



EB8 Pro 4G + Solar Panel 8W

4G & Wi-Fi Smart Home Battery Camera Kit

All-day, every-day security with flexible power and connection

The EB8 Pro 4G Kit is a complete security bundle that includes everything you need for reliable, off-grid protection in one package. Its large-capacity solar panel powers the camera continuously, while the AOV mode 2.0 ensures that you never miss a moment. The camera automatically switches between 4G and Wi-Fi to stay connected, and advanced detection alerts you to people, vehicles, and even wild animals. This hassle-free kit delivers dependable, high-definition security — ideal for homes, cabins, farms, or any remote location.



Key Features

EB8 Pro 4G



4K Resolution



Dual Connectivity with 4G and Wi-Fi 6



360° Panoramic View



Always-On Video Mode 2.0



10,400 mAh Rechargeable Lithium Battery¹



AI-Powered Human / Vehicle Shape Detection



Wild Animal Detection²



Smart Tracking³



Balanced Image Exposure with Smart Lights



Two-Way Talk



Active Defense with Siren & Strobe Light



Easy Installation



Weatherproof Design



Smart Integration with Google Assistant & Amazon Alexa⁴

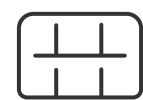


Supports MicroSD Card (up to 512 GB) & EZVIZ CloudPlay Storage⁵

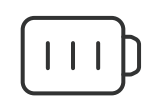
Solar Panel 8W



Eco-Friendly & Cost-Saving Solar Power Supply



High Light Absorption with Monocrystalline Silicon Cells



High Charging Efficiency (up to 8W)



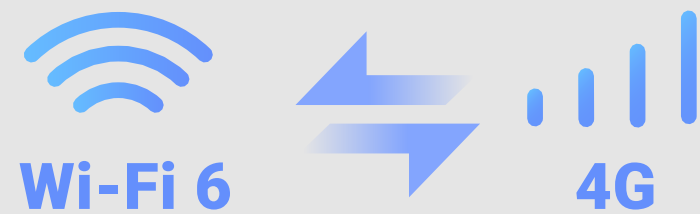
3-Meter Cable for Mounting Flexibility



Weatherproof Design

One camera that fits into every scenario

No matter where life takes you, this 4G camera has you covered. When Wi-Fi is spotty or goes offline, it automatically switches to 4G, so you're always connected with real-time alerts.



Nano SIM Card

Note: To use 4G connectivity, a compatible Nano SIM card and an active cellular data plan are required.



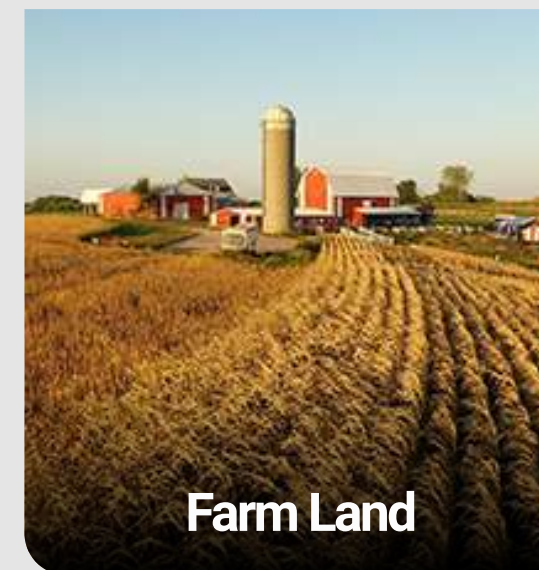
Villa Backyard



Household Garage



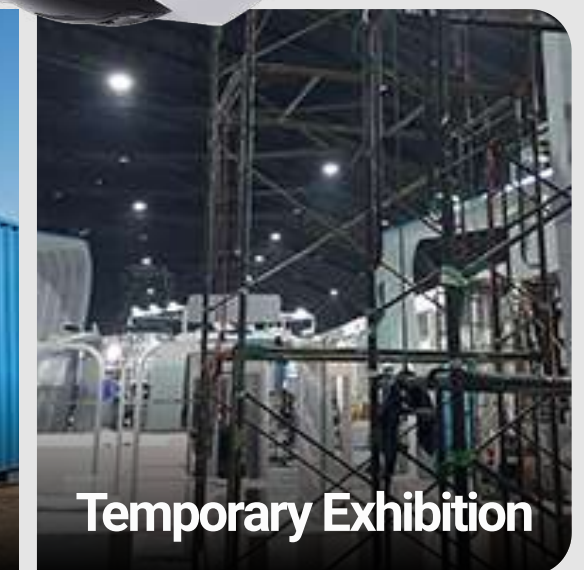
Forest Cabin



Farm Land



Construction Site



Temporary Exhibition

4K plus 360°, you deserve blindspot-free view

With its upgraded 4K lens and gentle 360° sweeping view, the EB8 Pro 4G wraps your space with sharper, more detailed images from every angle.



Stay alert to wild visitors for utmost peace of mind

Why you need wild animal detection?



Know before arrive, for wild
lives that you wish you don't
have to confront



Welcome or drive away
those who enter by mistake
while keeping the right distance



Record how they made
the mess and how big
was the damage



Quickly respond to those
that invade before they
cause any loss

EZVIZ's self-developed AI animal detection algorithm

It's always better to know immediately,
no matter it's good or bad. Add EZVIZ's
powerful AI capacity to your camera,
so it recognizes a long list of common
animals to keep you informed.



Keep an eye on every arrival

Whether someone's approaching your door or a car pulls into the drive, you'll know right away and get alerts that matter.



Smart Human Motion Detection



AI-Powered Vehicle Shape Detection



Customizable Detection Zone



No Subscription Fee



Follow every action for a complete activity

The EB8 Pro 4G automatically locks onto and tracks moving person, capturing their entire path for a clear view of what's going on.

Solar-powered security that never takes a moment off

What you face now

Short battery runtime

which disrupts camera operation

Event-based recordings only

which misses important background

No continuous 24/7 recording

which is unable for full-time monitoring

What EZVIZ offers



High-Capacity Rechargeable Battery

Stays vigilant to record all events with a single charge for uninterrupted protection



AOV Auto Mode

Optimizes time intervals to deliver up to 15 days¹ of all-day recording on a single charge



8W IP65 Solar Panel

Runs year-round on 2 hours¹ of sunlight a day and built to handle diverse outdoor uses

The game-changing technology for battery-powered protection

Unlike most battery cameras on the market, which have trouble detecting and recording videos due to short battery life and non-smart sensors, the camera is equipped with EZVIZ's groundbreaking AOV technology to enable all-day recording while ensuring a long standby time with a much greater detection distance.

[About the EZVIZ AOV Technology >](#)

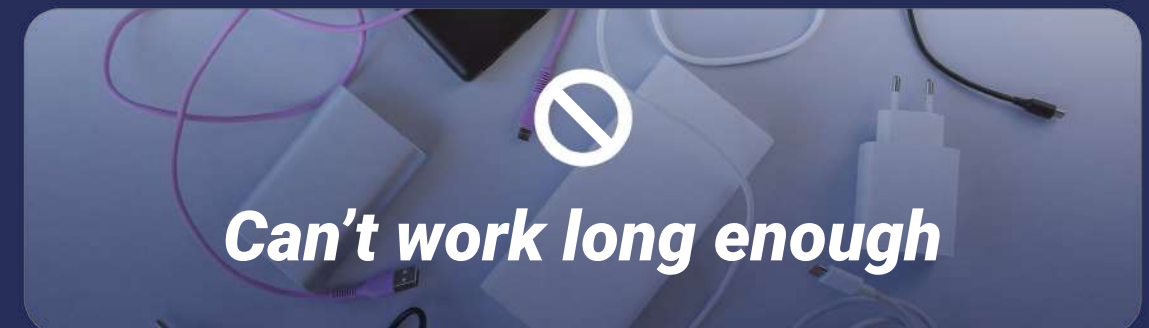


AOV

24/7 EZVIZ PROTECTION

VS

Most battery cameras in the market



01 Always records, scenes or events

In AOV mode, the EB8 Pro 4G takes photos at set intervals and turns them into a smooth time-lapse video⁶ that reveals changes throughout the day, even when nothing’s happening. When it detects motion, it automatically switches to regular video to capture all the details. This means you get full-day coverage on a battery-powered camera without needing to plug it in.

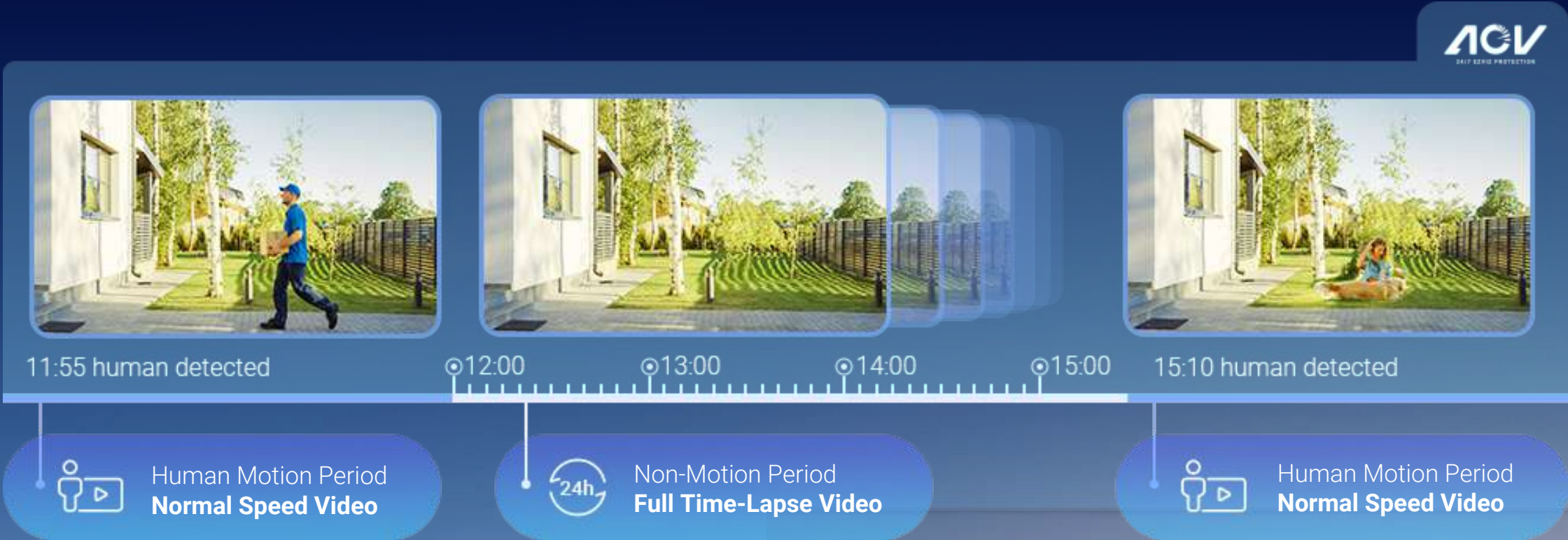
Now upgraded to AOV 2.0



Down to 1-Second Ultra-Short Time Interval



Wiser Battery Consumption for All-Day Recording



02 Always protects, far or near

Unlike other battery cameras that heavily rely on PIR sensors to capture only nearby activities, this camera can detect an approaching person or vehicle at a much greater distance. If a person or vehicle appears, it will immediately notice that and inform you straight away.



See the night in full color

No more blurry or dull night views. With an improved lens and a large F1.2 aperture, the camera captures more light, giving you clear, colorful night vision, even from a distance. You can also choose between color mode or infrared mode, depending on what works best for you.



2 Spotlights | Full-Color Night Vision



2 IR Lights | Black & White Night Vision

Capture every moment in perfect light

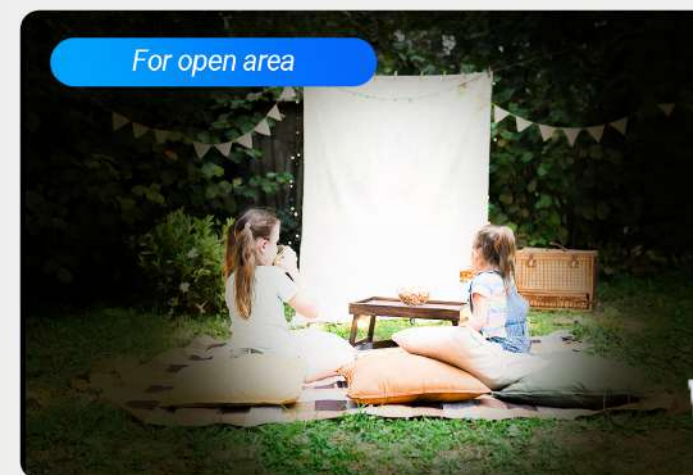
Wherever you place the EB8 Pro 4G, it gently adapts to the light to deliver clear, well-balanced images. You can easily turn on “Balanced Image Exposure” anytime through the EZVIZ App, no matter which night vision mode you choose.



Smartly reduces brightness to avoid overexposure



Automatically boosts image gain to see dark details



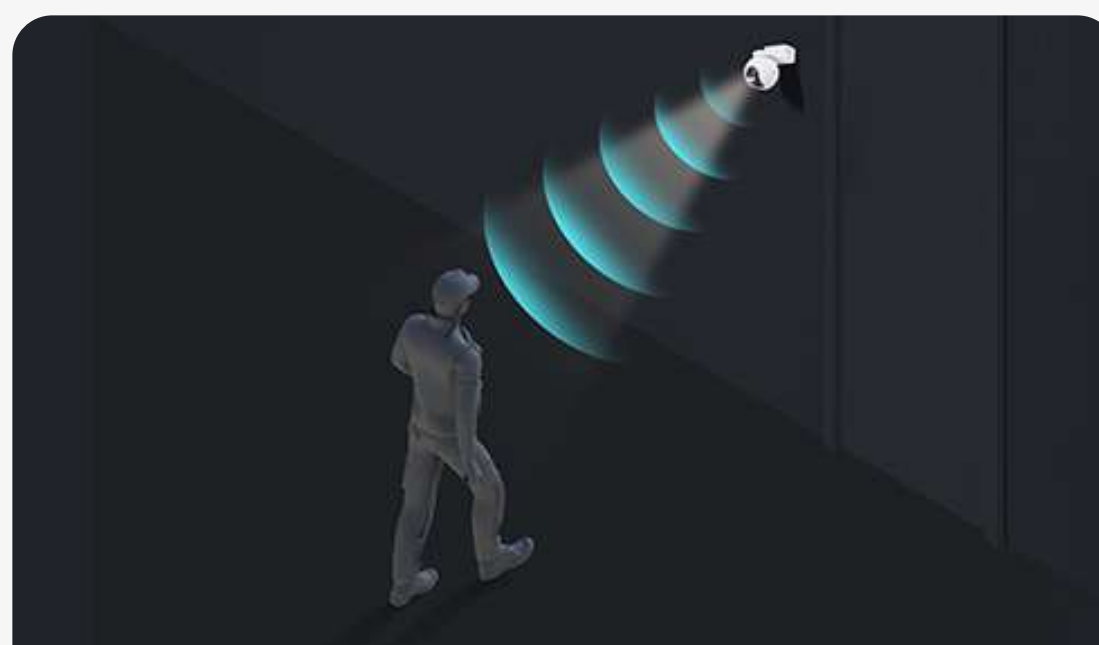
Without adaptative smart light



With adaptative smart light



Respond instantly with high-quality audio or pre-recorded messages.



Trigger siren and light to actively warn and deter on the site.



Operate stably, rain or shine, with a durable weatherproof housing.



Save your videos on a local large storage card, or use EZVIZ CloudPlay.⁵



Integrate and enjoy hands-free control by saying "Alexa" or "Hey Google".⁴



Enjoy H.265 videos for smoother viewing experience and more efficient storage.⁸

- 1 Data comes from EZVIZ Lab's test under standard conditions and may vary due to environmental factors and the frequency of camera activities.
- 2 To use the wild animal detection feature, users need to pay for additional subscriptions stated on the EZVIZ App. The animal detection feature is currently capable of capturing the common shapes of up to 21 animal species, including horse, sheep, pig, goose, zebra, bird, elephant, bear, crocodile, leopard, camel, cattle, monkey, snake, hippopotamus, lion, tiger, kangaroo, raccoon, fox, deer, and wolf. Note that the function is available in certain countries, please confirm before purchasing.
- 3 The EB8 Pro 4G camera only supports auto smart tracking on detected humans based on its AI-powered human shape algorithm.
- 4 Amazon Alexa and Google Assistant are not available in certain languages and countries.
- 5 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.
- 6 To use this function, a compatible microSD card (sold separately) must be inserted into the camera
- 7 When the AOV mode is enabled, according to EZVIZ Lab's test results under standard conditions, the camera is able to detect movements at a distance of up to 25 meters during the day, and up to 12 meters during the nighttime. Other tested battery models that use PIR-based detection usually have a detection distance of up to 9 meters. The actual detection range may differ due to environmental factors.
- 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.

Camera

Image Sensor	1/2.8" 8-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @(F1.2, AGC ON), 0 Lux with IR
Shutter Speed	Self-adaptive shutter
Lens	4mm@ F1.2 Diagonal angle: 104° Horizontal angle: 83° Vertical angle:44°
PT Angle	Pan: 340°, Tilt: 75°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	15 m

Video & Audio

Max Resolution	4K (3840 × 2160)
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	4 Mbps

Function

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

Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20 MHz
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	8 Mbps
4G LTE Frequency Bands	EU: LTE FDD: B1/B3/B5/B7/B8/B20/B28 LTE TDD: B38/B40/B41 LA: B1/B2/B3/B4/B5/B7/B8/B12/B 17/B28/B66 LTE TDD: B38/B40

Storage

Local Storage	Supports microSD card (max. 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 (Adapter needs to be purchased separately)
Battery Capacity	10,400 mAh
Power Consumption	Max.10 W
Product Dimensions	184 × 102 × 168 mm (7.24 × 4.02 × 6.61 inch)
Packaging Dimensions	205 × 145 × 194 mm (8.07 × 5.70 × 7.64 inch)
Product Weight	810 g (28.57 oz)
Weight with Package	1332 g (46.99 oz)

Performance Parameter

Power Voltage	5.4V±5%
Power Current	1.48A±5%
Open Circuit Voltage	6.8V±5%
Short Circuit Current	1.64A±5%
Max. Power	8W±5%
Interface	Type-C
Solar Cell Efficiency	≥ 22%
Operating Conditions	-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 meters
Product Dimensions	267.3 × 186.5 × 17.5 mm (10.51 × 5.83 × 0.69 inch)
Packaging Dimensions	282 × 194 × 70 mm (11.10 × 7.64 × 2.76 inch)
Weight	907 g (32 oz)

In the box

- EB8 Pro 4G Camera
- Solar Panel 8W
- Drilling Template
- Adjustable Mounting Bracket
- Screw Kit × 2
- Power Cable
- Regulatory Information × 3
- Quick Start Guide × 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.