



BC1c 4K + Solar Charging Panel Model F

Smart Home Battery Camera Kit

Smartly sharp in 4K, flexibly green in use

Designed to provide long-lasting outdoor security with minimal efforts, the BC1c solar camera kit frees you from complex power cabling and reduces the location constraints on camera installation, by adding a high-efficiency solar panel to the high-performance battery camera. In addition to unparalleled 4K clarity, robust functionality, tested durability and green awareness, the camera also comes equipped with EZVIZ's unique "Always-On-Video" Mode for automatic 24/7 protection.



Key Features

BC1c 4K



4K Resolution



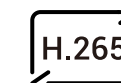
Always-On Video Mode¹



Up to 180 Days of Battery Life (10,400 mAh)²



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



H.265 Video Compression



AI-Powered Human/Vehicle Shape Detection



Color Night Vision



Two-Way Talk



Customizable Voice Alerts



Weatherproof Design



Active Defense



Supports Wi-Fi 6 Network (2.4 GHz)



Smart Integration with Google Assistant & Amazon Alexa³



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

Solar Panel F



Eco-Friendly & Cost-Saving Solar Power Supply



High Light Absorption with Monocrystalline Silicon Cells



High Charging Efficiency (Up to 4.2 W)



4-Meter Cable for Mounting Flexibility



Weatherproof Design

See beyond with 4K Ultra HD

The Ultra HD video is ready to bring even the smallest details to life and better secure what's important to you. Designed to watch over large outdoor area, the BC1c is powerful to monitor even complex activities in the garden, enhance driveway security or protect your garage.



Colorful details matter, day and night

Another addition to make the camera unparalleled in its vision is its F1.6 aperture. It ensures consistently bright, vivid footage in varying lighting conditions. You can also enable the built-in spotlight in the total darkness to enjoy colorful night vision.



2 Spotlights | Full-Color Night Vision



2 IR Lights | Black & White Night Vision

The power to protect, now always on

With EZVIZ's innovative AOV technology, the BC1c provides a plenty of recordings beyond PIR-triggered events, while managing power consumption much more efficiently.

[About the EZVIZ AOV Technology >](#)

- Please update your camera to the latest firmware version to use the full AOV functions. -

01 Always records, scenes or events

Want all-day recording video but worry about the battery will run out too quickly? Use the AOV mode. The BC1c can connect and process the images captured at preset time intervals to render a continuous time-lapse video that shows you changes in the environment.⁵ When an important human activity happens, the camera starts recording a normal video, so you don't miss an important detail.



Wiser Battery Consumption for All-Day Recordings

02 Always protects, far or near

When the AOV is on, the camera can detect an approaching person or vehicle at a much greater distance. If a person or vehicle appears in the camera, even if they are outside the range of the PIR sensor, the camera will notice that and inform you immediately.



Extended Detection Distance



Human Motion Period
Normal Speed Video



Non-motion Period
Full Time-lapse Video



Human Motion Period
Normal Speed Video

12-25 meters⁶

9 meters

AOV
24/7 EZVIZ PROTECTION
Continuous Recording

Standard
PIR-Triggered Recording

Advanced detection, no extra cost

Once installed, the BC1c starts watching over your home with AI-powered functions – you don't need to pay to unlock such features. The BC1c cleverly distinguishes between people and vehicles. You can also customize detection zones and sensibility to stay informed of only important activities, avoiding a flood of unnecessary mobile alerts.



 AI-Powered Human Shape Detection



 AI-Powered Vehicle Shape Detection

Go wire-free and go solar

With its 10,400 large battery capacity, the BC1c 4K runs up to 180 days on one single charge² to free you from many hassles. What's better? It can get power from an EZVIZ Solar Panel to deliver non-stop protection.

 No base station needed

 No wiring needed



Enhanced connectivity in even large houses

Even when installed outside of houses with thick walls and large transmission range, the BC1c is able to remain vigilant and responsive with a stable Wi-Fi network, thanks to the Wi-Fi 6 technology.

Low-latency
4K Streaming

Extended Range
& Coverage

Enhanced
Connectivity

No Hub Required



Installation is a breeze

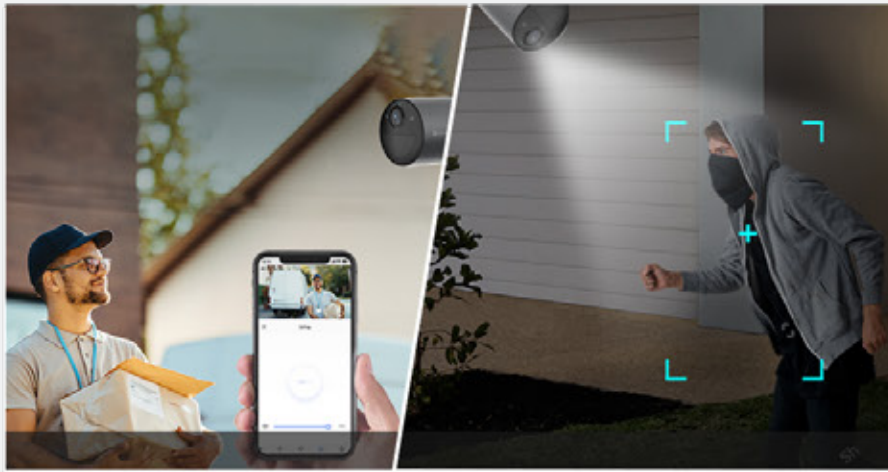
The BC1c doesn't require you to be a stellar electrician or installer. You can snap it to any metallic surface and enjoy its mobility. Or, you can securely mount it to a wall, under the roof, or a pole with the included screw base and bracket.



Magnetic Base

Screw Base

Pole Mounting Bracket
(sold separately)



High-quality audio to respond & warn

Easily respond to any visitor by simply using your phone to speak remotely. The BC1c can also auto-play a recorded voice message when a motion is detected.



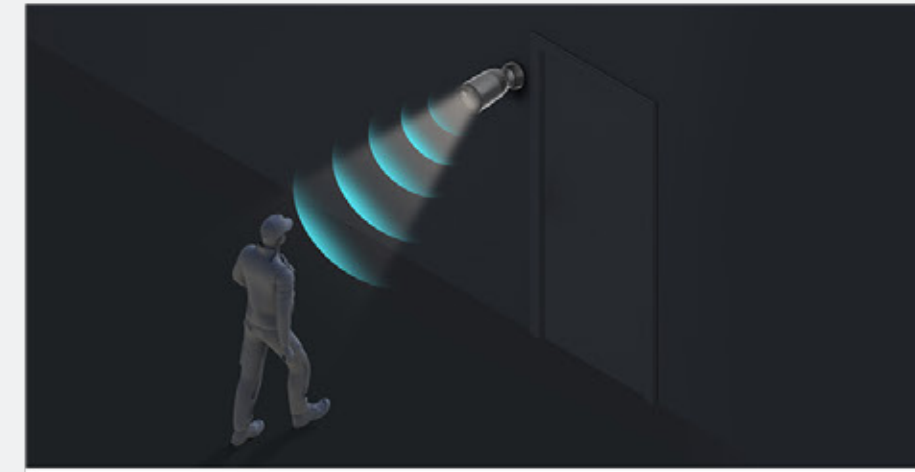
H.265 for enhanced video experience

The H.265 creates a smoother viewing experience while only using about 50% of the data storage space required by cameras with H.264.⁷



Smart integration for hands-free control

The BC1c supports easy integration to your existing voice assistants. You can pull up the video feed by simply saying "Alexa" or "Hey Google".³



Active defense to deter & safeguard

Upon detection of intruders, the camera will set off a loud siren and flash two dazzling spotlights⁸ to let the uninvited strangers know they have been detected.

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 running⁹. 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

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.



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



- 1 Please update your camera to the latest firmware version to use the full AOV functions.
- 2 Data from EZVIZ Lab's test results, under the condition that the camera only operates with the fully charged onboard battery and does not consume additional power converted by the integrated solar panel. The data is obtained based on the usage of 5 minutes per day, including the activities of camera detection and auto-triggered recording. Actual use may vary due to environmental factors and the frequency of camera activities.
- 3 Amazon Alexa and Google Assistant are 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.
- 5 To use this function, a compatible microSD card (sold separately) must be inserted into the camera.
- 6 When the AOV mode is enabled, according to EZVIZ Lab's test results under standard conditions, the BC1c is able to detect movements at a distance of up to 25 meters during the day, and up to 12 meters during the nighttime. The actual detection range may differ due to other environmental factors.
- 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, and other environmental factors.
- 8 The spotlights will not flash when color night vision mode is enabled.
- 9 The charging efficiency may vary based on different environmental factors and the usage of the camera.

Specifications CS-BC1c-R100-2F8WFL

Camera Parameters

Image sensor	1/2.7" 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	2.8mm@ F1.6 Diagonal angle: 135° Horizontal angle: 113° Vertical angle: 60°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	IR Distance:15m, Color Night Vision Distance:15m

Video & Audio

Max Resolution	3840*2160/4K/8MP
Frame Rate	15fps. Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Ultra HD; Quad HD; Full HD; Hi-Def Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	4 Mbps

Function

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

Network

Bluetooth	Supports
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Support 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	8 Mbps

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	10400 mAh
Power Consumption	Max.10W
Product Dimensions	149.33mm x 62.95mm x 62.95mm
Packaging Dimensions	103x103x186mm
Weight	Net Weight: 348g With Package: 671g

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°C - 60°C (-4°F - 140°F), 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

- EZVIZ BC1c Camera
- EZVIZ Solar Panel-F
- Magnetic Base
- Adjustable Mounting Bracket
- Screw Base
- USB Cable
- Drill Template*2
- Screw Kit*2
- Regulatory Information
- Quick Start Guide
- Pin

Certifications

CE / WEEE / ROHS / REACH

Specifications are subject to change without notice. "🌈", "EZVIZ" and other EZVIZ's trademarks and logos are the properties of EZVIZ in various jurisdictions. Other brands and product names are trademarks or registered trademarks of their respective holders.