



EB3 + Solar Charging Panel

Smart Home Battery Camera with Solar Charging Panel

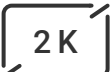
Flexible. Reliable. Capable.

Made to greatly simplify outdoor protection, the EB3 is a next-generation battery camera that boasts great functionality and durability. It comes with multiple advanced features to safeguard your property effectively, including automatic security supported by EZVIZ's unique "Always-on Protection Mode", as well as human and vehicle detection capability. It also can run on green power to help save energy costs in the long term. Use it with our Solar Charging Panel, because with this solar panel, you no longer need to manually recharge your EZVIZ battery cameras. The sunlight will keep the connected camera powered on all day and every day.





Key Features


EB3


 2K Resolution


 Always-On Protection Mode

 Up to 120 Days of Battery Life¹ (5200 mAh)


 AI-Powered Human/Vehicle Shape Detection


 Active Defense


 Color Night Vision

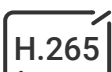
 Weatherproof Design


 Two-Way Talk


 Customizable Voice Alerts


 Supports Wi-Fi 6 Network

 Supports 2.4GHz Wi-Fi


 H.265 Video Technology


 Works with EZVIZ Solar Panels (Type-C versions) for Green Power²


 Smart Integration with Google Assistant & Amazon Alexa³

 Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage⁴


Solar Panel

 Eco-Friendly & Cost-Saving Solar Power Supply

 High Charging Efficiency (Up to 4.2 W)

 High Light Absorption with Monocrystalline Silicon Cells

 4-Meter Cable for Mounting Flexibility

 Weatherproof Design

Active protection that is always on

Welcome to the era when a security camera truly stays smartly vigilant 7/24 on its own without human intervention. The EB3 automatically wakes itself up at set intervals to detect, record and store activities that happen in the surrounding area, so nothing easily escapes its attention.



Cost-saving and hassle-free security solution

Welcome to the era when a security camera truly stays smartly vigilant 7/24 on its own without human intervention. The EB3 automatically wakes itself up at set intervals to detect, record and store activities that happen in the surrounding area, so nothing easily escapes its attention. Active protection that is always on The EB3 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 ². It is a greener option for those who're eco-conscious about building their home security system.



Solar Panel F

Solar Panel E

Solar Panel with Battery Storage

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 EB3 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 Required

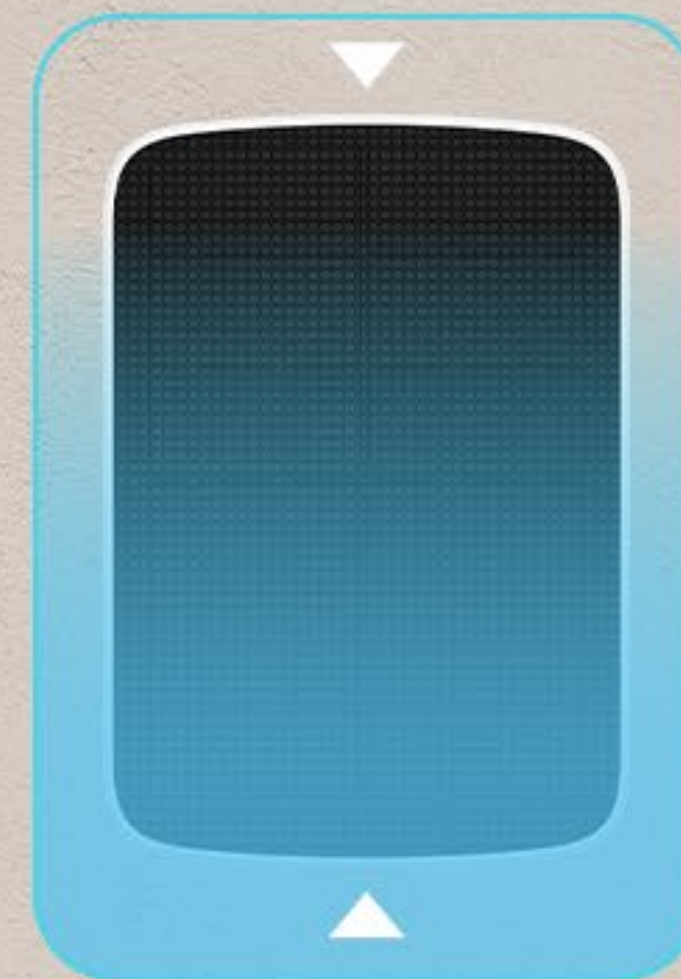


• EB3 (BB7593290)
AI Human Detection
18:10:07



A compact, high-efficiency solar panel

With this solar panel, you will only need a few hours of direct sunlight everyday to keep your camera running⁷. Made of high-efficiency monocrystalline silicon cells, it delivers power supply of up to 4.2W.



Smaller in size to fit in any space
when compared with EZVIZ Solar Panel-E

Night is now bright and colorful

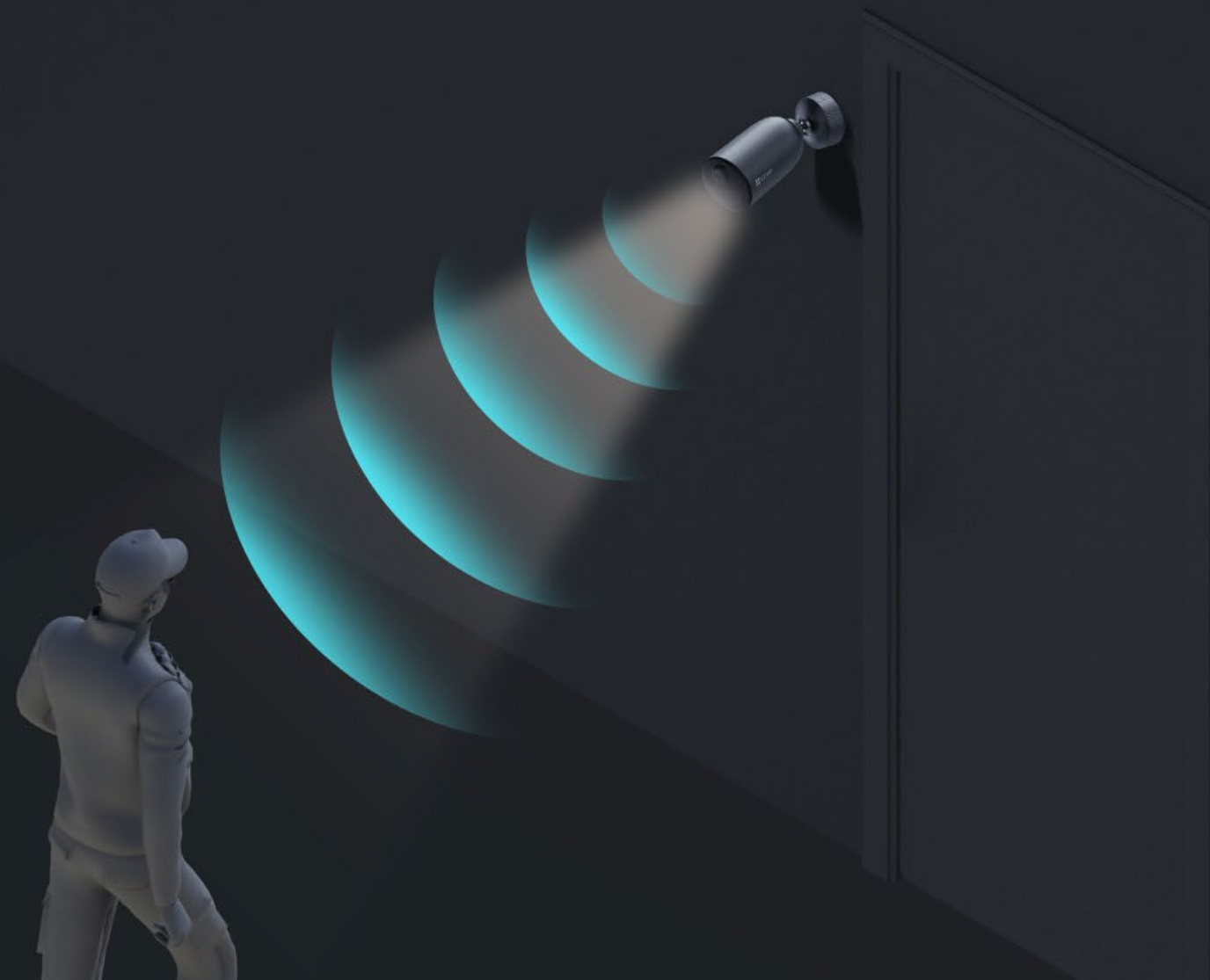
Blurred and pixelated night vision is now a thing of the past. The improved lens with the large F1.6 aperture captures more light and thus enables long-range color night vision of up to 15 meters. What's better, you can choose between the color mode or the infrared mode as you'd like.



2 Spotlights | Full-Color Night Vision



2 IR Lights | Black & White Night Vision



A vigilant guard that works 24/7

The camera features an active defense function to provide an extra layer of protection. Upon detection of intruders, the camera will set off a loud siren and flash two dazzling spotlights⁴ to let uninvited visitors know they have been detected.

Faster connections, boosted coverage

Being Wi-Fi 6-enabled means that the EB3 are 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



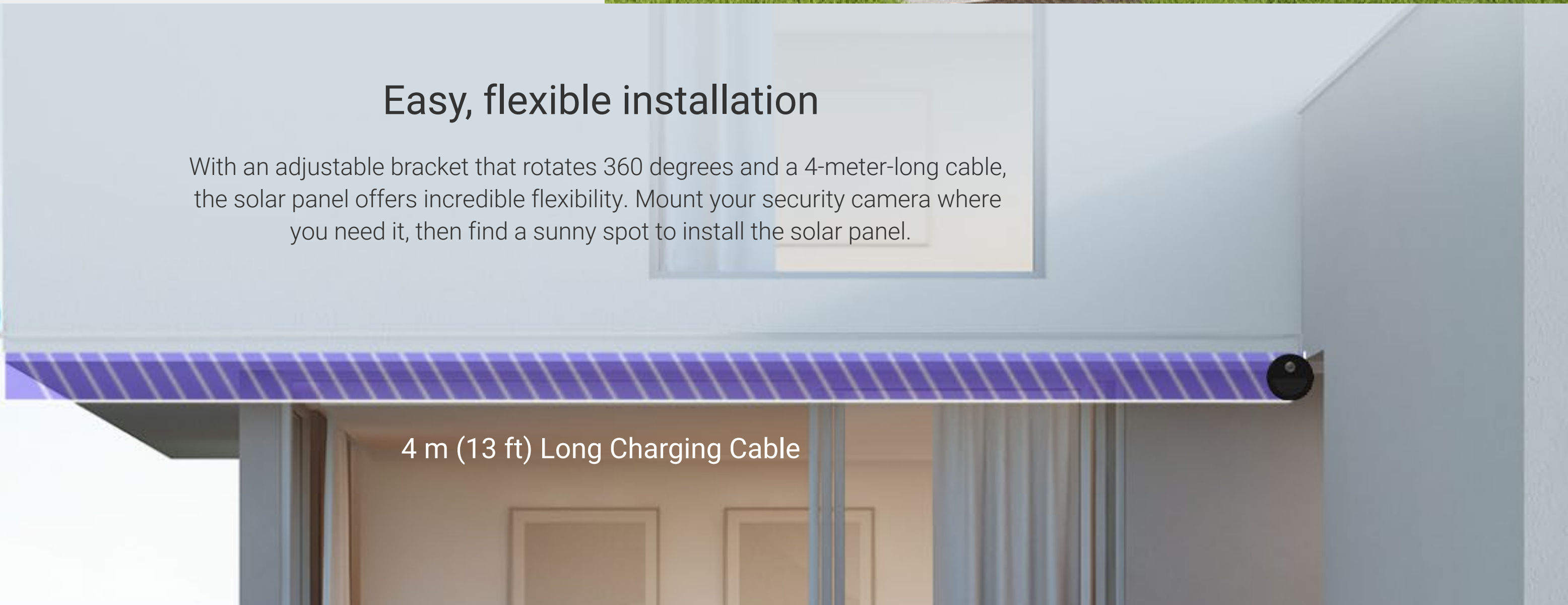
Easy, flexible installation

With an adjustable bracket that rotates 360 degrees and a 4-meter-long cable, the solar panel offers incredible flexibility. Mount your security camera where you need it, then find a sunny spot to install the solar panel.



360°

4 m (13 ft) Long Charging Cable



Built to last longer

The EB3 is made with a durable, weatherproof enclosure. You can always trust on its performance against rain, dust and snow.



Built for any weather

Featuring a durable frame and stainless steel screws, the solar panel easily withstands rain, dust, snow and sun. Just mount it, leave it, and enjoy the sun's continual power.



Enhanced viewing pleasure with smaller video files

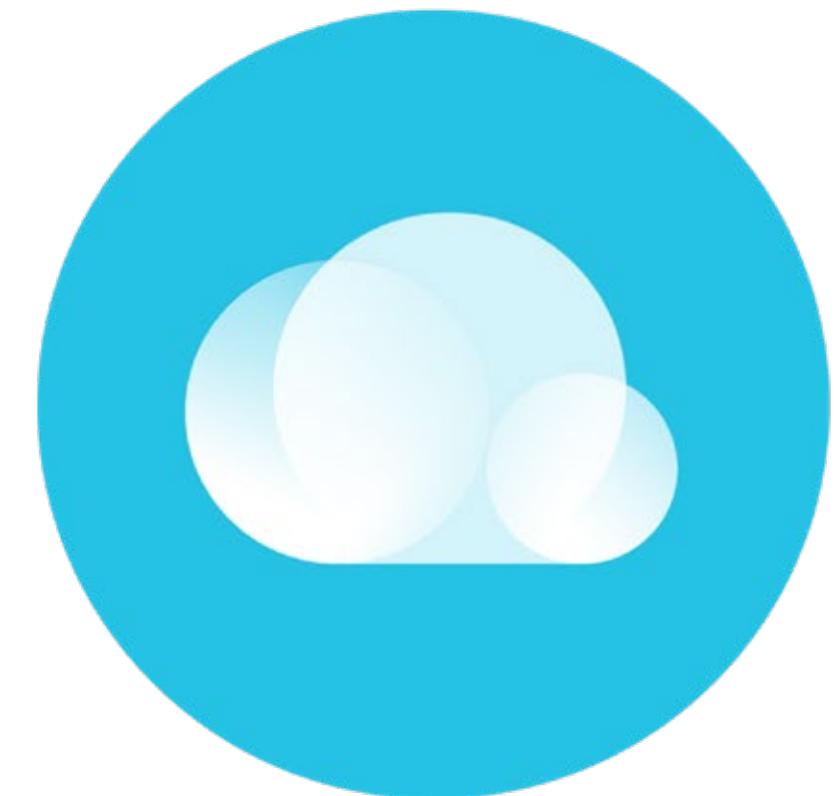
Compared to the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded 2K videos. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology reduces their sizes by up to 50%⁶

50% ↓
Video Storage Space

50% ↓
Required Bandwidth



Supports MicroSD Card



Supports EZVIZ CloudPlay Storage

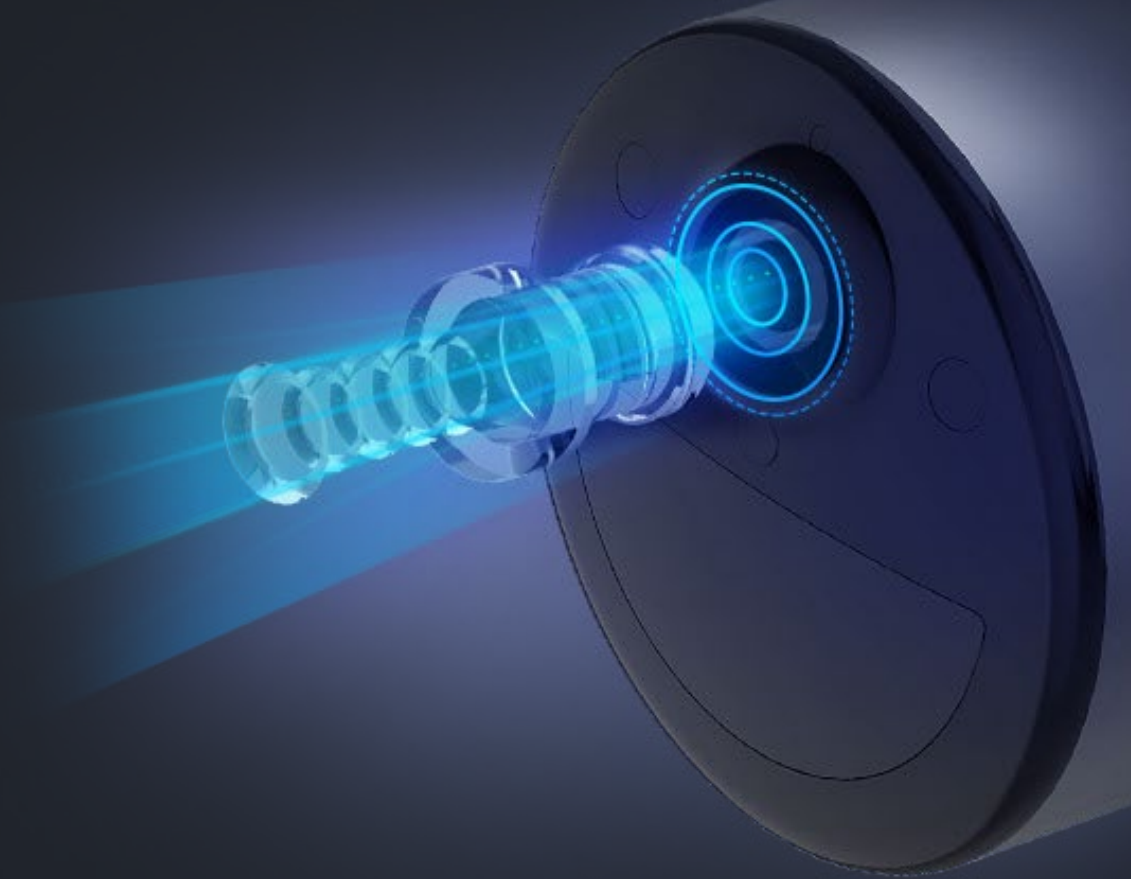
Never miss a moment with safe, flexible storage options

Secure your recorded moments on a local microSD card of up to 512 GB, or enjoy extra data protection by subscribing to EZVIZ CloudPlay for fully encrypted cloud storage⁴.

Stunning detail with 2K resolution

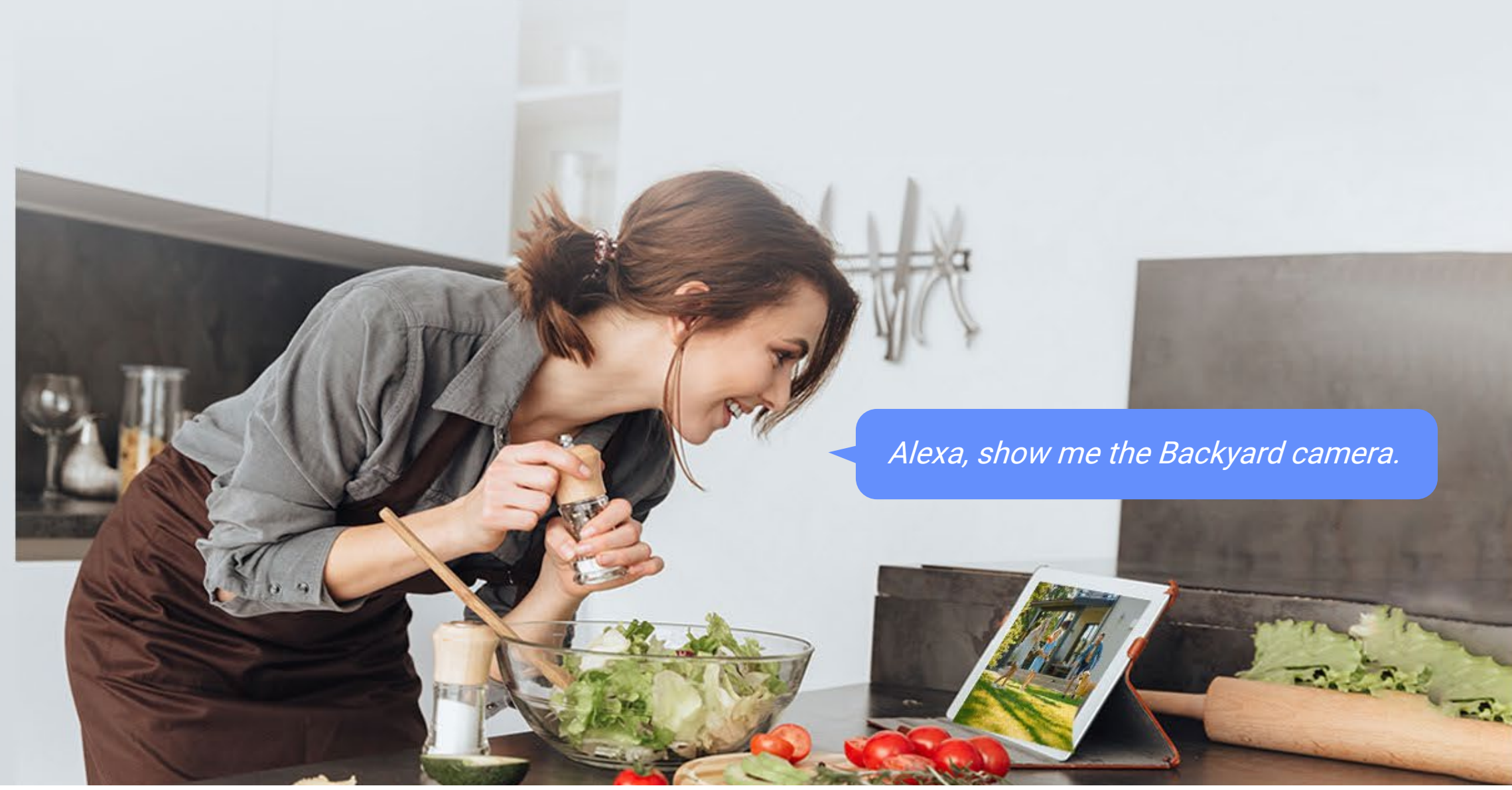
The EZVIZ EB3 features ultra-clear 2K resolution to provide advanced detail capturing. It makes sure you never miss a single important moment happening at home.

Crisp 2K



Smart integration, hands-free control

Easily manage your EB3 via the EZVIZ App. What's better, you can voice-enable the live viewing with "Hey Google" or "Alexa" to check what's happening on a bigger screen.



Communications can be this easy

Enjoy two-way audio by simply using your smartphone. Or, pre-record a 10-second voice message that automatically plays upon human motion detection.



Two-Way Talk



Customizable Voice Alerts

1 Data comes from EZVIZ Lab's test under standard conditions, based on an usage of 5 minutes per day. May vary due to environmental factors and the frequency of camera activities.

2The 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.

5The spotlight will not flash when color night vision mode is enabled.

6 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.

7 The charging efficiency may vary based on different environmental factors and the usage of the camera.

Specifications Model CS-EB3-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	2.8mm @ F1.6, Diagonal: 130°, Horizontal: 108°, Vertical: 56°
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
Night Vision Distance	IR Distance:15m, Color Night Vision Distance:15m

Video & Audio

Max Resolution	2304 × 1296
Frame Rate	15 fps. 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	1,5 Mbps

Network

Bluetooth	Bluetooth
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20MHz
Security	WPA-PSK/WPA2-PSK, WPA3-Personal
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	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

Storage

Local Storage	Supports microSD card for local storage (Up to 512GB)
Cloud Storage	Ezviz CloudPlay Storage

Specifications **Model CS-EB3-R200-1K3WFL**

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 × 63 × 63 mm (6.02 × 2.48 × 2.48 inch)
Packaging Dimensions	103 x 103 x 186 mm (4,06 x 4,06 x 7,32 in)
Weight	Net Weight: 222.7 g (7.85 oz) With Package: 569 g (20.07 oz)

Specifications CS-CMT-Solar Panel-F

Performance Parameter*

Power Voltage	6.36V±5%
Max. Power Current	660mA±5%
Max. Power	4.2W
Solar Cell Efficiency	21.6%
Operation Temperature	-20℃~60℃ (-4℉~140℉), Humidity 90% or less (non-condensing)
IP Grade	IP65

*Data from EZVIZ Lab's test results under standard testing conditions (STC): 1000W/m², AM1.5, 25°C, (38000-40000 LUX)

Mechanical Data


Solar Cell Type	Monocrystalline solar cells
Product Dimensions	216.25 × 149.58 × 2.4 mm (8.51 × 5.89 × 0.09 inch)
Packaging Dimensions	230 × 161 × 78 mm (9.06 × 6.34 × 3.07 inch)
Weight	With package: 611 g (21.5 oz) Panel body without bracket: 334 g (11.78 oz)

In the box

- EB3 Camera
- Screw Base
- Pin
- Power Cable
- Drill Template x2
- Screw Kit x2
- Regulatory Information
- Quick Start Guide x2
- EZVIZ Solar Panel-F
- Adjustable Mounting Bracket

Certifications

CE / FCC / UKCA / WEEE / REACH / RoHS

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