



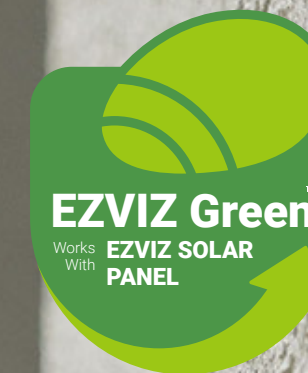
Type-C

# CB3 AOV Version 2K

## Standalone Smart Home Battery Camera

### Reliable protection made simple and flexible

Enjoy enhanced outdoor protection in a smarter way with the upgraded EZVIZ CB3, now equipped with EZVIZ's latest Always-On Video (AOV) feature to enable 24/7 recording on a battery-powered camera for extended peace of mind. Boasting various features such as advanced detection, colorful night vision, active defense and more, it actively guards what's valuable to you with versatile remote controls and requires only extremely easy installation for long-lasting performance.



2K 2K Resolution

AOV Always-On Video Mode

AI-Powered Human / Vehicle Shape Detection

Color Night Vision

Up to 120 Days of Battery Life<sup>1</sup> (5,200 mAh)

Works with EZVIZ Solar Panels (Type-C versions) for Green Power<sup>2</sup>

Active Defense with Strobe Light & Siren

Two-Way Talk

Customizable Voice Alerts

Supports Wi-Fi 6 Network (2.4 GHz)

Weatherproof Design

H.265 Video Compression

Smart Integration with Google Assistant & Amazon Alexa<sup>3</sup>

Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage<sup>4</sup>

# The power to protect, now always on

With EZVIZ's innovative AOV technology, the CB3 provides a plenty of recordings beyond PIR-triggered events, while managing power consumption much more efficiently.

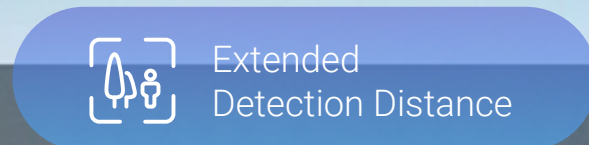
## 01 Always records, scenes or events

Want 24/7 video but worry about the battery will run out too quickly? Use the AOV mode. The CB3 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>5</sup> When an important human activity happens, the camera starts recording a normal video, so you don't miss an important detail.



## 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.



**AOV**  
24/7 EZVIZ PROTECTION  
Continuous Recording

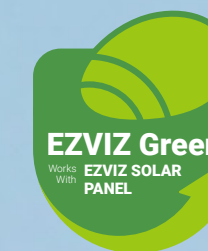
**Standard**  
PIR-Triggered Recording

12-25 meters<sup>6</sup>

9 meters

## Cost-saving and hassle-free security solution

The CB3 camera completely eliminates the hassle of electricity wiring and frequent recharging – it has a large built-in battery, and supports working with a flexible range of the EZVIZ Solar Panels.<sup>2</sup> It is a greener option for those who're eco-conscious about building their home security system.



EZVIZ Solar Panel Series

5,200 mAh Rechargeable Battery



## Smarter detections are unlocked for free

Say goodbye to a long list of annoying alerts that only capture flying insects or falling leaves. The CB3 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

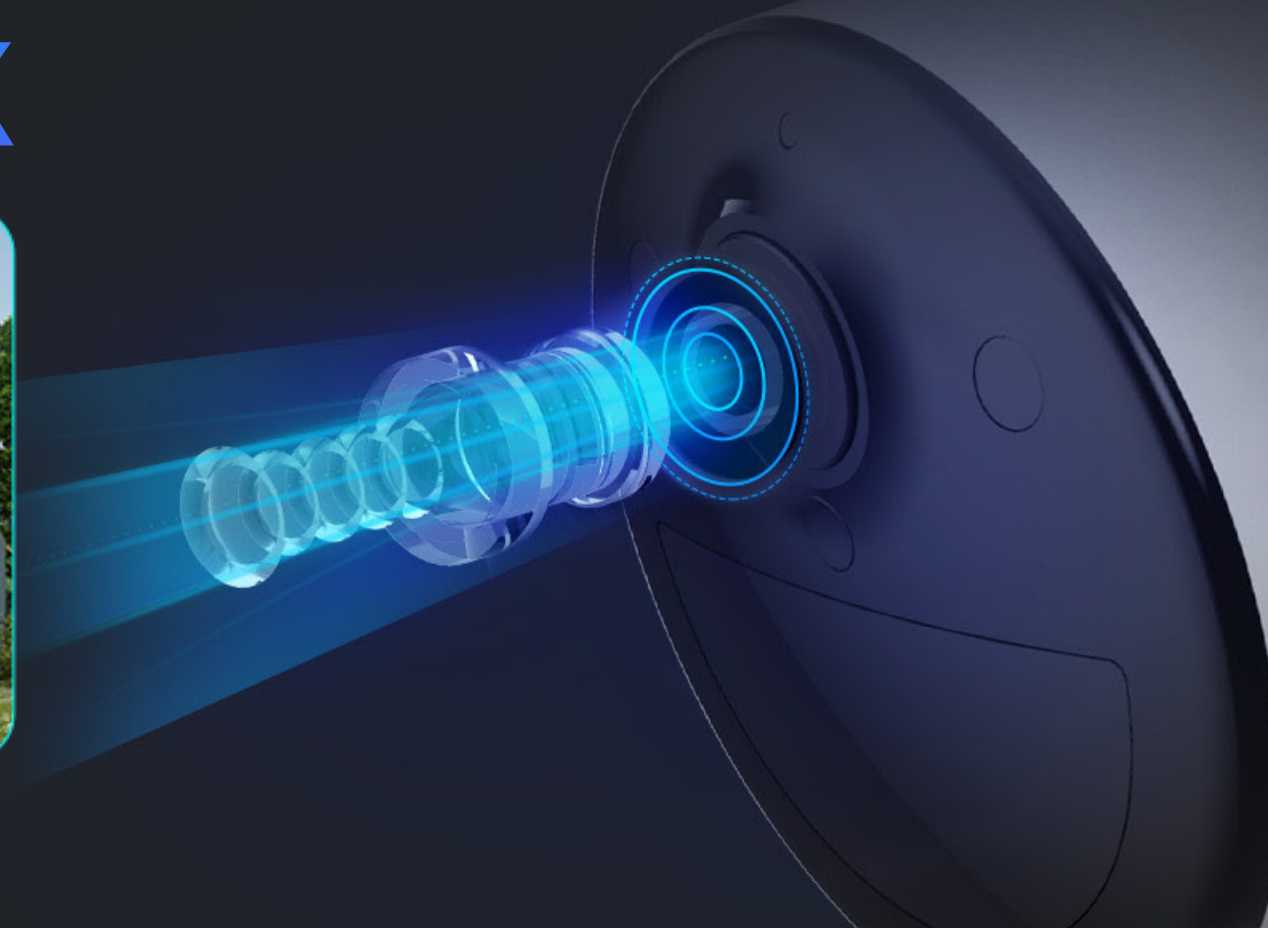
No Subscription Fee



## Stunning detail with 2K resolution

The EZVIZ CB3 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 CB3 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

# Faster connections, boosted coverage

Being Wi-Fi 6-enabled means that the CB3 is far less likely to face network challenges when operating outside your house. In addition to enhanced Wi-Fi connection stability, you can enjoy smoother 2K video streaming and faster camera response when controlling it remotely.

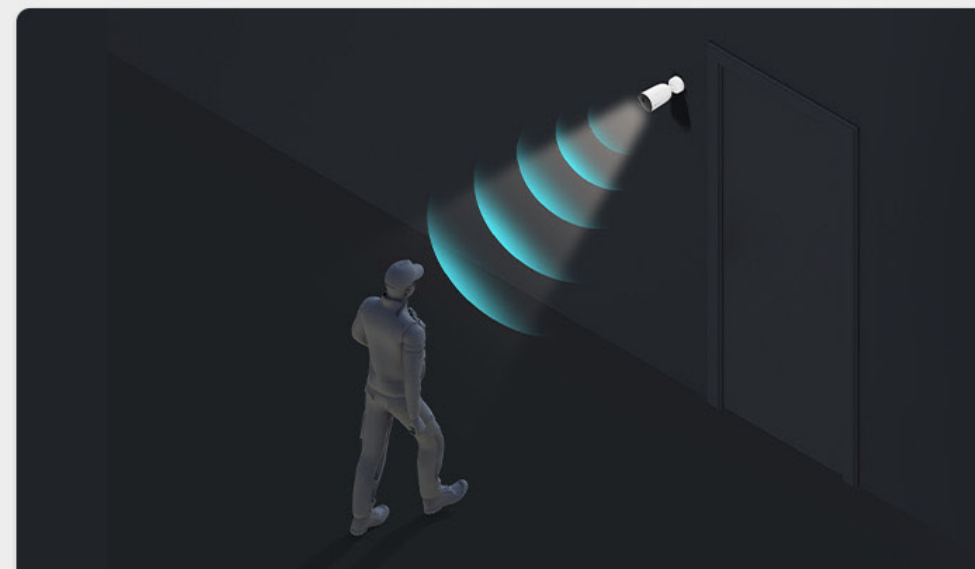


- Low-Latency 2K Streaming
- Extended Range & Coverage
- Enhanced Connectivity
- No Hub Required



### High-quality audio to respond & warn

Easily respond to any visitor by simply using your phone to speak remotely. The CB3 can also auto-play a recorded voice message when a motion is detected.



### Active defense to deter & safeguard

Upon detection of intruders, the camera will set off a loud siren and flash two dazzling spotlights<sup>7</sup> to let the invited strangers know they have been detected.



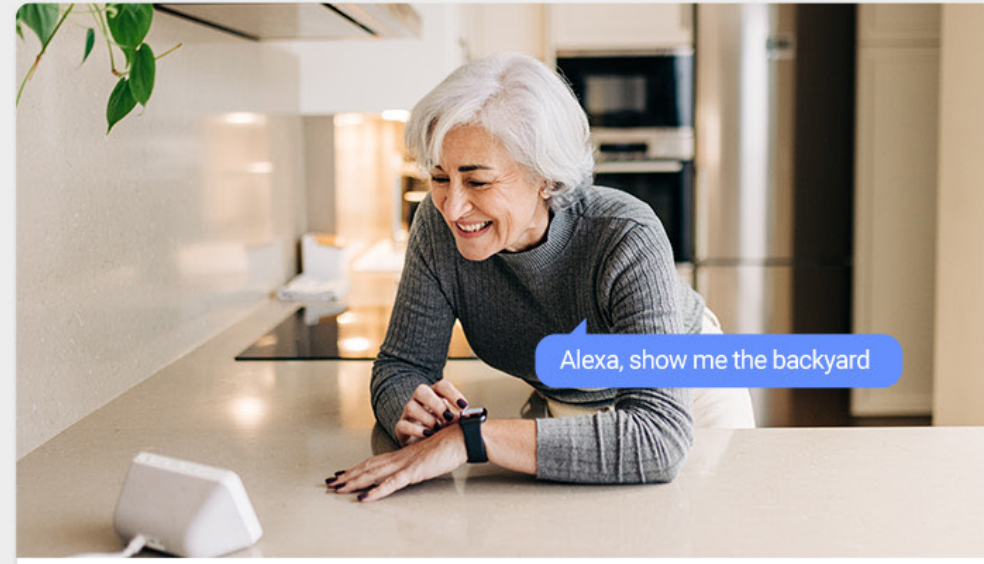
### A neat design to resist weathers

Ready to operate in an outdoor environment, the camera features a sleek design and delivers long-standing performance, even in harsh weather conditions.



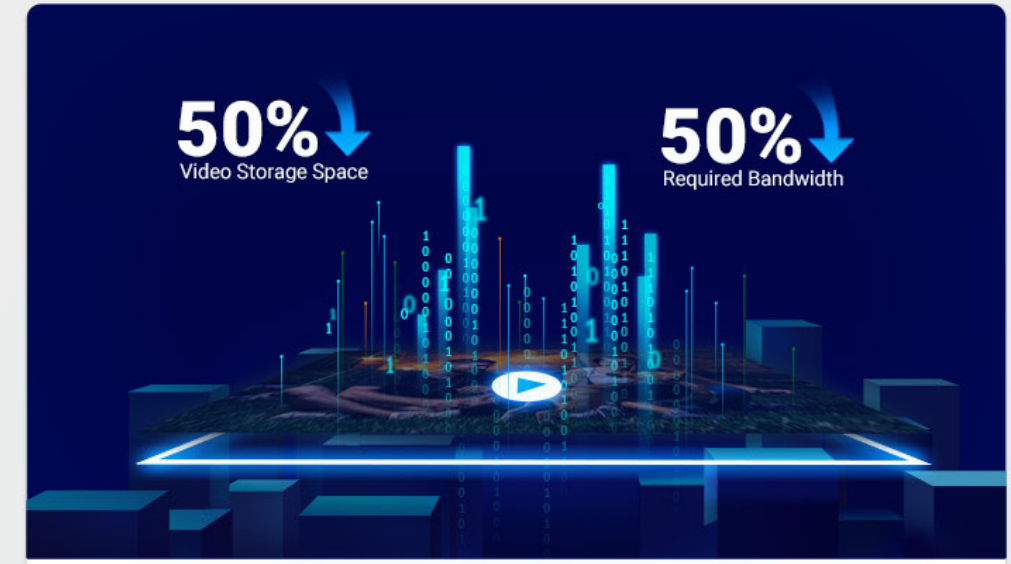
### Dual storage options for important moments

The camera automatically saves detection-triggered history videos. You can choose to secure them on a large local storage card, or simply by subscribing to the EZVIZ CloudPlay.<sup>4</sup>



### Smart integration for hands-free control

The camera supports easy integration to your existing voice assistants. You can pull up the video feed by simply saying "Alexa" or "Hey Google".<sup>3</sup>



### H.265 for enhanced video experience

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>8</sup>

## 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 Data comes from EZVIZ Lab's test under standard conditions, based on a usage of 5 minutes per day. May vary due to environmental factors and the frequency of camera activities.
- 2 The solar panel is not included in the kit. Please verify the product compatibility before making a purchase.
- 3 Google Assistant is not available in certain languages and countries.
- 4 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.
- 5 This function requires a MicroSD card.
- 6 When the AOV mode is enabled, according to EZVIZ Lab's test results under standard conditions, the CB3 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.
- 7 The spotlight will not flash when color night vision mode is enabled.
- 8 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.

# Specifications

CS-CB3-R200-1K3WFL

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

## Network

Bluetooth	Supports
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20 MHz
Security	WPA-PSK / WPA2-PSK, WPA3 - Personal
Transmission Rate	11b: 11Mbps, 11g: 54Mbps, 11n: 72Mbps, 11n: 114Mbps
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Minimum Network Requirement	4 Mbps

## 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

# Specifications

CS-CB3-R200-1K3WFL

## 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 5V/2A (Compatible power adapter needs to be purchased separately)
Battery Capacity	5200 mAh
Power Consumption	Max.10W
Product Dimensions	153.3 × 62.95 × 62.95 mm
Packaging Dimensions	103 × 103 × 186 mm
Weight	Net Weight: 222.7 g With Package: 569 g

## In the box

- CB3 (AOV Version) Camera
- Screw Base
- Pin
- Power Cable
- Drill Template
- Screw Kit
- Regulatory Information × 2
- Quick Start Guide

## Certifications

CE / REACH / WEEE / RoHS

Specifications are subject to change without notice. "  ", "EZVIZ" and other trademarks and logos are the properties of EZVIZ in various jurisdictions.