to the actual use situation, in order to achieve the best lighting effect



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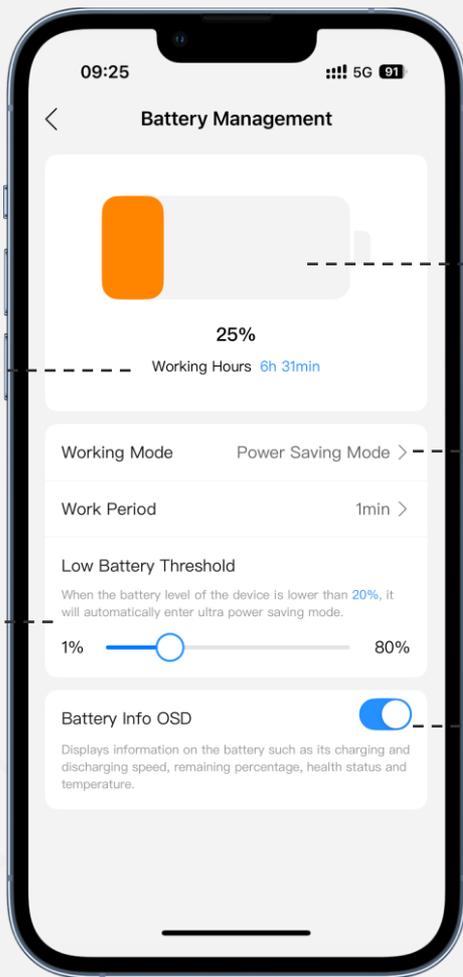
Super Clear Image with More Details

This camera records at **4MP** high-definition resolution, providing clearer and brighter images without missing any details.

Equipped with **122°** field of view, this camera broadens your horizon to include every nuance of your surroundings.

Battery Management

via DMSS



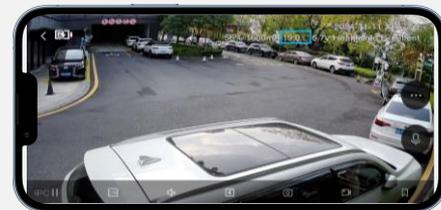
Remaining Battery Percentage

Camera Working Mode

Estimated Usage Time

Battery Temperature

APP pop-up reminder



Compared to the 1st generation, adds battery temperature information for real-time monitoring

Captures Color Details for Post-event Review

With built-in IR light and LED light, the camera can flexibly switch between **three illumination modes** to meet the needs of different scenarios and record color videos and information of key events.

LED light



IR light



Smart illumination



Provides Instant Alarms to Deter Intruders

When an abnormal event is detected, potential intruders are immediately warned with **sound and light to protect your expansive properties.**

You are under surveillance!



Communication Anytime, Anywhere



Convenient for remote communication. You can talk through the **built-in speaker and microphone** and enjoy real-time video through the DMSS app anytime.

OK , I get it !

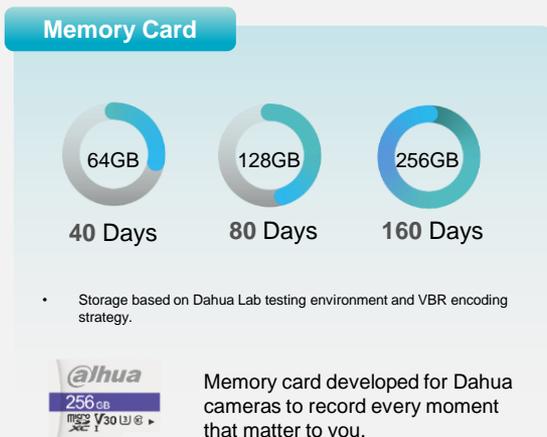
Withstands Harsh Environments

With IP66 weather-resistance capability, it performs well against rain, dust and wind, ensuring stable surveillance 24/7.



Reliable and Advanced Memory Card

Videos are easily stored and accessed through **memory card**.



Take videos no matter the network condition is, and record every moment that matters to you.

- Data transmission speed of up to 100MB/s.
- Supports seamless 4K HD video record and play.

Self-developed algorithm to improve memory card performance.

- Adjusted data read/write capacity to perfectly adapt to the Dahua file system.
- Improved Garbage Collection algorithm to prolong the service life.
- Improved read disturb technology to optimize bad block.

Strict tests to ensure the quality of product and systems.

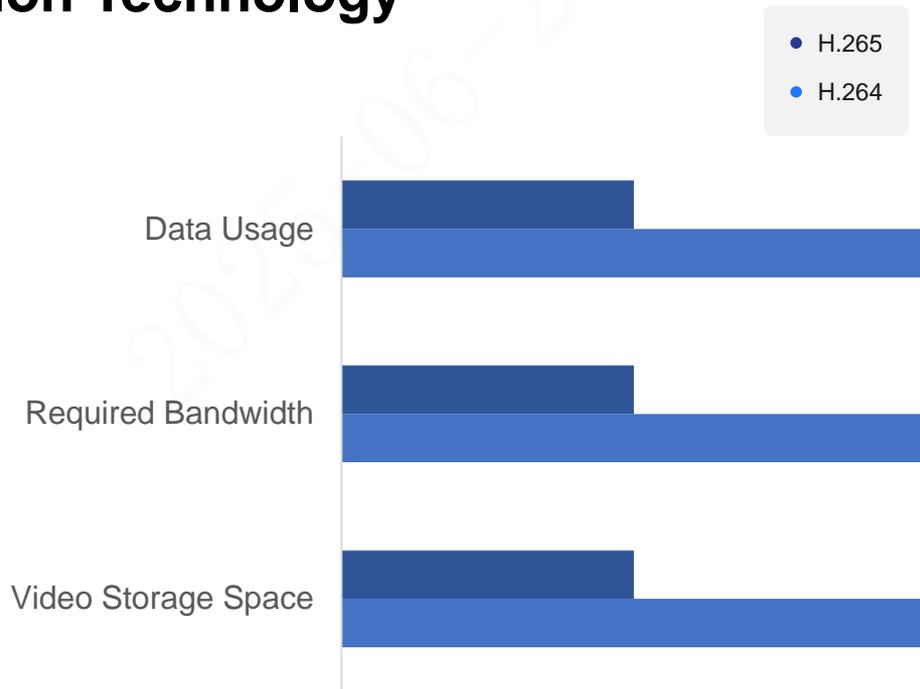
- Memory card performance test, electronic test, write/verify test, burn-in test and data retention test
- **1000** power cycle tests
- **144h** data retention test
- **168h** system compatibility and stability test
- **72h** system test under high and low temperature
- **500** abnormal insertion and removal of memory card tests

***Data based on Dahua tests. In AOV mode, the camera records 30 daily alarms of under 15 seconds each.**

(In AOV Mode, each 10-second trigger event requires 3MB of memory. During inactive periods, 1 minute of recording at 1fps requires 1MB of memory.)

Advanced H.265 Compression Technology

Compared with H.264, the latest **H.265 video compression technology** enables more efficient data usage, making it ideal for 4G products by **significantly reducing data consumption.**



*It consumes 180MB per day in AOV mode, with 10 active wake-ups and 1 minute of video viewing each time.

Making Cyberspace a Safer Place

Dahua network cameras employ a series of security technologies, including **security authentication and authorization, access control protocols, trusted protection, encrypted transmission** and **encrypted storage**. These technologies improve the camera's defense against external cyber threats and prevent malicious programs from compromising the device.



Privacy Protection
for all application
scenarios



Cybersecurity
covering the entire
information system



Data Security
throughout the whole
data lifecycle



Dahua has been awarded by BSI for information security (ISO/IEC 27001), personal data protection (ISO/IEC 27701 and TÜV Rheinland Protected Privacy IoT Service) and more.