EZVIZ™

EB8 4G **2K**

Pan & Tilt 4G Battery Camera

Make 360° protection mobile and reliable

Now, it's easier than ever to put security in action in the places you care about most. EZVIZ's newest camera overcomes installation limitations caused by networks or electricity. The EB8 4G is battery-powered with no strings – or cords – attached. It operates on 4G LTE networks in the outdoors where Wi-Fi may not be available. It also inherits key features from EZVIZ's popular outdoor pan & tilt predecessors to provide smart and reliable protection 24/7.

4G 4G Connectivity[1]

📍 Device GPS Location Viewing[2]

🖼 2K Resolution

🔄 Panoramic View

🔋+ Extra-Large Battery Capacity (10,400 mAh)[3]

🧍 Smart Human Motion Detection

💬 Two-Way Talk

Color Night Vision

🚨 Active Defense with Siren and Strobe Light

💧 Weatherproof Design

Works with EZVIZ Solar Panel (Type-C Version) for Battery Charging[4]

☁ Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage[5]

Made for the great outdoors

Wi-Fi and power can be a headache when it comes to outdoor protection.
The EB8 4G changes the game by operating with a large battery and 4G network.
The camera is weatherproof against rain and snow, and can stay charged using
sunlight through a compatible solar panel.

4G Extended Connectivity
with 4G LTE

Weatherproof
for the Outdoors

Supports Charging via Solar,
Green Energy*

Vacation Homes

Family Farms

Recreational Vehicles

Large Backyards

Warehouses

Renovation Sites

With 4G, it's portable & mobile

Wi-Fi coverage will no longer be a problem when finding that perfect
location to install the EB8 4G. Just install the camera any place with
a 4G LTE connection, and move it to another spot whenever you need.

Micro SIM Card

Nano to Micro Card Adapter Included

*The camera does not support using Wi-Fi network. A Micro Sim card and a cellular data
plan is needed to use the camera. If you need to use a Nano SIM card, please use the included
card adapter to convert it to the Micro size first.*

Check full list of supported regions and carriers here.

Know where your camera is with the built-in GPS

Even if you lose your camera in the wilderness or the woods,
it won't be lost thanks to the GPS locator function[2].

EZVIZ Green
Works with *EZVIZ Solar Panel*
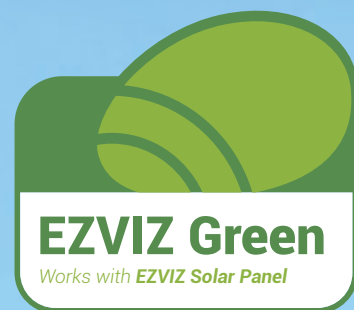
Large battery capacity, with eco-friendly charging options

The EB8 4G is 100% wire-free with built-in rechargeable batteries[3].
Going even further into the realm of sustainable green energy,
this camera can be connected to an EZVIZ Solar Panel[4] to harness
the power of the sun.

A sharp, smart eye that goes around your property

01 *Smarter detections for essential activities*

The EB8 4G is designed to provide smart notifications on detected activities. You can set the camera to detect all kinds of motion – including running animals – or enable the smart human motion feature to auto-track human activities.
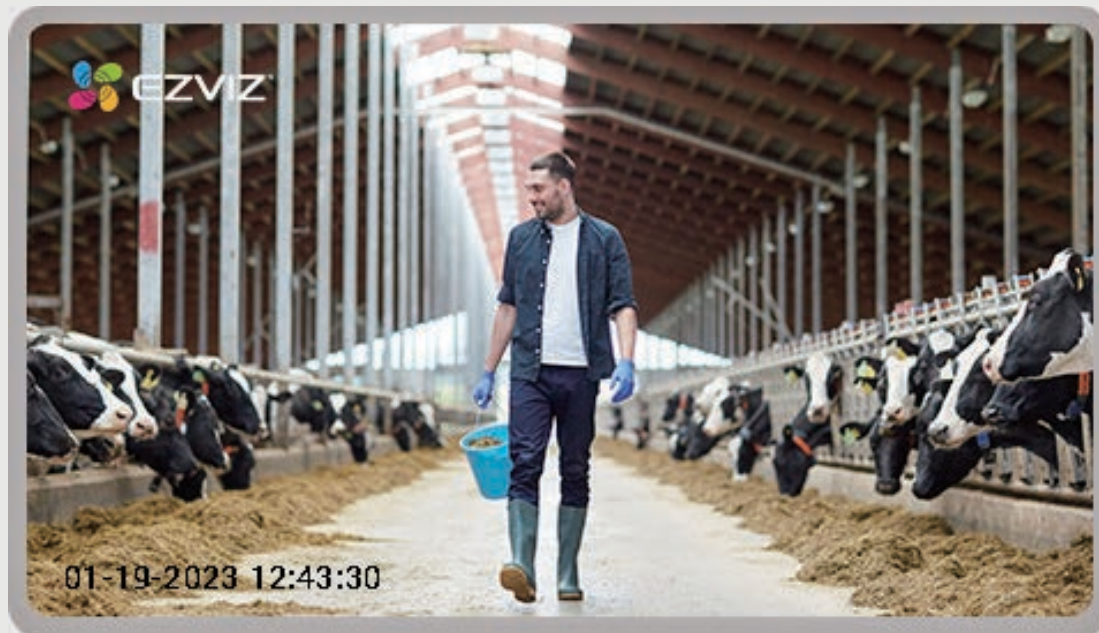
Smart Human Motion Detection

Auto-Tracking

Customizable Detection Zones

FREE No Subscription Fee

02 *360° plus 2K, for far less blind spots*

A bigger space needs a wider view, and that's where the EB8 4G comes in handy. It can pan and tilt
to take in a 360-degree field-of-view, and render details in 2K resolution to capture crucial moments clearly.

See in 360°

340°
Horizontal

80°
Vertical
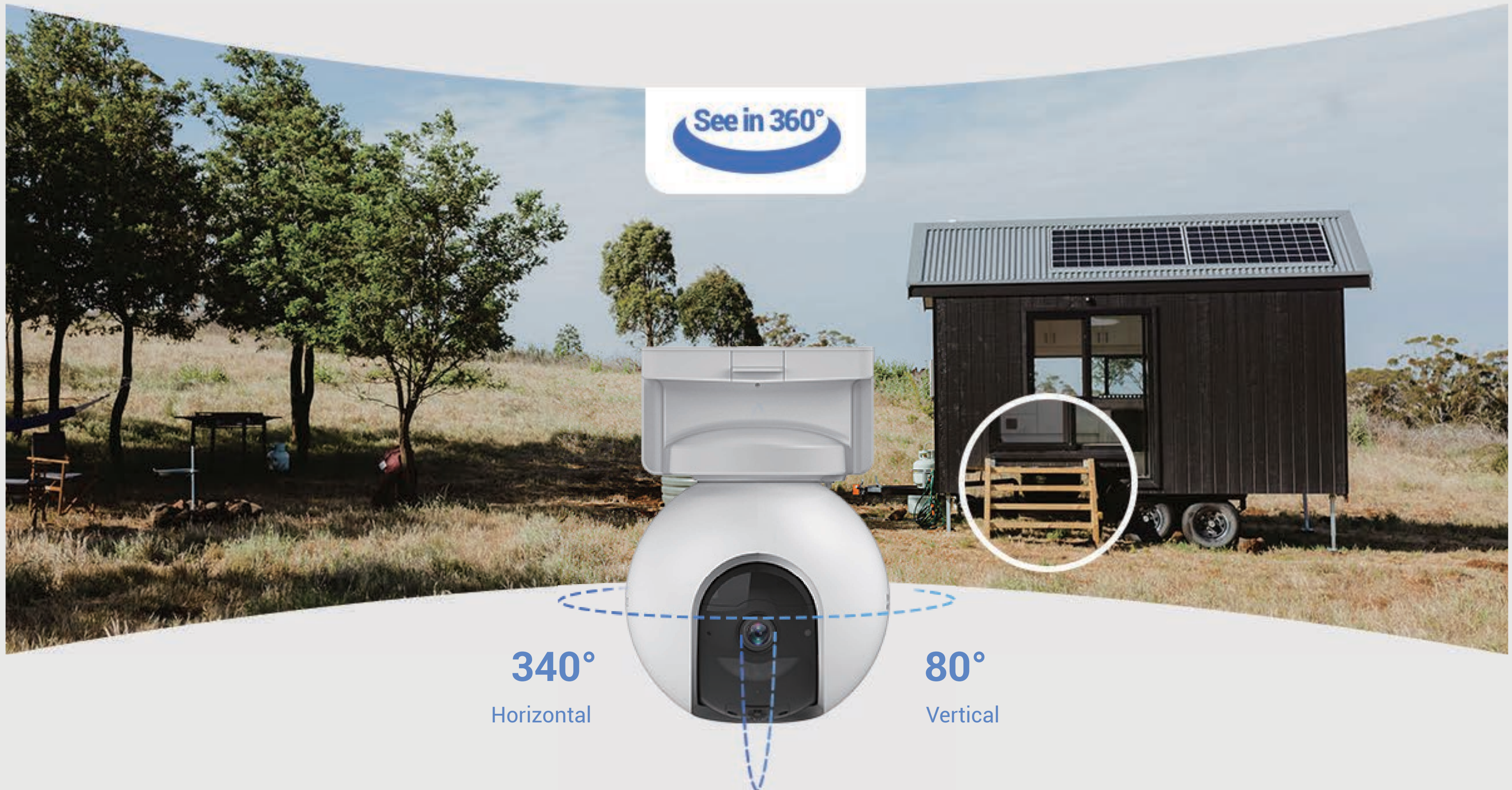
03 *One click return to the preset location*

No matter how complicated the tracking is, the camera always knows it's way back to your preferred viewing angle. You can pinpoint up to 12 angles via the EZVIZ App. Just click on your pre-set dots and the camera will automatically resume its place.

15:21

EB8 4G

EZVIZ
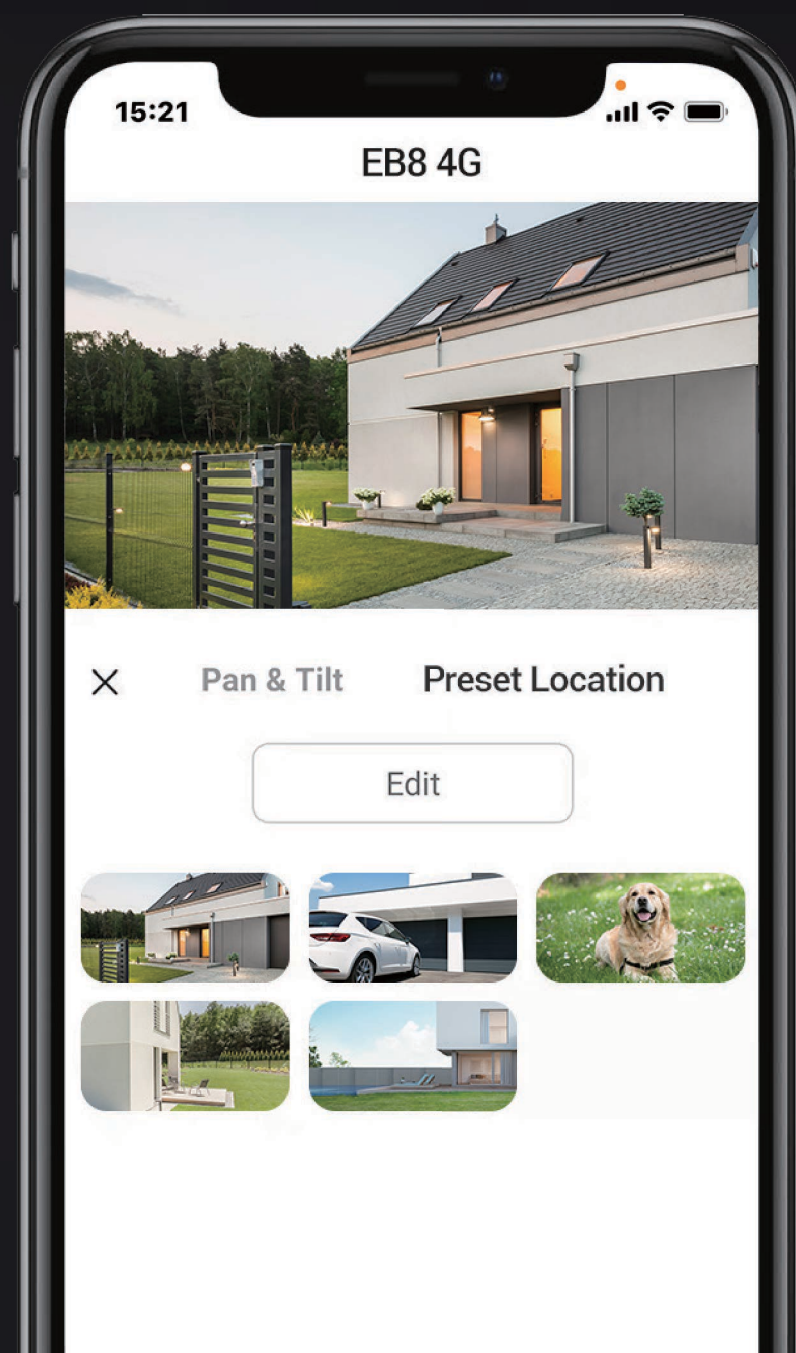
See every detail in color, from day to night

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Black-and-white images are now history. The EB8 4G uses its built-in spotlight to restore the colorful beauty of its natural surroundings, even when it's late at night. It would be very difficult to sneak in under the cover of darkness with the EB8 standing guard.

Full Color Night Vision

Up to 15 m (49 ft)

A vigilant guard who works around the clock

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The camera features an active defense function to provide an extra layer of protection. Upon detection of intruders, the camera will flash a spotlight[6] to let uninvited visitors know they have been detected.
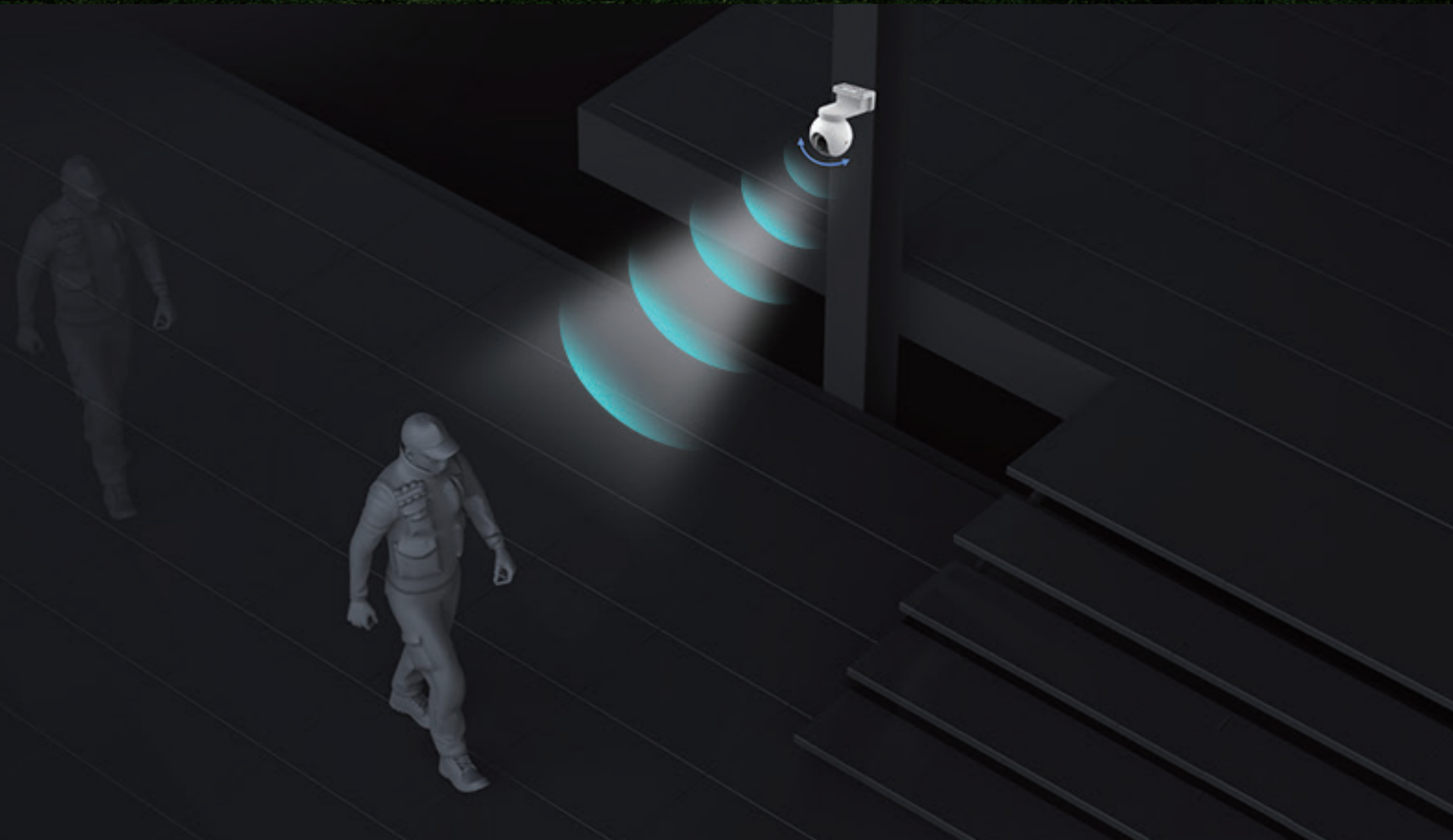
Speak to uninvited visitors using just your smartphone

Enjoy two-way communications by simply using your phone. Or, pre-record specific voice messages that automatically play when people are detected on camera.

Please leave my property!
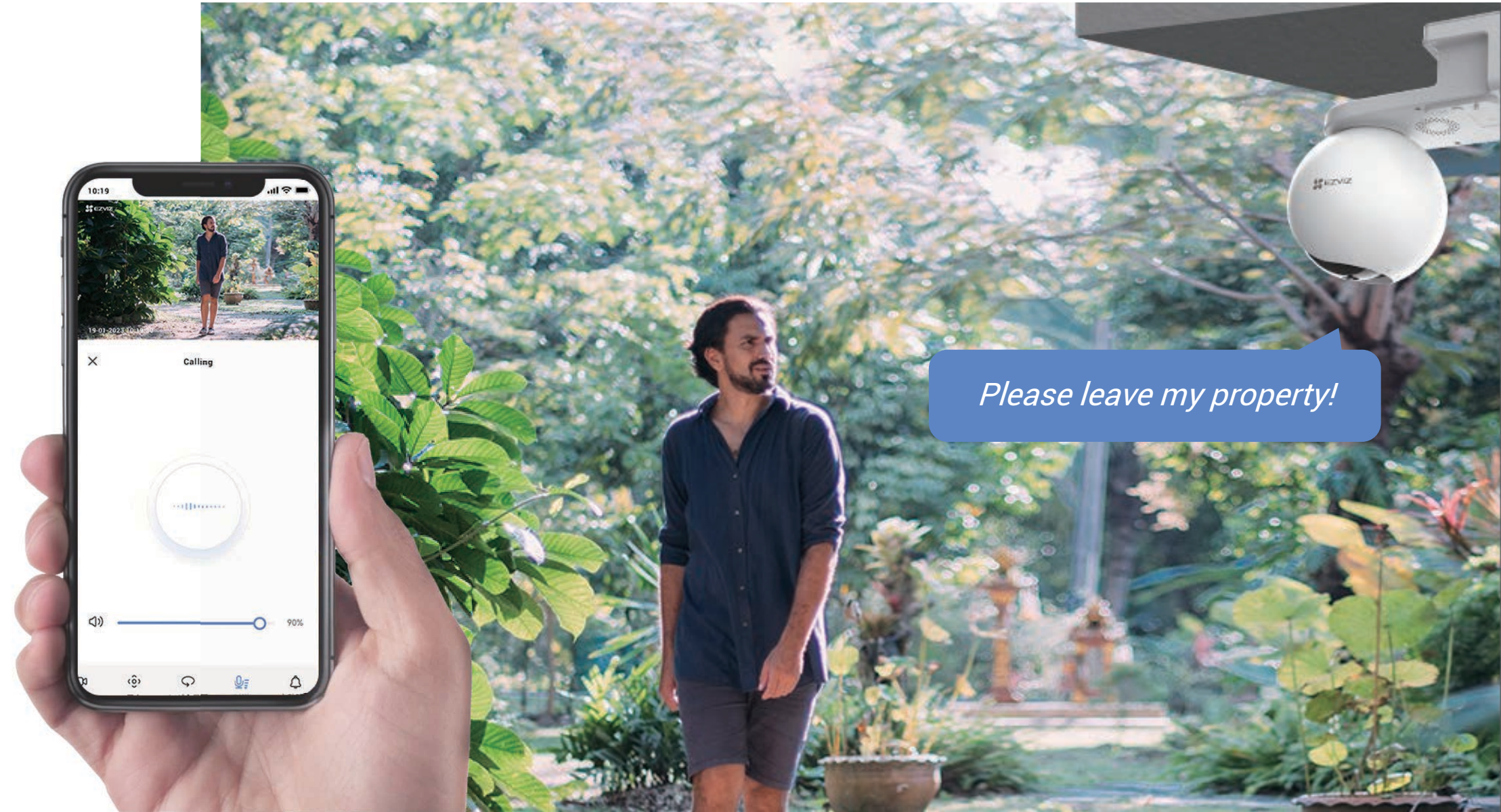
Smart integration, hands-free control

Easily manage your EB8 4G 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.

Alexa, show me the farm camera.
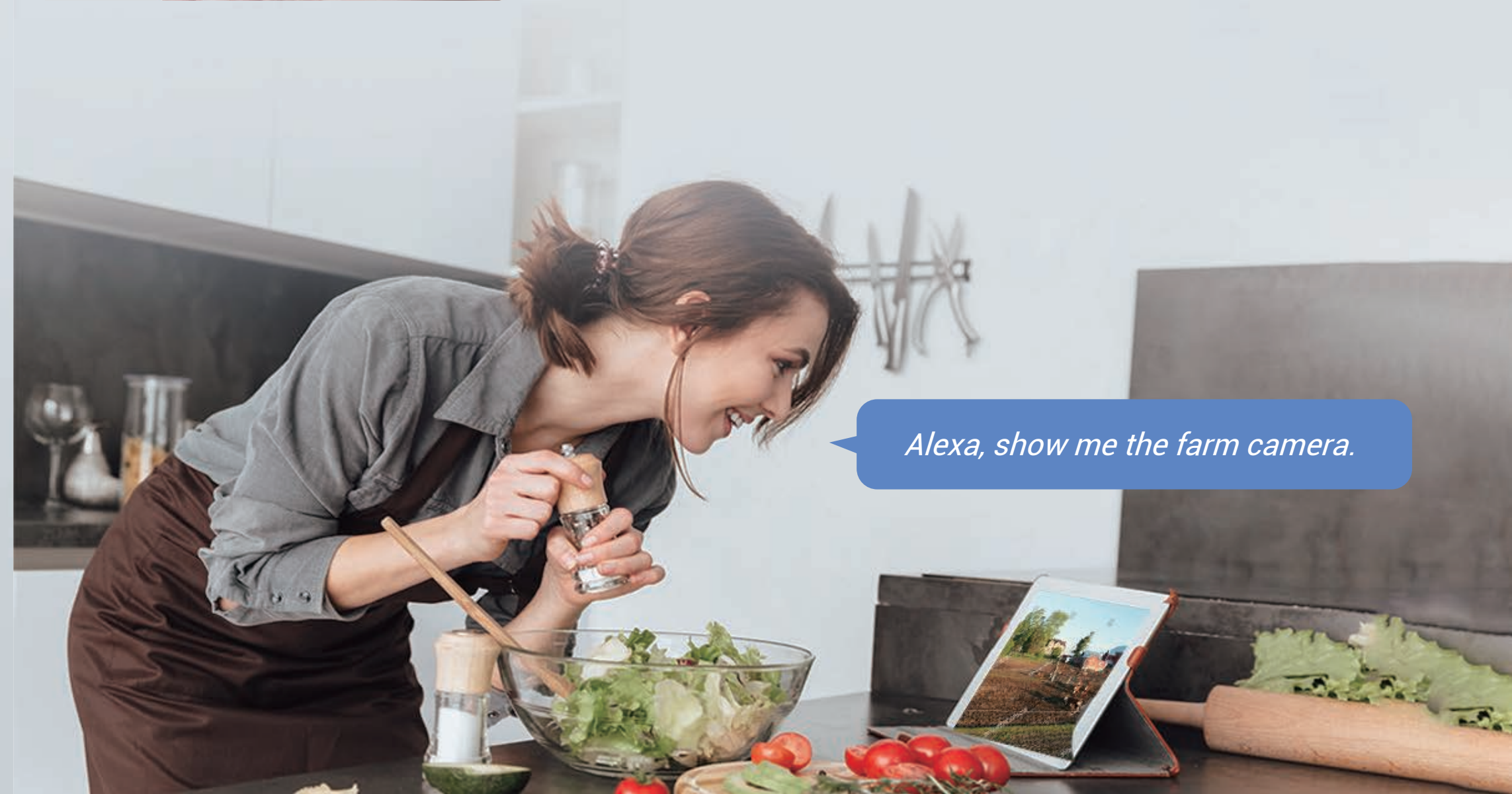
Large, safe storage options that you can trust

You can secure your recorded videos on a local microSD card of up to 512 GB, or subscribe to EZVIZ CloudPlay for fully-encrypted cloud storage[5].

Supports MicroSD Card
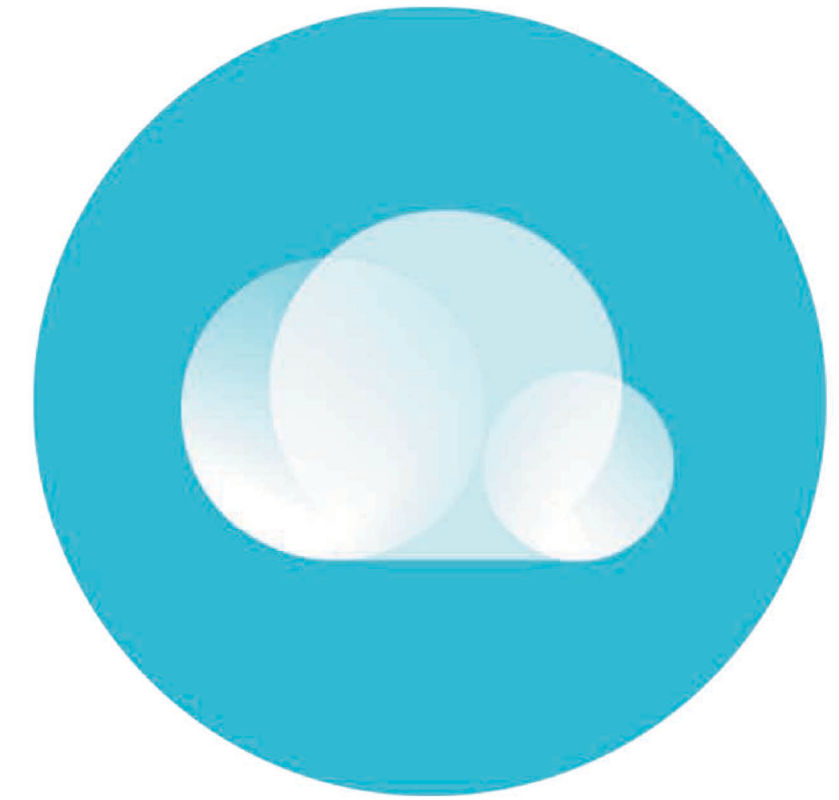
Supports EZVIZ CloudPlay Storage

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 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%[7].

50% ↓
Video Storage Space

50% ↓
Required Bandwidth

We do our best to protect data and privacy

TLS
Data Transmission Encryption

AES-128
Data Encryption

EZVIZ has been awarded by DNV for **information security** (ISO/IEC 27001:2013), **personal data protection** (ISO/IEC 27701:2019), **cloud security** (CSA STAR) and more.

1 Please note that the EB8 4G camera only operates with a 4G network and does not work with a Wi-Fi connection. The list of supported regions and carriers is continually updated; please find the full list at ezviz.com.

2 The GPS function is able to run properly only when the camera is installed in an open, outdoor environment. If you install the camera in an indoor space inside a building, the GPS may not function properly.

3 The camera battery life may vary due to the stability and/or signal strength of network carriers, environmental factors, and the frequency of camera activities.

4 The solar panel is not included in the kit. Currently the EZVIZ EB8 4G supports connecting with EZVIZ's specific solar panels with type-C charging ports. Please verify compatibility before making a purchase.

5 Local storage cards must be purchased separately. Cloud storage service is only available in certain markets. Please verify availability before making any purchase.

6 The spotlight will not flash when the Color Night Vision mode is enabled.

7 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, as well as other environmental factors.

Specifications   **Model** CS-EB8 (3MP,4GA)

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	Viewing angle: 100° (Diagonal), 83° (Horizontal), 44° (Vertical)
PT Angle	Pan: 340°, Tilt: 65°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision Distance	IR 15 m，Color Night Vision 15 m

Video & Audio

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

Network

Frequency Bands	EU: LTE FDD: B1/B3/B7/B8/B20/B28 LTE TDD: B38/B40 LA : LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B66 LTE TDD: B38/B40

Function

Smart Alarm	Smart human motion detection
GPS	Supports
Two-way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Storage

Local Storage	Supports microSD Card (Up to 512G)
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	10400 mAh
Power Consumption	Max. 10W
Product Dimensions	183 × 116 × 166 mm (7.20 × 4.57 × 6.52 inch)
Packaging Dimensions	216 × 145 × 203 mm (8.50 × 5.71 × 7.99 inch)
Weight	Net weight: 835 g (26.8 Oz) With package: 1072 g (34.4 Oz)

In the box

- EB8 4G Camera

- Drilling Template

- Type C Cable

- SIM Card Adapter

- Screw Kit

- Quick Installation Guide

- Regulatory Information

- Quick Start Guide

Certifications

CE / WEEE / RoHS / UKCA/ REACH

www.ezviz.com

EZVIZ Solar Charging Panel

The power station for EZVIZ Battery-Operated Cameras

Security Video For Smart Life

EZVIZ™

Security Video For Smart Life

01 02 03 04 05

Introduction **Features** **Operation** **SPEC** **Comparison**

01
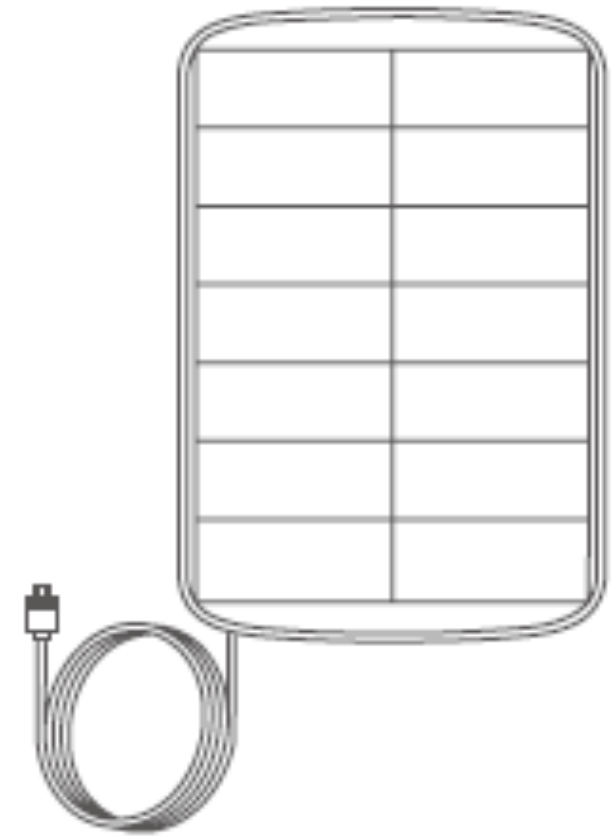
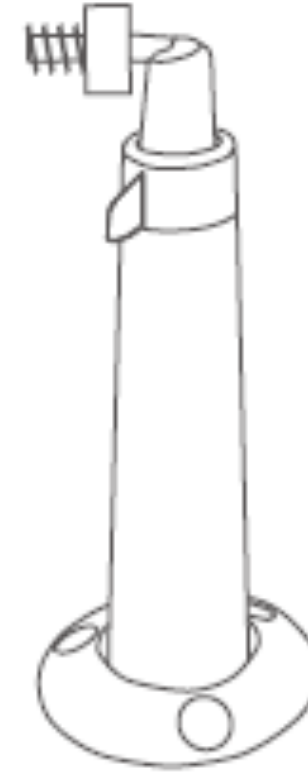Introduction

Appearance
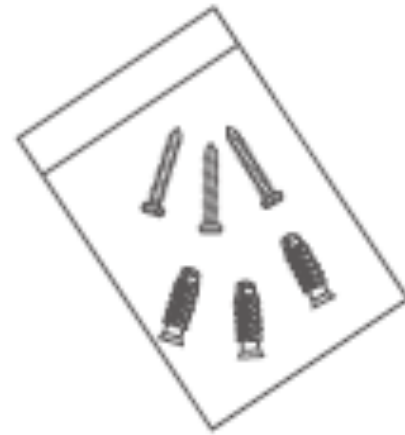
Dimensions

292.3mm

6.3mm

194.3mm
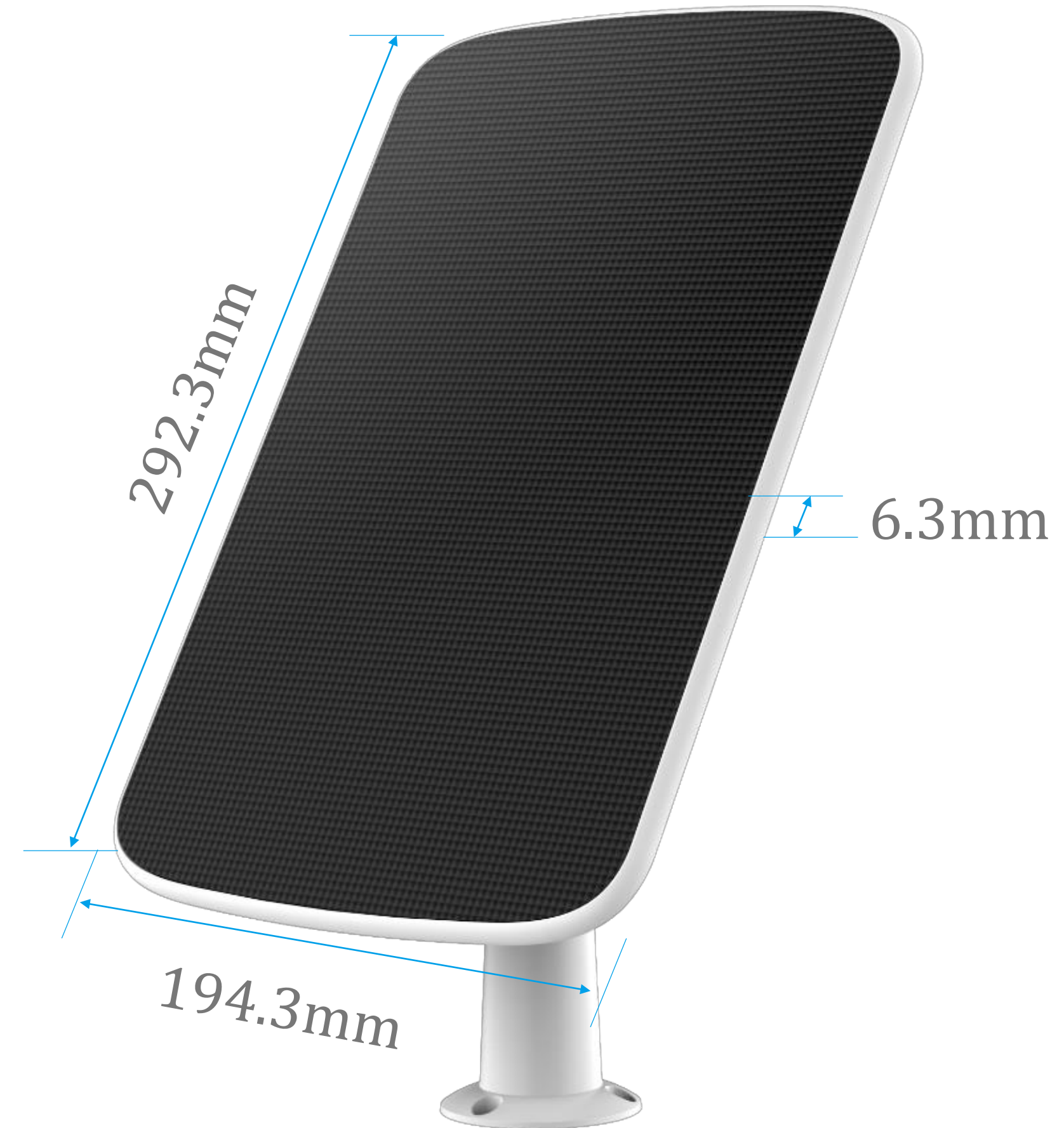
Box Contents

Solar Panel (x1)

Adjustable Mounting Bracket (x1)

Screw Kit (x1)

Quick Start Guide (x1)

ⓘ The solar panel appearance is subject to the actual one you have bought.

02

Features

Solar Charging Panel

Designed for EZVIZ Battery-Operated Cameras*

Connect your EZVIZ battery-powered camera to our
Weatherproof Solar Panel to capture the sun's free,
clean energy — and enjoy year-round security.

*Currently compatible with these models: CS-BC1C, CS-BC1-B1, CS-BC1-B2, CS-BC1-B3,
CS-BC1, CS-C3A (Version C). The list of compatible models will grow as we launch new
battery cameras. Please check for compatibility before purchasing.

Energy-saving and Eco-friendly
Solar Power Supply

High Efficiency with Monocrystalline
Silicon Cell Solution

Up to 6.18 W of Charging Power
for a Long-lasting Supply

4-Meter Cable for Mounting Flexibility

IP65 Weatherproof Protection
for Outdoor Use

Non-stop protection

Made of single crystalline silicon solar cells, the Solar Panel delivers up to **6.18 W** of power. It will max out on sunny days to make sure the battery camera has enough power to operate all day and night.

Non-stop protection.

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Made of single crystalline silicon solar cells, the Solar Panel delivers up to 6.18 W of power. It will max out on sunny days to make sure the battery camera has enough power to operate all day and night.

Weatherproof protection

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.

Weatherproof design.

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.

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. With 4 meters (13 feet) of cable, you will get the flexibility you need for great security and continual power.
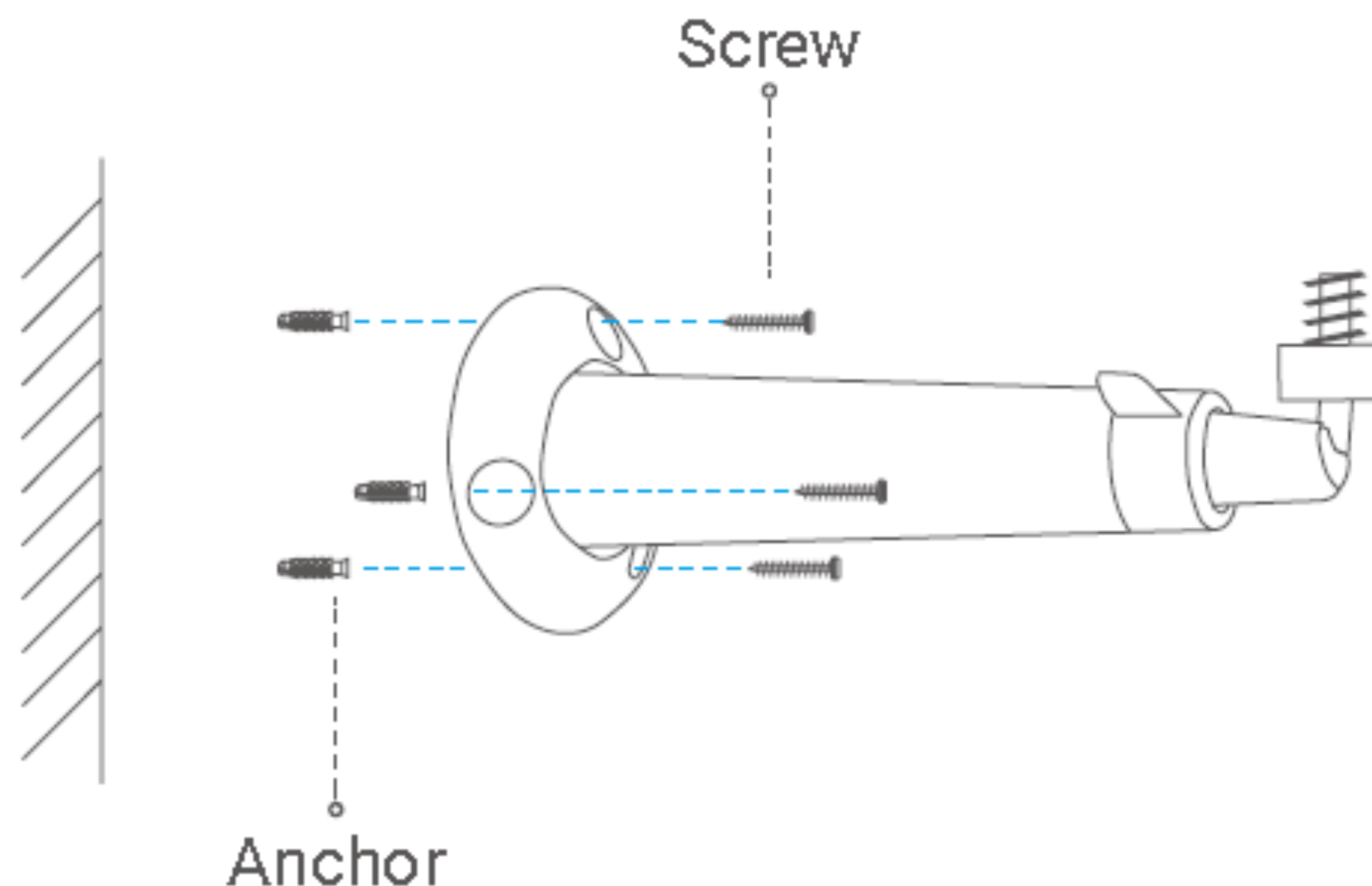
Up to 4 meters

03

## Operation

1.Install the bracket

1 Install the bracket
- (For the cement wall/ceiling only) Drill screw holes, and insert three anchors.
- Use three screws to fix the bracket.

Screw

Anchor

ⓘ When drilling holes for expansion bolts, please make sure that the diameter of the drill head is 5.5mm to 6mm, and that the hole depth is not less than 25mm.

2.Install the bracket

2 Install the Solar Panel

- Mount the solar panel on the bracket.
- Tighten the fixing screw.
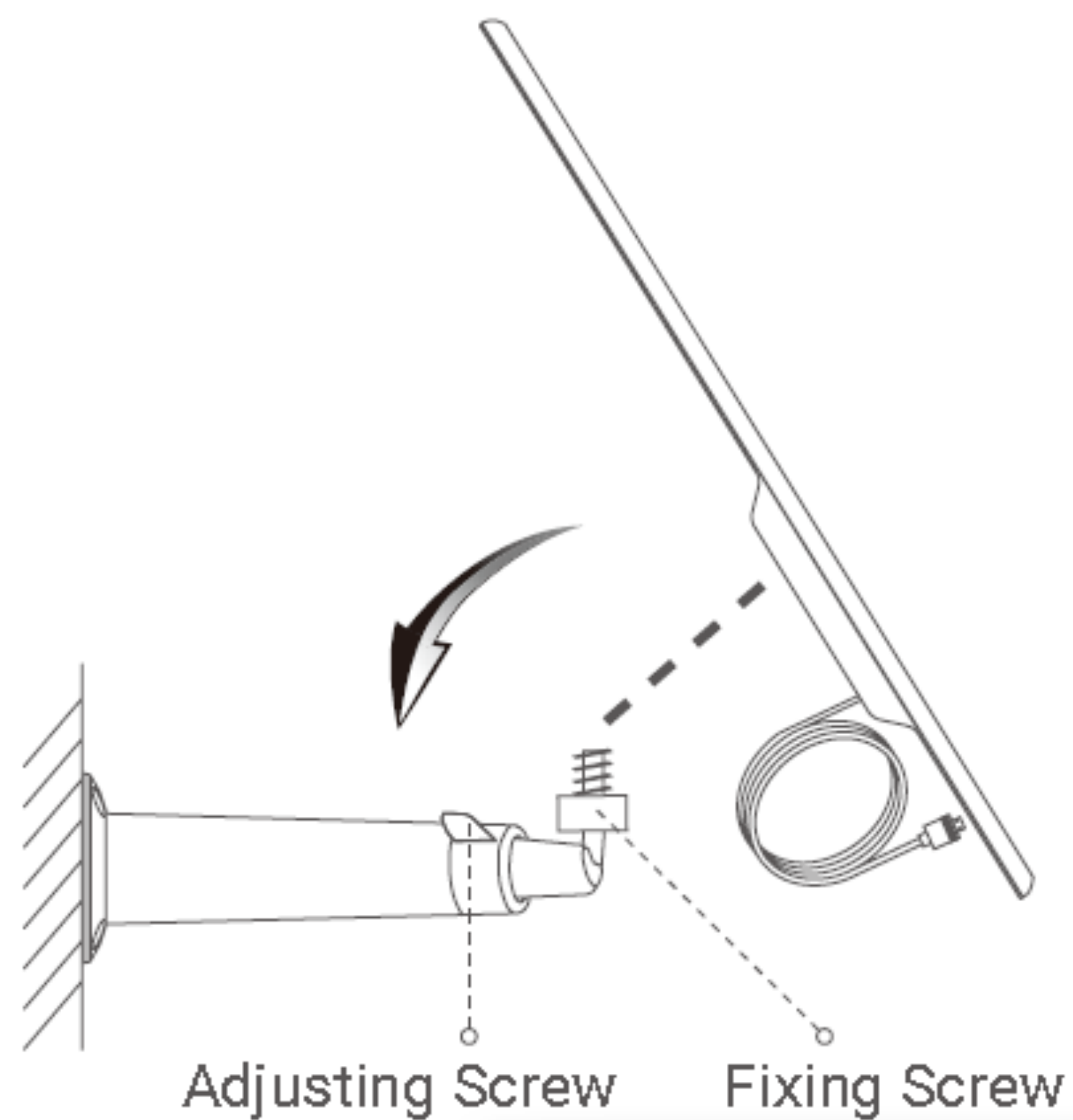
Adjusting Screw   Fixing Screw

3.Adjust the Angle

- Loosen the adjusting screw.
- Adjust the solar panel angle as your desired place.
- Tighten the adjusting screw when you have the solar panel in the position you want.

ⓘ
- Please do not place the solar panel completely parallel to the ground to avoid dust or other dirt.
- The solar panel should be tilted to receive maximum solar radiation and the recommended tilt angle is 25°-40°.

4.Charge the Battery Camera

4 Charge the Battery Camera
- Connect it with battery camera.

Waterproof Design Interface
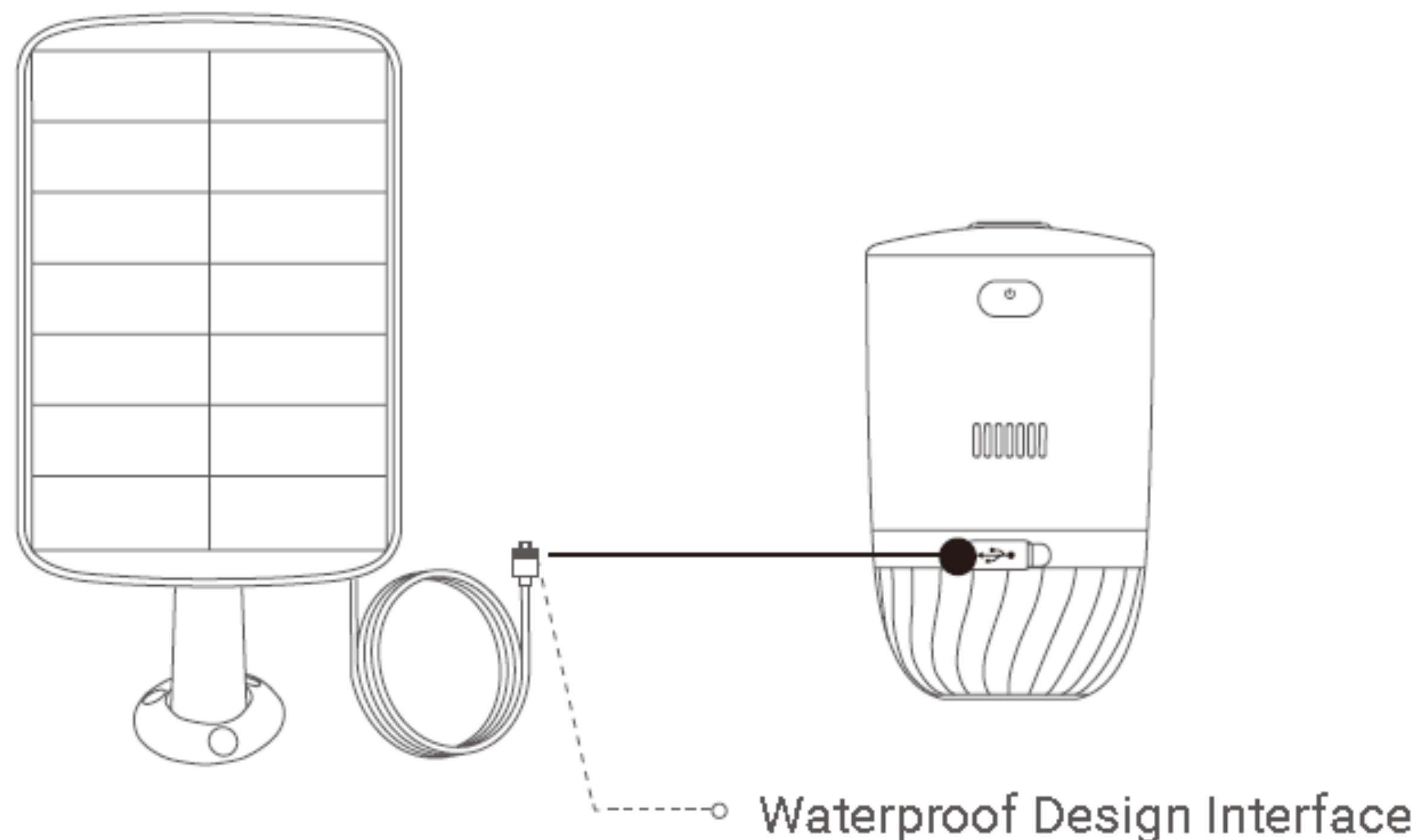
ⓘ
- In accordance with safety and regulatory requirements, the working environment temperature range for battery charging should be maintained at 0-45°C.
- For detailed information, please visit www.ezvizlife.com.

04
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SPEC

Specifications CS-CMT-Solar Panel-C

Performance parameter

Power voltage	6V ± 5%
Max. Power current	1030 mA ± 5%
Max. Power	6.18 W
Transformation efficiency	21.6%
Operation temperature	-20°C - 60°C (-4°F - 140°F); Humidity 90% or less (non-condensing)
IP Grade	IP65

Manufacturing process

Manufacturing process	Monocrystalline solar cells, PET laminated wood
Product Dimensions	292.3 × 194.3 × 6.3 mm (11.5 × 7.6 × 0.25 inch)
Packaging Dimensions	202.5 × 78.0 × 299.0 mm (7.9 × 3.0 × 11.7 inch)
Net Weight	1045 g (36.8 oz)

In the box:

- Solar Panel
- Adjustable Mounting Bracket
- Screw Kit
- Drill Template
- Quick Start Guide

Certifications:

ROHS / REACH / WEEE

Thank You

EZVIZ™
Security Video For Smart Life