



CB8 Lite + Solar Panel 5W

3K+

Wi-Fi Battery Camera Kit



Your outdoor vision now made clearer and smarter

Crystal-Clear
3K+ Resolution



A detailed diagram showing the internal components of a camera lens, including multiple glass elements and a lens barrel, illustrating the high resolution of the camera.

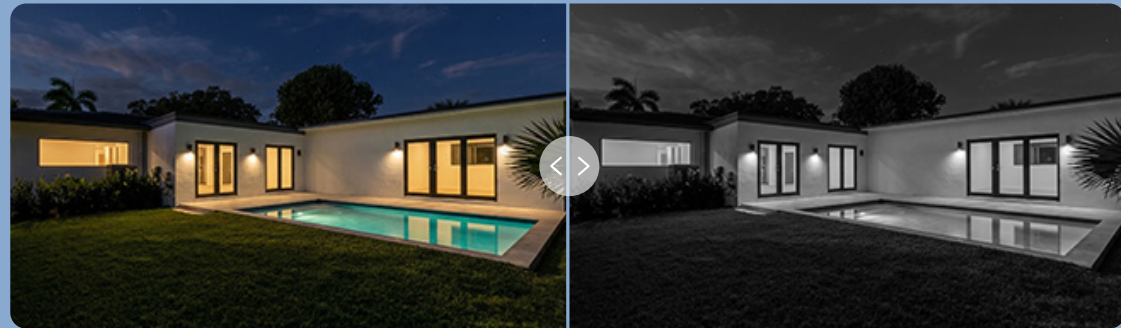
360° Panoramic Coverage



360° View

A top-down view of the camera with a blue arc below it indicating a full 360-degree field of view.


Smart Color Night Vision



Two side-by-side images of a backyard at night. The left image shows a pool and house with warm, low-contrast lighting. The right image shows the same scene with clear, color night vision, highlighting the camera's ability to capture details in low light.


Always-on Video Mode¹
With EZVIZ Solar Panel

15 images/second *Time-Lapse Video*



A wide-angle shot of a backyard with a fence and trees. A small inset shows a time-lapse video of a person walking. To the right is a circular inset showing a solar panel mounted on a stand.

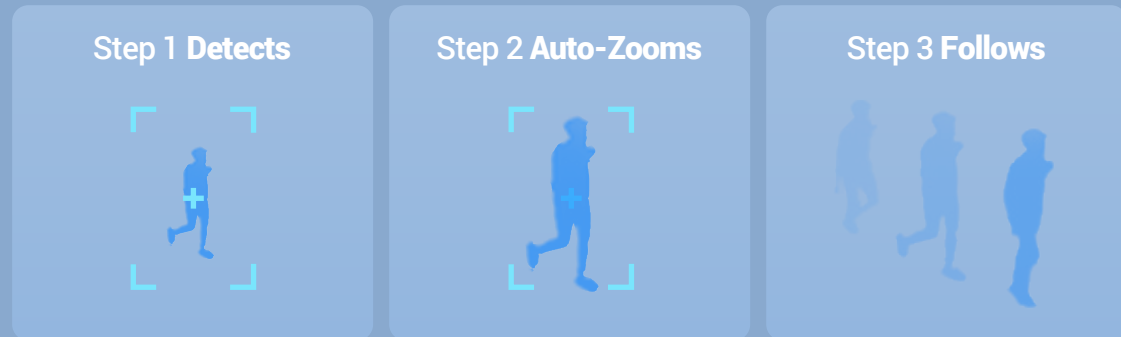
AI-Powered
Human / Vehicle
Shape Detection



Stylized icons representing a car and a person, indicating the camera's AI capabilities for detecting human and vehicle shapes.

Auto-Zoom Tracking

Step 1 Detects Step 2 Auto-Zooms Step 3 Follows



A three-step process diagram: 1. A person is detected within a frame. 2. The camera zooms in on the person. 3. The camera follows the person as they move across the frame.

Wi-Fi 6
for Stable Video Streaming



2.4 GHz

A front view of the EZVIZ camera, showing its lens and branding.

Weatherproof Design



An icon of a water droplet with small circles around it, representing the camera's weatherproof capabilities.

Active Defense with
Siren & Light Strobe



An illustration showing a camera's light and siren beam directed at a person's silhouette, representing the active defense feature.

Local & Cloud Storage²

Up to 512GB



An illustration of the camera with a storage icon and a cloud icon, indicating both local and cloud storage options.

Crystal-Clear 3K+ Resolution

Captures every moment in crisp 3K+ detail

See your home the way you would in person, with 3K+ clarity that keeps every detail crisp, so nothing important slips by.

3K+



3K+ Resolution



1080p Resolution

360° Panoramic Coverage

Covers Every Corner In 360° Panorama

With its smooth pan-tilt design, the camera delivers full 360° coverage, sweeping across your entire space in one complete view with fewer blind spots.



350°
Horizontal Rotation

80°
Vertical Rotation

Always-On Video Mode

Upgrades Your Battery-Powered All-Day Recording

Unlike typical battery cameras that struggle to compromise either recording performance or battery life, this camera features EZVIZ's groundbreaking AOV technology.

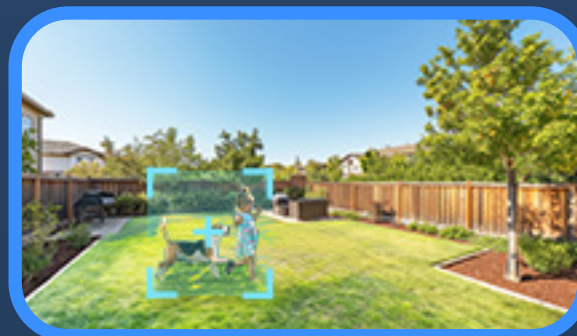
How EZVIZ AOV works?

15 images/second
Normal Speed

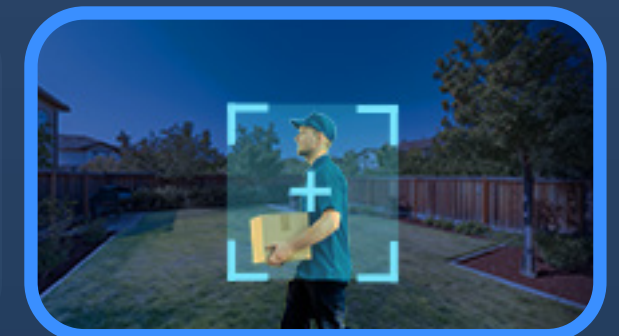
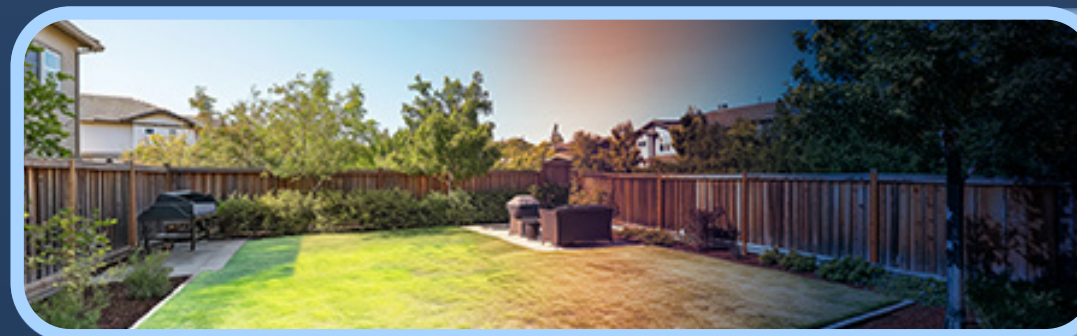
Smart Auto
Time-Lapse Video

15 images/second
Normal Speed

WITH AOV

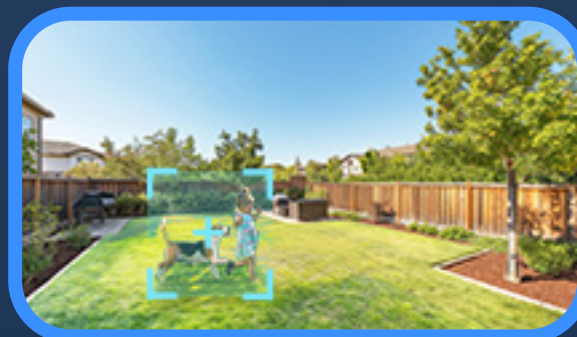


Human Detected

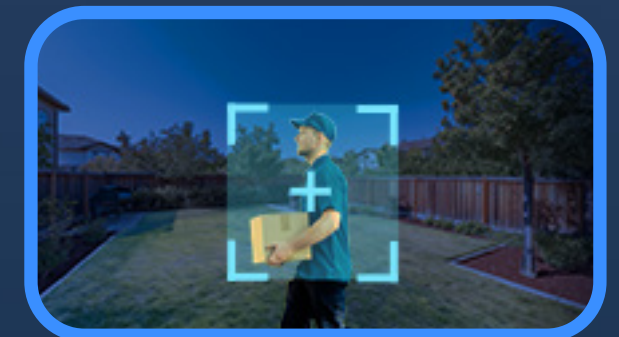


Human Detected

WITHOUT AOV



No Event = No Recording



Why EZVIZ AOV helps?

Wider Longer Detection Range

To see and respond to any activity earlier



2-hour sunshine⁴ = All-Year & All-Season Protection

Wiser Power Consumption

To adjust recording intervals automatically based on battery power conditions



AI Human Shape & Vehicle Detection

Stays Informed With Smart Alerts For Free

The camera cuts through hours of footages by telling the difference between people, vehicles, and everyday motion. Instead of babysitting the live view, your camera will flag the crucial times and notify you on the EZVIZ App.



Customizable Detection Zones



Accurate Detection Alerts



Auto-Zoom Tracking

Keeps What Matters In Sharp Focus With Auto Zoom

With auto-zoom tracking, the camera doesn't make important moments slip out of frame. When the camera detects human movement, it automatically pans to stay locked on the action and zooms in for a closer look.



Smart Color Night Vision

Lights Up Your Night With Bright Colors

Say goodbye to blurry, washed-out night footage. Powered by built-in spotlights, the CB8 Lite brings the night to life with vivid, full-color clarity, even in near-total darkness.



2 Spotlights | Full-Color Night Vision

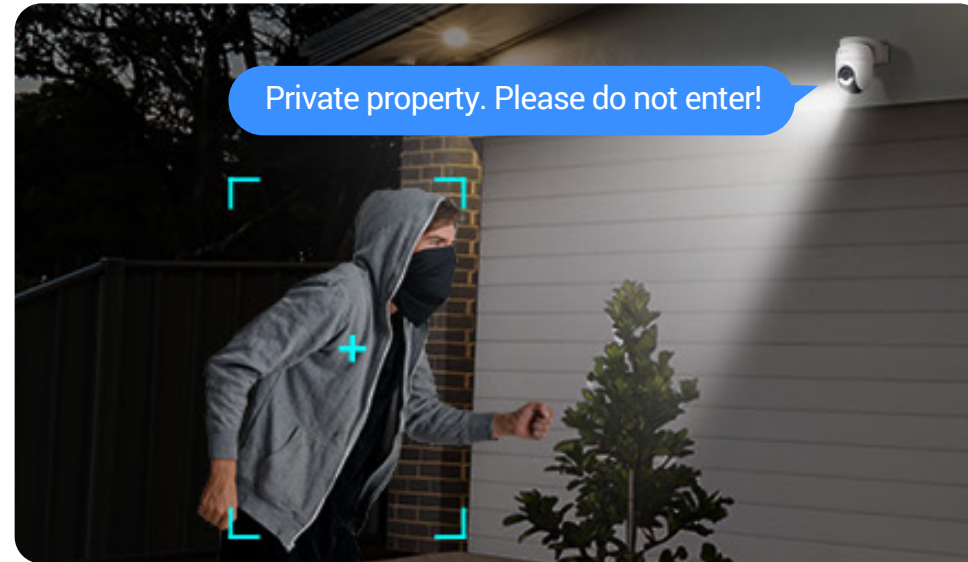


2 IR Lights | Black & White Night Vision

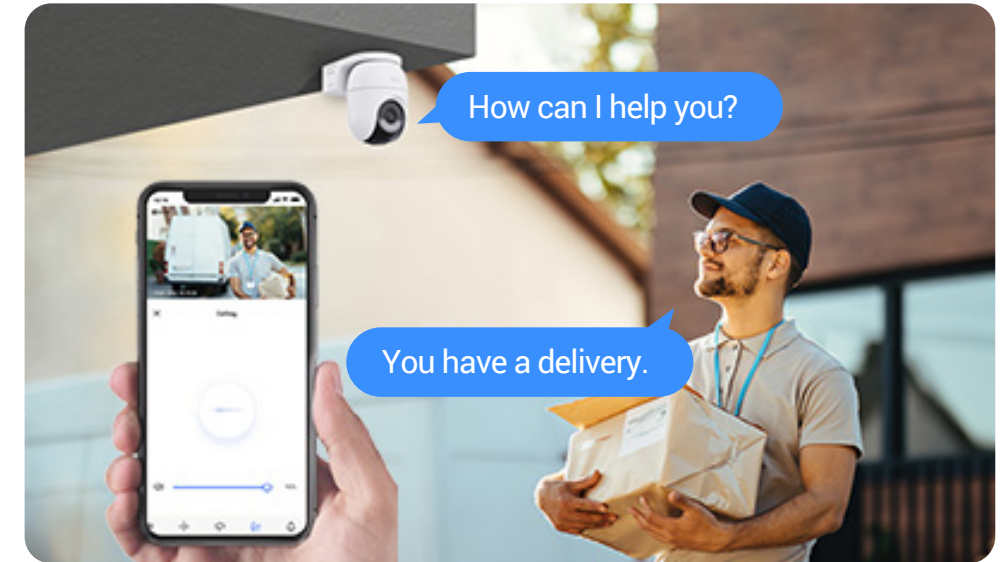
Brings More Convenience For Extra Peace of Mind



Weatherproof Design
Delivers Protection
Whenever Rain Or Shine



Active Defense
Deters Potential Risks
With Sound & Light Strobe



Two-Way Talk
Responds To Visitors
With Your Phone



Wi-Fi 6 Network (2.4GHz)
Enables Smooth Video Streaming



Local & Cloud Storage
Saves Your Videos With Two Options



H.265 Video Compression
Enjoys Video Experiences with H.265⁵

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.

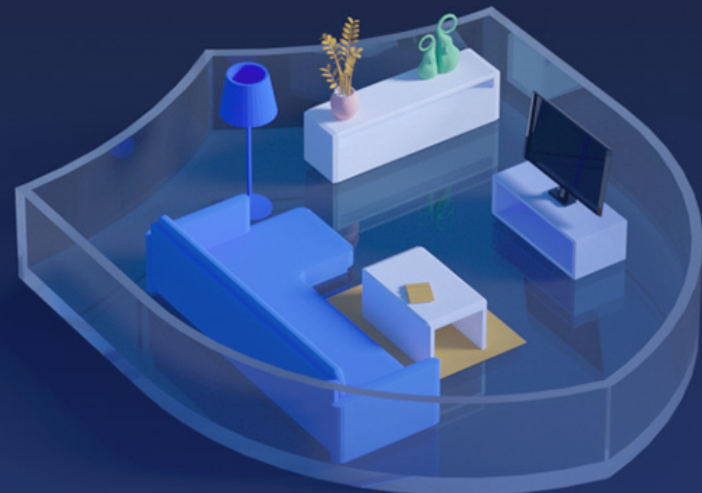
[Learn more about our security practices >](#)



*End-to-end
Data Encryption*

AES

Data Encryption



TLS

*Data Transmission
Encryption*

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



- 1 Use of this feature requires that a compatible local storage card (sold separately) be inserted into the camera.
- 2 A compatible local storage card must be purchased separately. Cloud storage services are available only in selected markets; availability should be verified prior to purchase.
- 3 When AOV mode is enabled, EZVIZ Lab testing conducted under standard conditions indicates that the camera can detect motion at distances of up to 25 m in daylight and up to 12 m at night. Under the same test conditions, other battery-powered models using PIR-based detection typically provide a detection distance of up to 9 m. Actual detection performance may vary due to environmental conditions and installation factors.
- 4 Data from EZVIZ Lab's test results, under the following standard condition: AM=1.5 , 25°C, 1000W/m² and SMQ. The results are obtained based with the camera operating in AOV mode and the AOV interval set to AUTO. Actual charging efficiency may vary depending on sunlight intensity and other environmental conditions. Actual camera operating hours may also differ based on usage patterns, activity frequency, and environmental factors.
- 5 Based on EZVIZ Lab testing conducted under standard conditions. Video compression efficiency may vary depending on scene complexity, motion frequency, lighting conditions, and other environmental factors.

Specifications CS-CB8c-R200-1Q6WFL

Camera

Image Sensor	1/2.45" 8-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	Self-Adaptive Shutter
Lens	4mm @ F1.6 Diagonal Angle: 96° Horizontal Angle: 79° Vertical Angle:42°
PT Angle	Pan: 350°, Tilt: 80°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	15 m

Video & Audio

Max Resolution	6MP, 3200 × 1800
Frame Rate	15fps. Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Ultra-HD; Full HD; Hi-Def .Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	3 Mbps

Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Support 20MHz
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Transmission Rate	11b: 11Mbps,11g :54Mbps,11n :72Mbps, 11ax:114Mbps

Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Minimum Network Requirement	3 Mbps

Function

Smart Alarm	AI Human Detection, AI Vehicle Detection
Two-way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Storage

Local Storage	Supports Local (Up to 512 GB) Storage
Cloud Storage	EZVIZ Cloud Storage

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 (Adapter needs to be purchased separately)
Battery Capacity	5200 mAh
Power Consumption	Max.10W

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%
Operating Conditions	-20°C ~ 60°C (-4°F ~ 140°F) Humidity 90% or less (non-condensing)
IP Grade	IP65
Solar Cell Type	Monocrystalline solar cells
Power Cable Length	3 meter

General


Dimensions	Camera: 157 × 102 × 147 mm Solar panel: 210 × 154 × 33 mm
Packaging Dimensions	255 × 176 × 194 mm
Net Weight	Camera: 640 g Solar panel: 284 g
Weight with Package	1420 g

In the box

- CB8 Lite Camera
- Solar Panel 5W
- Power Cable
- Drilling Template
- Screw Kit
- Quick Start Guide × 2
- Regulatory Information × 2

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.

www.ezviz.com