



# EB3 4G + Solar Panel 5W

4G Smart Home Battery Camera Kit

## A perfect duo for uninterrupted protection

The EB3 4G Kit is a ready-to-use and reliable security solution, regardless of where it is installed or where there is access to Wi-Fi and electricity. The kit eliminates battery anxiety and operates in a more sustainable way by combining a sleek, bullet-shaped EB3 4G camera with a high-efficiency 5W solar panel. Trust this perfect duo to monitor your property around the clock using EZVIZ AOV technology, while the smart detection features keep an eye out for any activity.



# Key Features

## EB3 4G



Supports 4G Network Connectivity<sup>1</sup>



2K Resolution



Always-On Video Mode



AI-Powered Human / Vehicle Shape Detection



Works with EZVIZ Solar Panels (Type-C versions) for Green Power



5,200 mAh Rechargeable Lithium Battery



Color Night Vision



Two-Way Talk



Active Defense with Siren & Strobe Light



Weatherproof Design



H.265 Video Compression



Smart Integration with Google Assistant & Amazon Alexa<sup>2</sup>

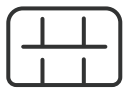


Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage<sup>3</sup>

## Solar Panel 5W



Eco-Friendly & Cost-Saving Solar Power Supply



High Light Absorption with Monocrystalline Silicon Cells



High Charging Efficiency (Up to 5W)



3-Meter Cable for Mounting Flexibility




Weatherproof Design

# Outdoor security made easy and reliable

Struggling with unreliable Wi-Fi and hard-to-reach power for your outdoor camera? The EB3 4G smartly addresses these issues with its large built-in battery and dependable 4G connectivity. Designed to withstand various weather conditions, it ensures a consistent level of protection that can't be easily compromised.

 Supports 4G  
LTE Network<sup>1</sup>

 Weatherproof  
for the Outdoors

 Supports Charging via  
Solar, Green Energy



Family Farms



Vacation Homes



Recreational Vehicles



Large Backyards



Renovation Sites



Warehouses



## Protects wherever a 4G network reaches

As long as your cell phone is capable of receiving cellular data, your EB3 4G should be too. Whether you're on a road trip or spending the night at a campsite, the EB3 4G can travel with you and provide peace of mind in areas where Wi-Fi isn't available.



Nano SIM Card

*Note: The camera only supports the use of a nano SIM card for the network, and does not support Wi-Fi connection. A supported nano SIM card and a cellular data plan are needed to use the camera.*

# The power to protect, now always on

With EZVIZ's innovative AOV technology, the EB3 4G provides a plenty of recordings beyond PIR-triggered events, while managing power consumption much more efficiently.

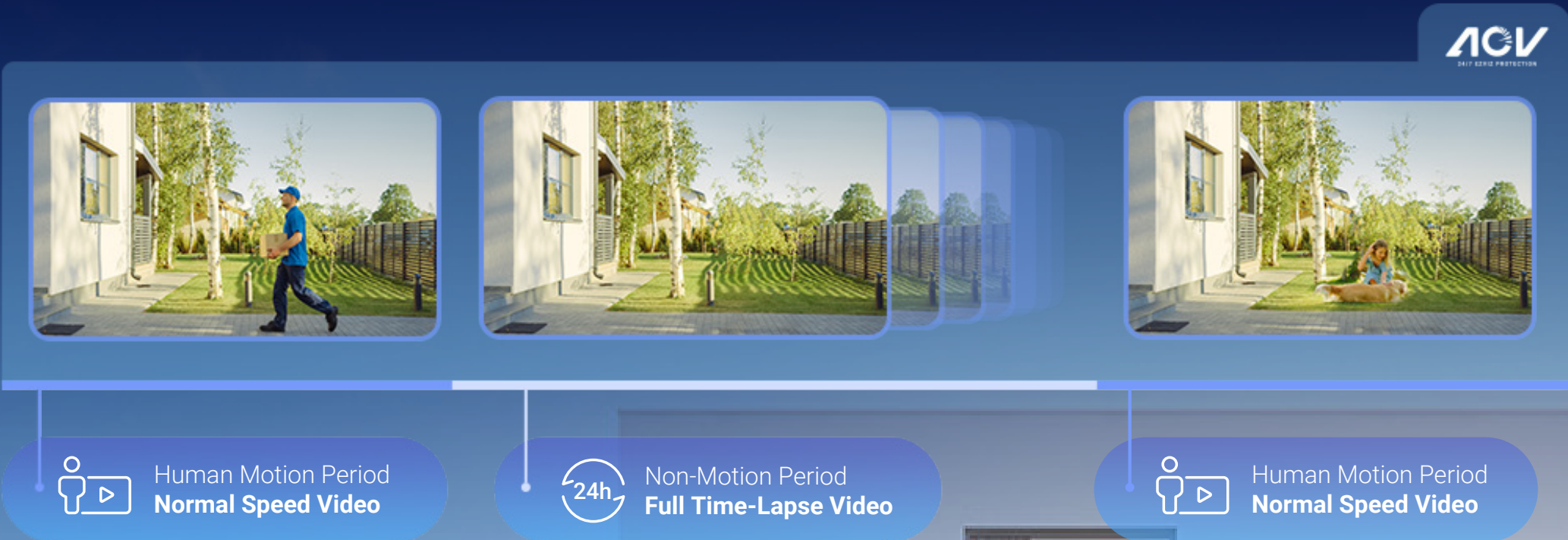
[About the EZVIZ AOV Technology >](#)

## 01 Always records, scenes or events

Want all-day recording video but worry about the battery will run out too quickly? Use the AOV mode. The EB3 4G can connect and process the images captured at preset time intervals to render a continuous time-lapse video that shows you changes in the environment.<sup>4</sup> When an important human activity happens, the camera starts recording a normal video, so you don't miss an important detail.



Wiser Battery Consumption  
for All-Day Recordings



## 02 Always protects, far or near

When the AOV is on, the camera can detect an approaching person or vehicle at a much greater distance. If a person or vehicle appears in the camera, even if they are outside the range of the PIR sensor, the camera will notice that and inform you immediately.



Extended  
Detection Distance





**5W**  
**High Charging**  
**Efficiency**

 **2 hours** ≈  **24 hours**

**5,200 mAh**  
**Large Battery Capacity**

## Non-stop solar power, set-and-forget<sup>6</sup>

The EB3 4G is serious about getting hassle-free. Install its included solar panel at a sunny spot, and connect it to the camera, so the system will take free, green energy to keep the watch around the clock, all by itself. With just two hours of direct sunlight each day, you can enjoy uninterrupted monitoring near your premises.



## Easy and flexible installation

With an adjustable bracket that rotates 360 degrees and a 3-meter cable, the solar panel offers incredible installation flexibility, you can find the best location or angle for optimal sun exposure.

## Smarter detections are unlocked for free

Say goodbye to a long list of annoying alerts that only capture flying insects or falling leaves. The EB3 4G is capable of detecting people and cars in particular, while providing flexible settings for you to customize the detection area and sensitivity. It pushes notifications to your phone when it's truly worthy of your attention.



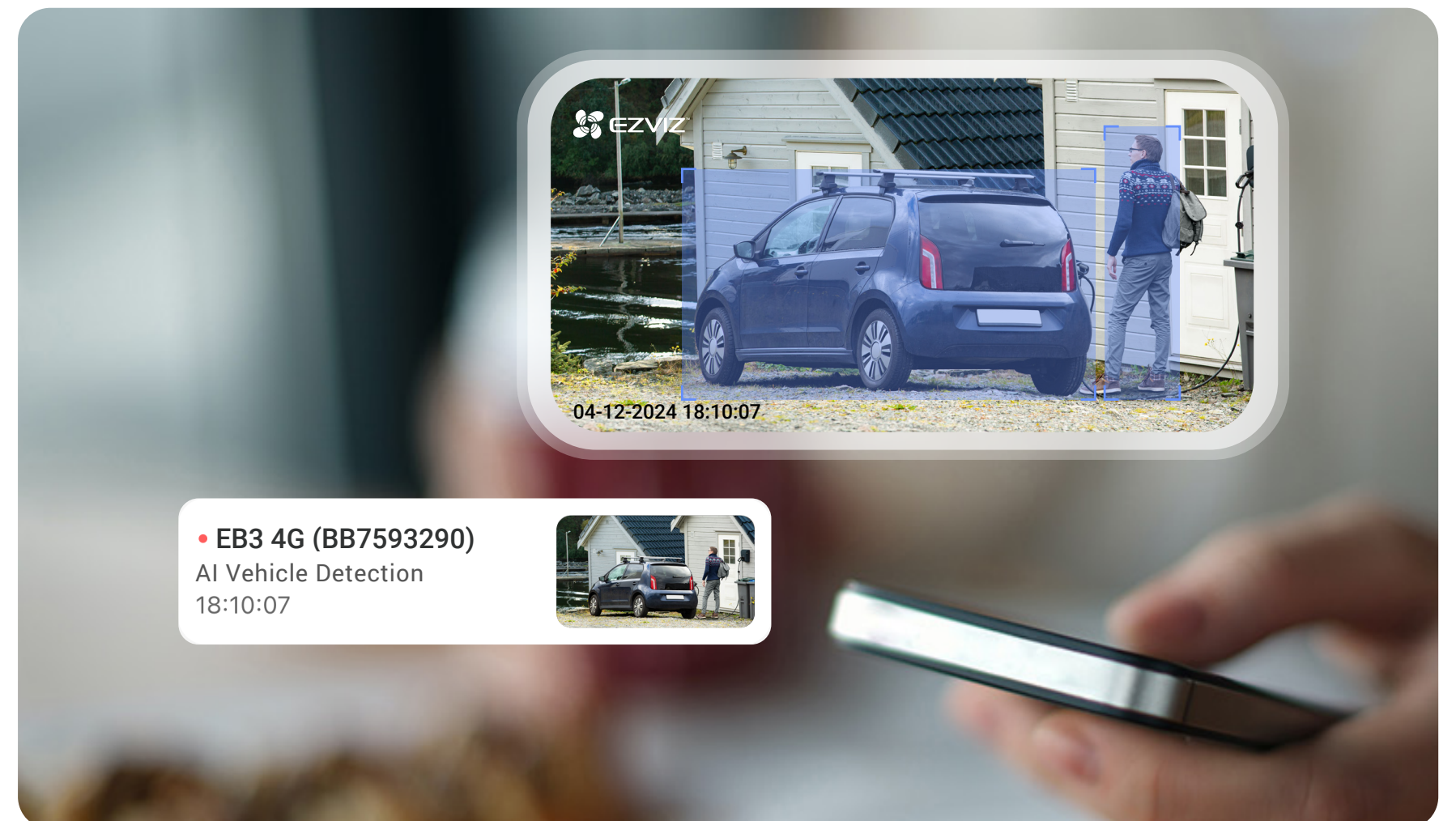
AI-Powered Human Shape Detection



AI-Powered Vehicle Shape Detection

FREE

No Subscription Fee

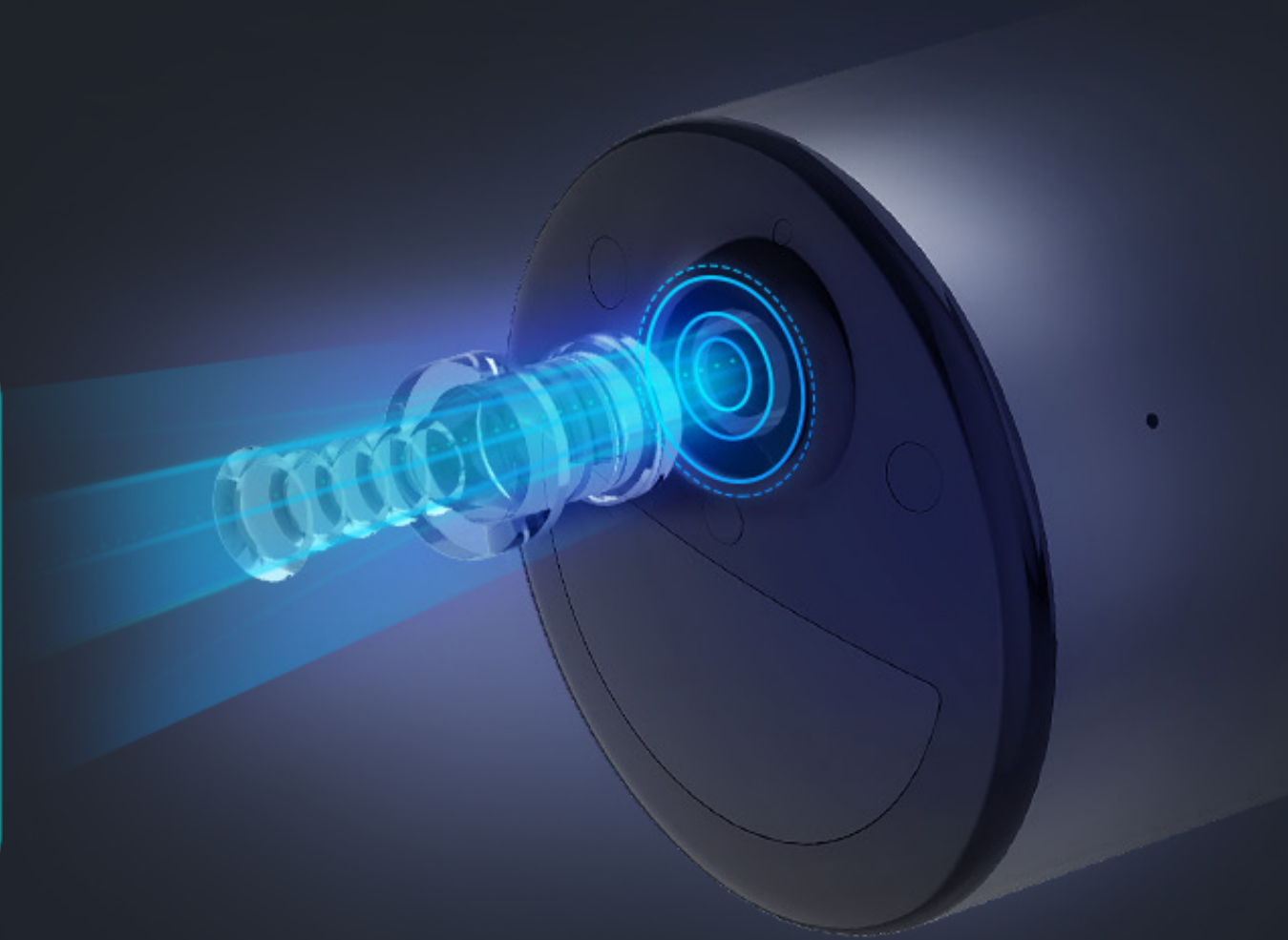


## Stunning detail with 2K resolution

The EZVIZ EB3 4G features crystal-clear 2K resolution to provide advanced detail capturing. It makes sure you never miss a single important moment happening at home.



# Crisp 2K



## Night is now bright and colorful

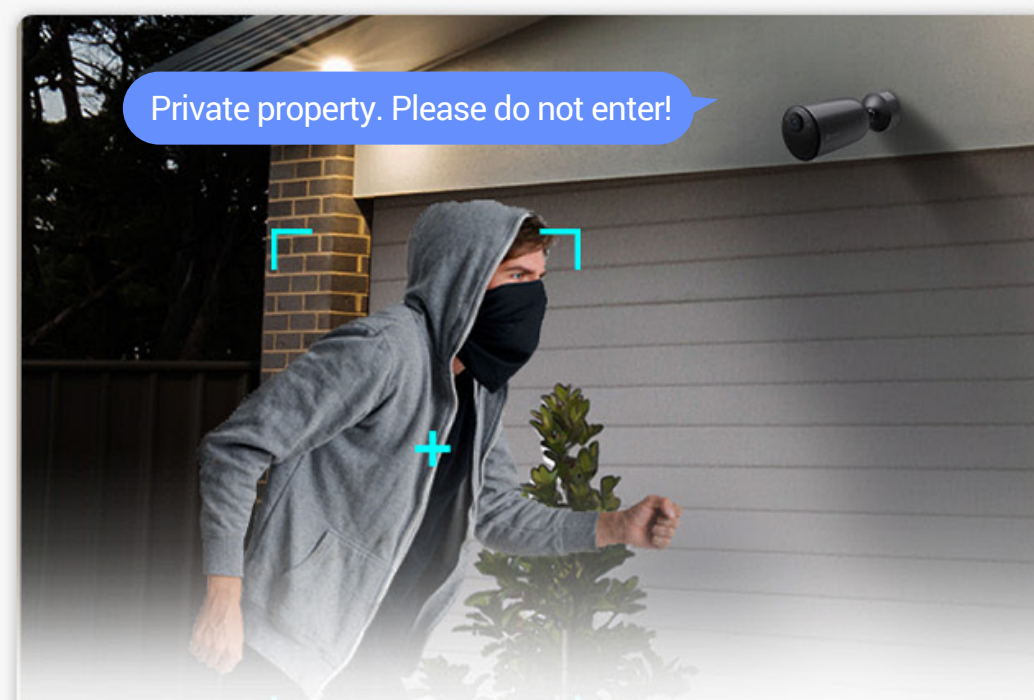
Blurred and pixelated night vision is now a thing of the past. The EB3 4G uses a large F1.6 aperture lens to capture more light when the sun goes down and uses two spotlights to brighten up a completely dark space to render colorful view.



**2 Spotlights** | Full-Color Night Vision

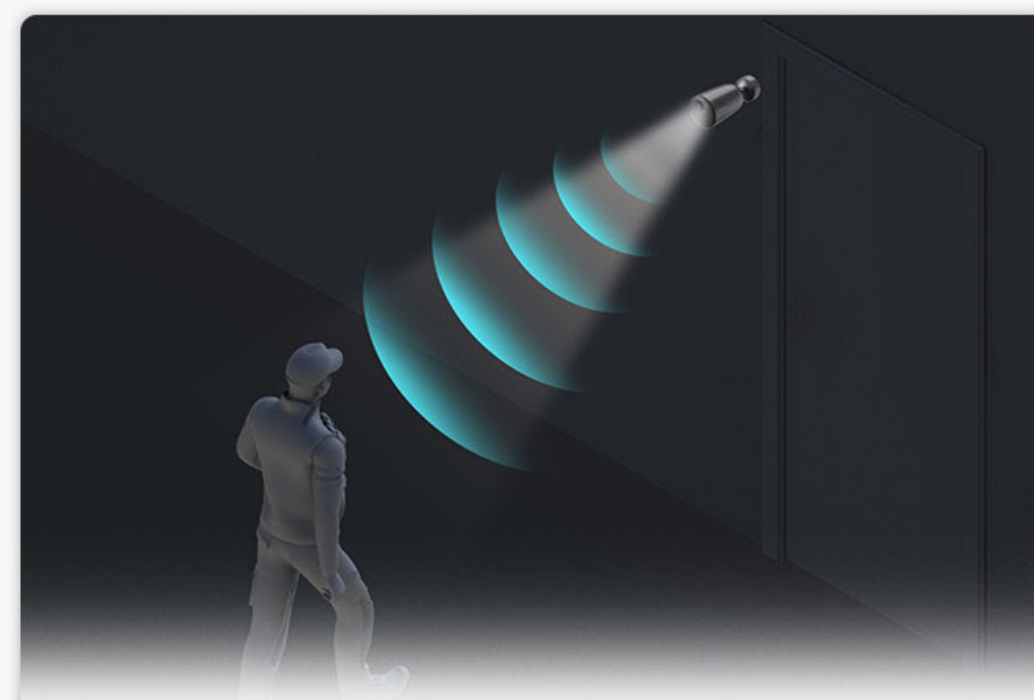


**2 IR Lights** | Black & White Night Vision



### Respond with high-quality audio

Easily respond to any visitor by simply using your phone to speak remotely. The EB3 4G can also auto-play a recorded voice message when a motion is detected.



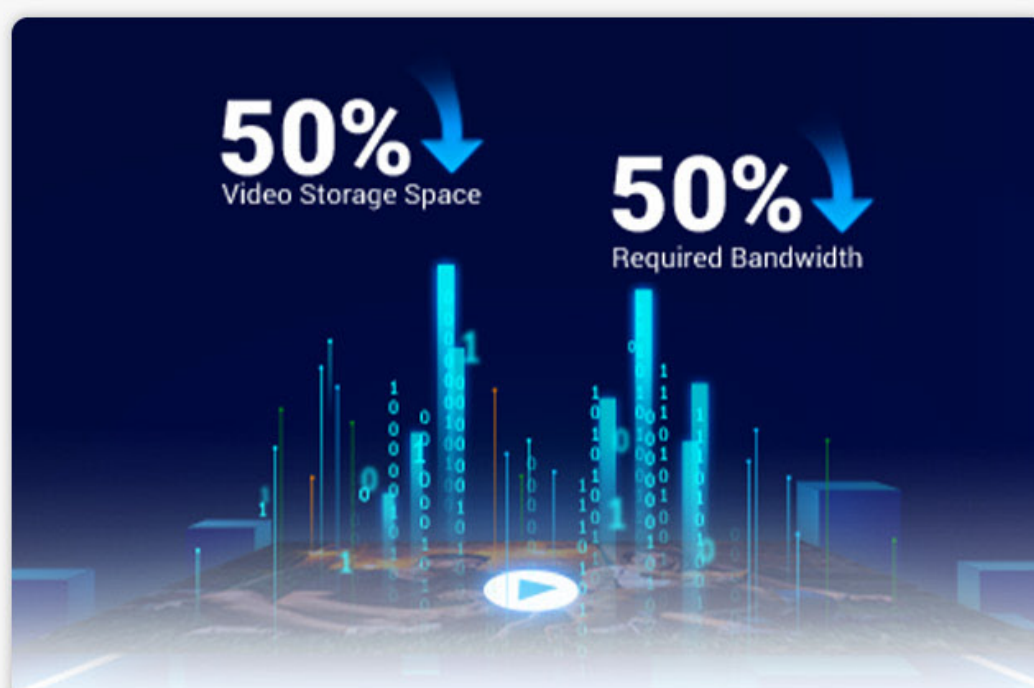
### Use active defense to deter

Upon detection of intruders, the camera will set off a loud siren and flash two dazzling spotlights to let the uninvited strangers know they have been detected.



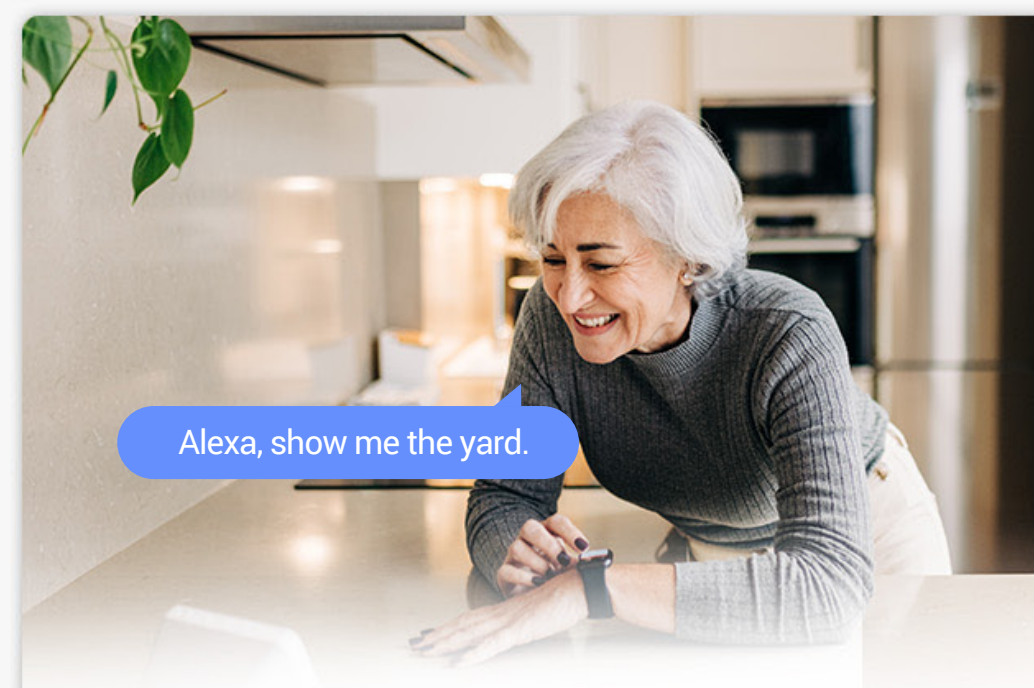
### Deliver protection, rain or shine

With a robust weatherproof design, the EB3 4G Kit ensures continuous operation, making it your reliable partner in all weather scenarios.



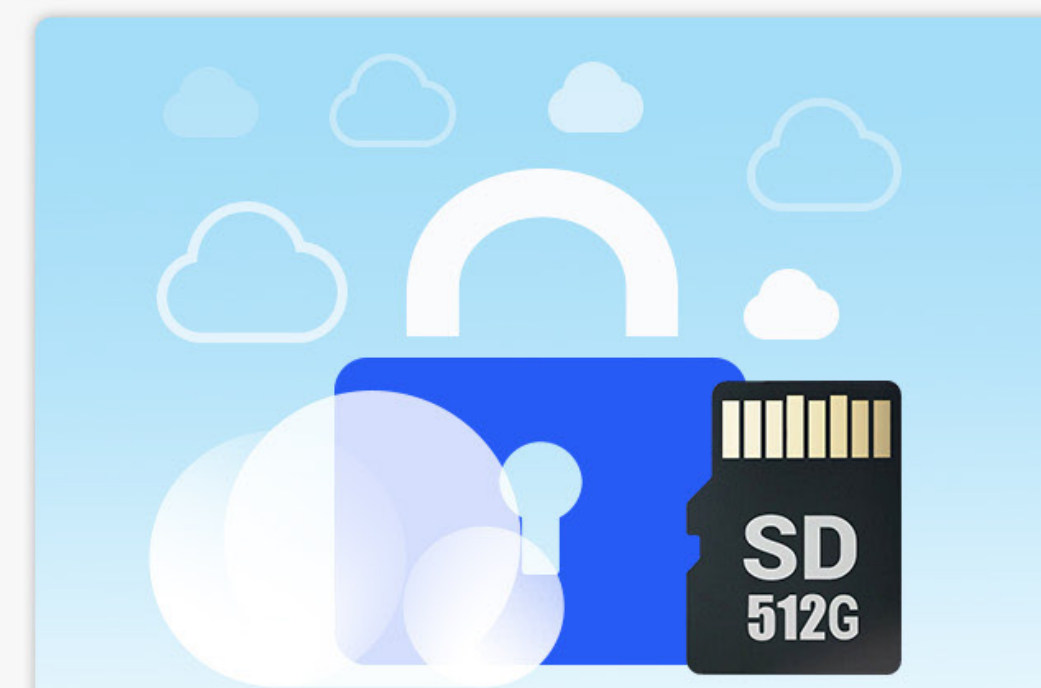
### Enhance video experience with H.265

The H.265 creates a smoother viewing experience while only using about 50% of the data storage space required by cameras with H.264.<sup>7</sup>



### Control with your voice, hands-free

The camera can integrate with your existing voice assistants. You can pull up the video feed by simply saying "Alexa" or "Hey Google".<sup>2</sup>



### Save your videos with two options

Safely store important moments or cute memories on a large local storage card, or by subscribing to the EZVIZ CloudPlay.<sup>3</sup>

# A cleaner planet, with an EZVIZ Green product

At EZVIZ, we design products with sustainability in mind, building a smart home that’s ready for the future and responsible for the planet.  
By integrating the use of solar technology and planting forests, we enable you to live a smart lifestyle with less carbon emissions.



*Reduces carbon emissions generated by a multi-device smart home*

[Learn more >](#)



**Initiative of the Year**



*Grows the EZVIZ Global Forest Plan with locally beneficial tree*

## We’re committed to protecting with trust

We put security as the primary goal of every product and system that we build, and assiduously improve our practices to better protect your device, data and privacy.

[Learn more about our security practices >](#)



**End-to-end  
Data Encryption**

**TLS**

*Data Transmission  
Encryption*

**AES**

*Data Encryption*

Our global certifications in the fields of **information security, privacy information security, and cloud security**



1 Please note that the EB3 4G camera only operates with a 4G network and does not work with a Wi-Fi connection.

2 Amazon Alexa and Google Assistant are not available in certain languages and countries.

3 The local storage card must be purchased separately. The cloud storage service is only available in certain markets. Please verify the availability before making a purchase.

4 To use this function, a compatible microSD card (sold separately) must be inserted into the camera.

5 When the AOV mode is enabled, according to EZVIZ Lab's test results under standard conditions, the EB3 4G is able to detect movements at a distance of up to 25 meters during the day, and up to 12 meters during the nighttime. The actual detection range may differ due to other environmental factors.

6 Data from EZVIZ Lab's test results, under the following standard condition: AM=1.5 , 25°C, 1000W/m<sup>2</sup>, SMQ. The data is obtained based on the camera set on AOV mode and with the AOV interval set as AUTO. The actual charging efficiency may vary depending on sunlight intensity and other environmental factors, while the actual hours of camera use may also differ due to the frequency of camera activities and other environmental factors.

7 Data from EZVIZ Lab's test results under standard conditions. The video compression efficiency will vary with the frequency and complexity of the activity captured, and other environmental factors.

Camera

Image Sensor	1/2.8" 3-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @(F1.6, AGC ON), 0 Lux with IR
Shutter Speed	Self-adaptive shutter
Lens	2.8 mm@ F1.6    Diagonal angle: 130° Horizontal angle: 108°    Vertical angle: 56°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	IR Distance: 15 m, Color Night Vision Distance: 15 m

Video & Audio

Max Resolution	2K (2304 × 1296)
Frame Rate	Max. 15 fps; Self-adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Quad-HD; Full HD; Hi-Def; Adaptive bit rate
Audio Bit Rate	Self-adaptive
Max. Bitrate	1.5 Mbps

Network

Bluetooth	Supports
Frequency Bands	IN LTE-FDD: B1/B3/B5/B8 IN LTE-TDD: B34/B38/B39/B40/B41 EU LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LA LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66

Function

Smart Alarm	AI-powered human shape detection AI-powered vehicle shape detection
Two-Way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Storage

Local Storage	Supports microSD card (Up to 512 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage (Subscription required)

General

Operating Conditions	-20 °C to 50 °C (-4 °F to 122 °F), Humidity 95% or less (non-condensing)
IP Grade	IP65
Power Supply	DC 5 V / 2 A (Compatible power adapter needs to be purchased separately)
Battery Capacity	5,200 mAh
Power Consumption	Max.10 W
Product Dimensions	153.3 × 62.95 × 62.95 mm (6.04 × 2.48 × 2.48 inch)
Packaging Dimensions	103 × 103 × 186 mm (4.06 × 4.06 × 7.32 inch)
Weight	Net Weight: 222.7 g (7.85 oz) With Package: 569 g (20.07 oz)

Performance Parameter

Power Voltage	5.7 V
Power Current	877 mA
Open Circuit Voltage	6.9 V
Short Circuit Current	0.92 A
Max. Power	5 W
Interface	Type-C
Solar Cell Efficiency	23.5%
Operation Temperature	-20°C - 60°C (-4°F - 140°F),Humidity 90% or less (non-condensing)
IP Grade	IP65

Mechanical Data


Solar Cell Type	Monocrystalline solar cells
Power Cable Length	3 meter
Product Dimensions	202.7 × 148 × 2.5 mm (7.98 × 5.83 × 0.10 inch)
Packaging Dimensions	225 × 170 × 70 mm (8.86 × 6.69 × 2.76 inch)
Weight	656 g (23.14 oz)

# In the box

- EB3 4G Camera
- Solar Panel 5W
- Adjustable Mounting Bracket
- Screw Base
- Power Cable
- Drill Template
- Screw Kit × 2
- Regulatory Information × 4
- Quick Start Guide × 2

# Certifications

CE / REACH / WEEE / RoHS

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