



# **CB30 Dual Kit Smart Wi-Fi Battery Camera**

**See the Whole Scene, Wherever It Matters**

A wire-free battery camera designed to see more, install faster, and protect everyday spaces with intelligent features.



# Everything important, laid out one feature at a time.

Each detail is built around everyday use: a clearer view, fewer setup limits, smarter alerts, and a camera that keeps working with less effort.

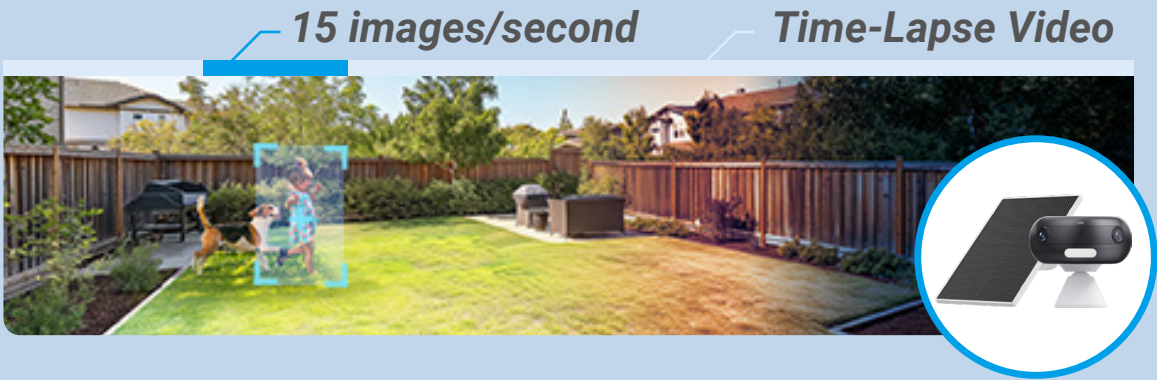
## 180° Blindspot-Free View



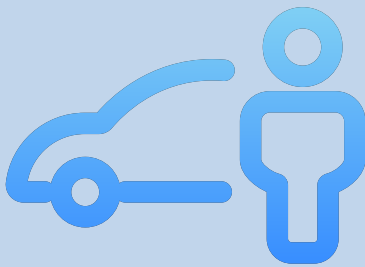
## Dual 3K Lenses



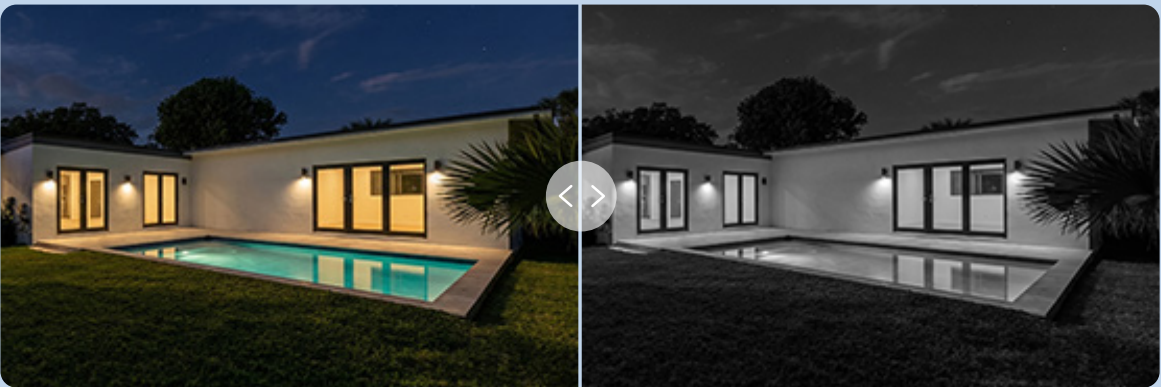
## Always-On Video Mode<sup>1</sup> With EZVIZ Solar Panel



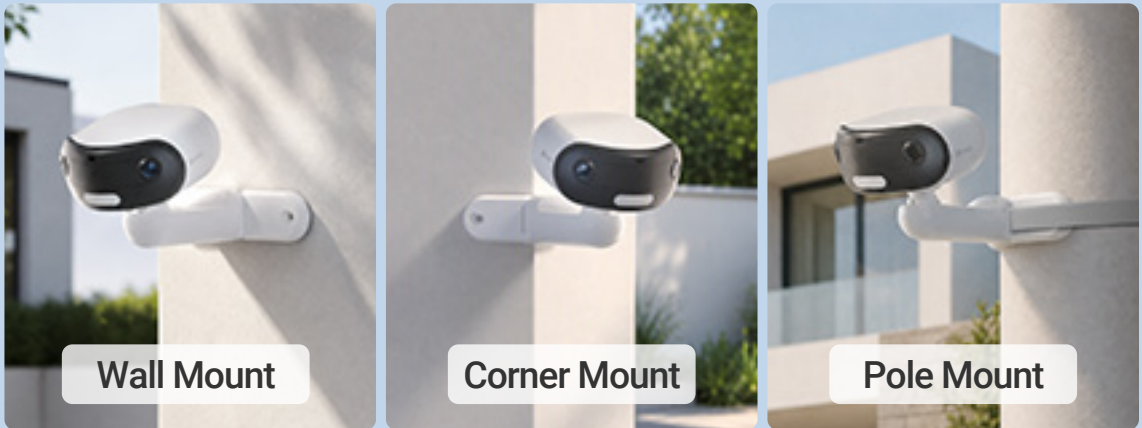
## AI-Powered Human / Vehicle Shape Detection



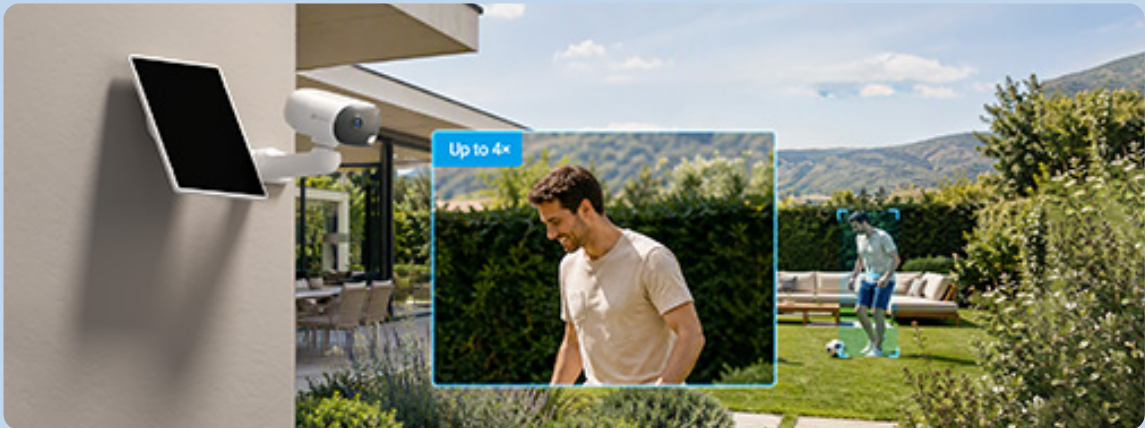
## Smart Color Night Vision



## Flexible Installation



## 4x Digital Zoom with Close-Up Views



## Weatherproof Design



**180° Blindspot-Free View**

## **Sees the Full Stretch with No Blind Spots**

With a 180° blindspot-free view, the CB30 Dual enables you monitor wide open spaces from edge to edge — so kids, pets, visitors, and vehicles stay within sight in one clear image.

**Dual-Image Stitching<sup>2</sup>** 



**180°**  
**Horizontal View**



Dual-Lens 3K Clarity

## Reveals Every Detail in One Crystal-Clear View

With dual lenses working together, the CB30 Dual delivers a wider, clearer 3K image that keeps important details easy to recognize — from faces at the door to license plates in the driveway.

**3K**  
2880×1620

**1080p**  
1920×1080



Wide-Angle & Close-Up Views with 4x Zoom

## Captures the Full Scene While Zooming into Key Details

With panoramic viewing and up to 4x digital zoom, the camera keeps the full scene visible while bringing key details closer. It can auto-zoom on detected people or let users tap any area for an instant close-up.



 Tap-to-Zoom



 Human Detected



 Auto-Zooms on Detected Human



Easy Installation with Suitable Accessory

## Places it Anywhere for the Best View

From countertops to metal surfaces to outdoor entryways, the CB30 Dual fits naturally into different spaces with its battery-powered, wire-free design, Built-in 1/4 mounting bracket and weather-ready build.

Wall Mount



Corner Mount



Pole Mount



Desktop Mount



Built-in 1/4" Thread Mount  
for Wide Compatibility



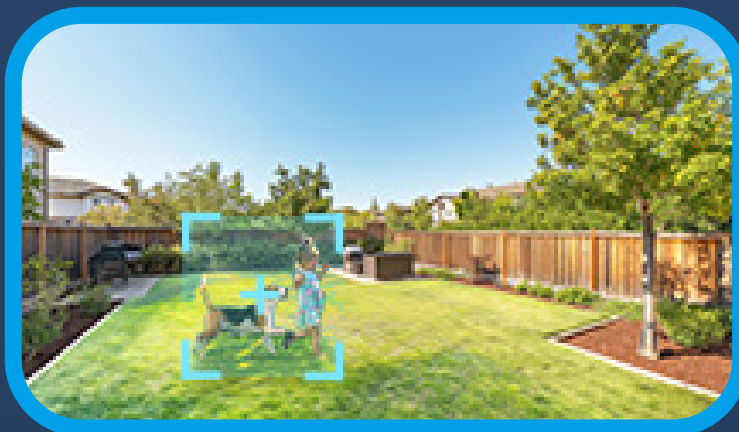
Always-On Video Mode

## 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.

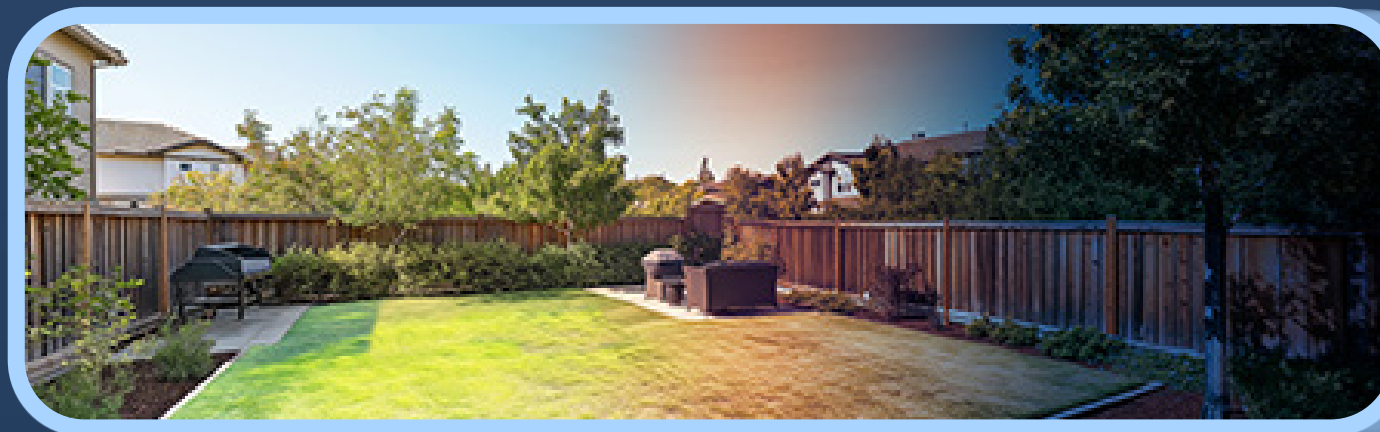
### How EZVIZ AOV works?

**15 images/second**  
Normal Speed



Human Detected

**Smart Auto**  
Time-Lapse Video



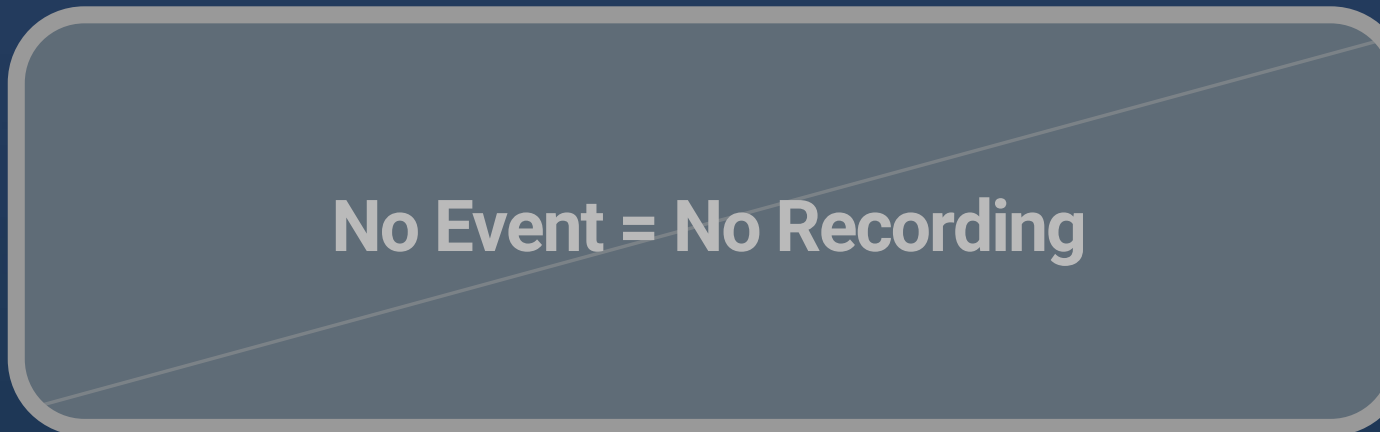
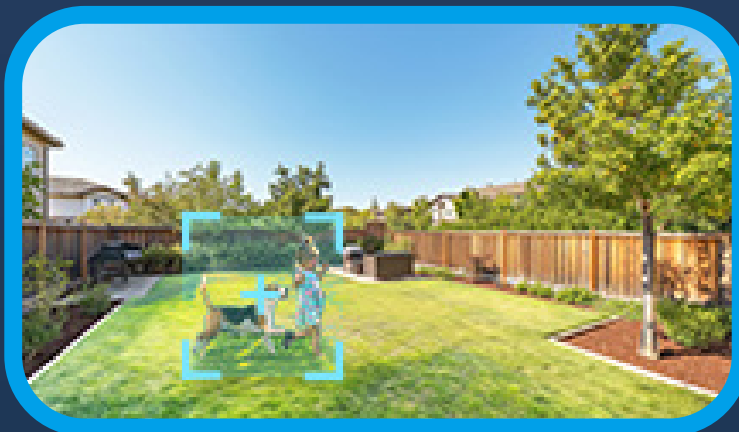
**15 images/second**  
Normal Speed



Human Detected

**WITH AOV**

**WITHOUT AOV**



## Why EZVIZ AOV helps?

### Wider Longer Detection Range

To see and respond to any activity earlier



### Wiser Power Consumption

To adjust recording intervals automatically based on battery power conditions

Battery Camera  
+ Solar Panel

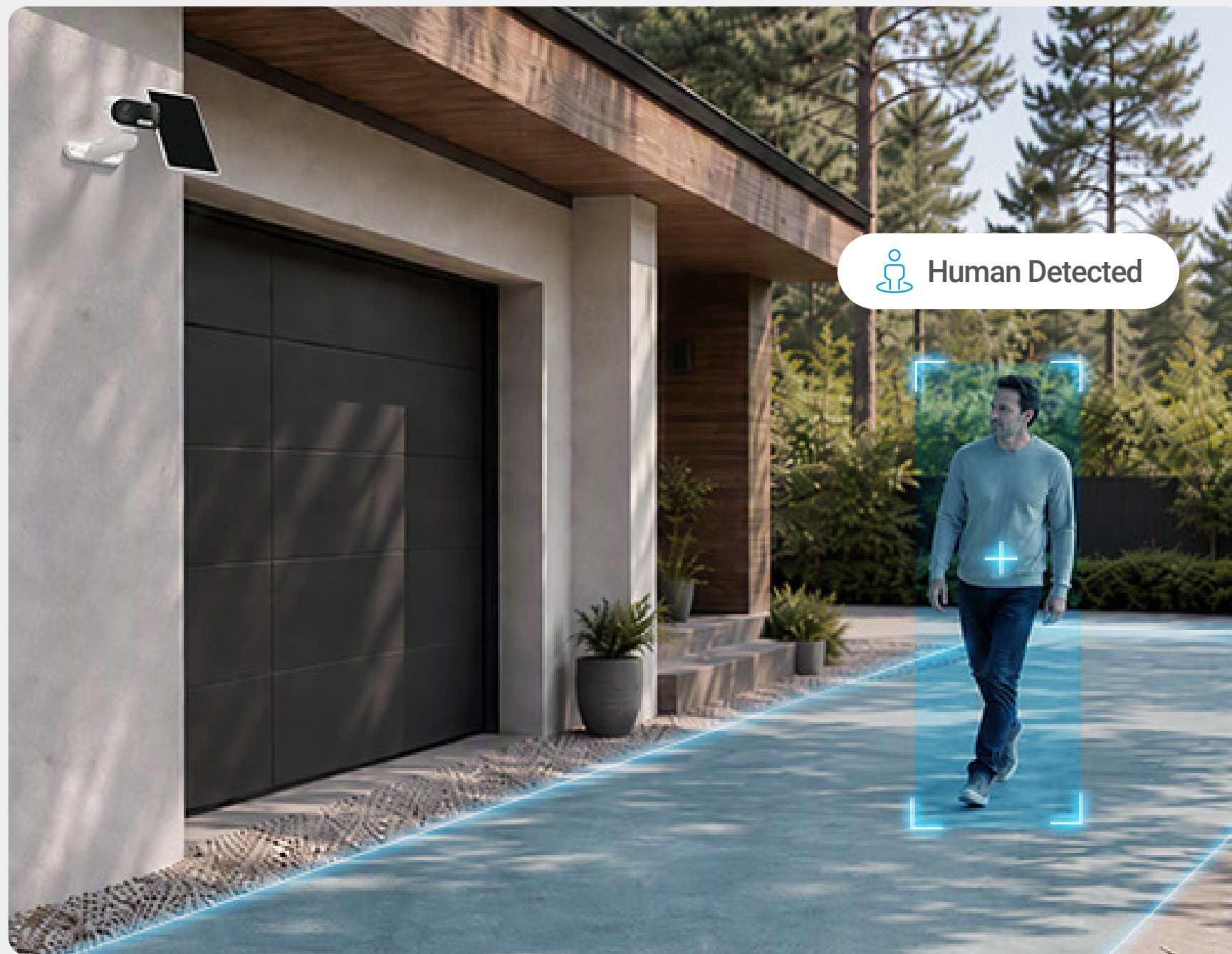
**All-Year  
Nonstop  
Protection<sup>4</sup>**



## AI-Powered 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.



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 CB30 Dual brings the night to life with vivid, full-color clarity, even in near-total darkness.

### 3 Spotlights

Full-Color Night Vision



### 3 IR Lights

Black & White Night Vision



## Brings More Convenience for Extra Peace of Mind



Weatherproof Design  
**Delivers protection rain or shine**



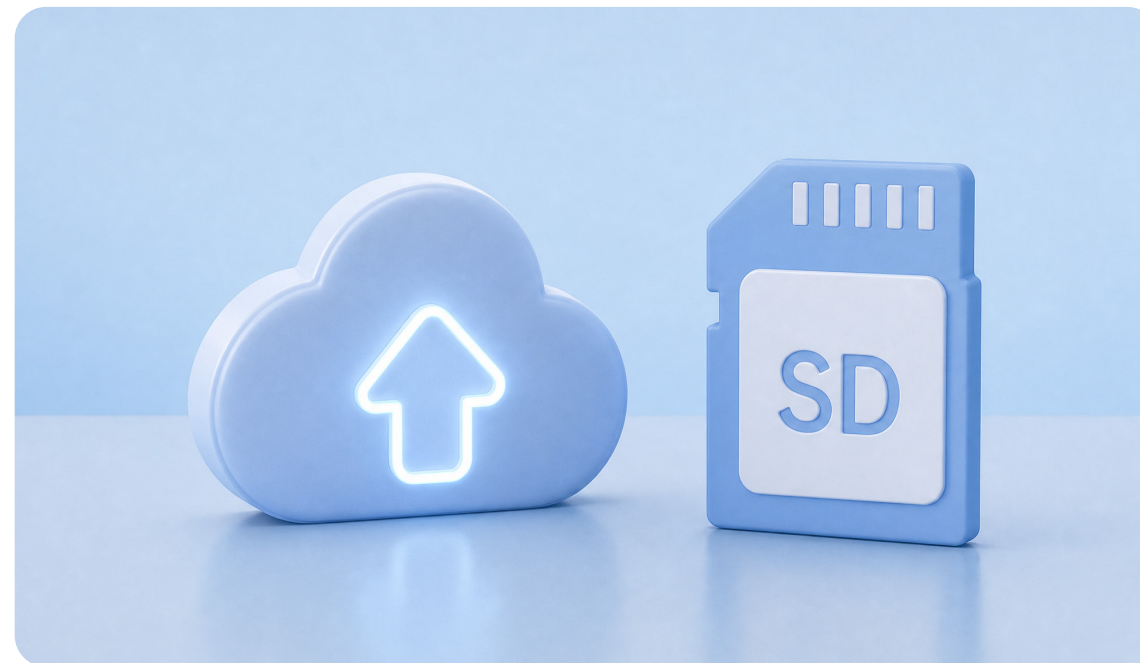
Active Defense  
**Deters risks with warning sound & light**



Two-Way Talk  
**Controls your camera remotely**



2.4 GHz Wi-Fi Network  
**Enables smooth video streaming**



Local & Cloud Storage  
**Saves your videos with two options**



H.265 Video Compression  
**Enhances video experience with H.265<sup>5</sup>**

- 1 Use of this feature requires that a compatible local storage card (sold separately) be inserted into the camera.
- 2 The dual-image fusion effect, designed to eliminate visible stitching, will be available through an OTA update in late October. The current version of the 180° blind-spot-free view may still show a dark line on the screen. The Dual Image Stitching feature requires high performance hardware. Currently, it supports iPhone 12 and subsequent models, along with Android devices powered by Snapdragon 8 Gen1 and higher grade chips. Performance optimizations are in progress for both iOS and Android platforms.
- 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/m<sup>2</sup> 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.

Camera

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Image Sensor         | 1/3” 5-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, Horizontal angle: 180°, Vertical angle:56° |
| Day & Night          | IR-cut filter with auto switch                           |
| DNR                  | 3D DNR                                                   |
| Night Vision         | IR Distance: 15 m, Color Night Vision Distance: 10 m     |

Video & Audio

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Max Resolution    | 2880 × 1620                                           |
| Frame Rate        | 15fps. 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      | 5 Mbps(Total)                                         |

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: 11 Mbps, 11g: 54 Mbps, 11n: 72 Mbps, 11ax: 114 Mbps |

|                             |                                  |
|-----------------------------|----------------------------------|
| Wi-Fi Pairing               | AP pairing                       |
| Protocol                    | EZVIZ Cloud Proprietary Protocol |
| Interface Protocol          | EZVIZ Cloud Proprietary Protocol |
| Minimum Network Requirement | 10 Mbps                          |

Function

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

Storage

|               |                            |
|---------------|----------------------------|
| Local Storage | Local storage up to 512 GB |
| 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 (Compatible power adapter needs to be purchased separately)   |
| Battery Capacity     | 5200 mAh                                                               |
| Power Consumption    | Max.10W                                                                |
| Product Dimensions   | 89mm × 82mm × 42mm                                                     |
| Packaging Dimensions | 111mm × 67mm × 179mm                                                   |
| Weight               | Product: 234g<br>With package: 485g                                    |

Performance Parameter

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Power Voltage         | 5.7 V                                                            |
| Power Current         | 555 mA ± 5%                                                      |
| Open Circuit Voltage  | 6.4 V ± 5%                                                       |
| Short Circuit Current | 604 mA ± 5%                                                      |
| Max. Power            | 3 W                                                              |
| Interface             | Type-C                                                           |
| Solar Cell Efficiency | ≥ 22%                                                            |
| Operation Temperature | -20°C ~60°C(-4°F~140°F)<br>Humidity 90% or less (non-condensing) |
| IP Grade              | IP65                                                             |

Mechanical Data

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Solar Cell Type      | Monocrystalline solar cells                                      |
| Power Cable Length   | 3 meters                                                         |
| Product Dimensions   | Camera: 89mm × 82mm × 42mm<br>Solar Panel: 144.5 × 117 × 14.5 mm |
| Packaging Dimensions | 169 × 121 × 198 mm                                               |
| Weight               | Camera Net Weight: 234 g<br>Weight with Package: 1023 g          |

## In the box

- Camera (×1)
- Solar Panel 3W (×1)
- Mounting Bracket (×1)
- Screw Base (×1)
- Pin (×1)
- Power Cable (×1)
- Pressure-Assist Patch (×2)
- Screw Kit (×1)
- Foam Sticker (×2)
- Metal Plate (×1)

## Certifications

CE / REACH / WEEE / RoHS

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

**www.ezviz.com**