

## EZVIZ CS-CB3/SP (2K,4GA)

# EZVIZ CB3 Kit 2K 4G LTE Outdoor Camera User Manual

Model: CS-CB3/SP (2K,4GA)

## 1. INTRODUCTION

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This manual provides essential instructions for the installation, operation, and maintenance of your EZVIZ CB3 Kit 2K 4G LTE Outdoor Camera. This camera system is designed for outdoor security, offering 2K resolution, 4G LTE connectivity, a 5200mAh battery, and a solar panel for continuous power. Please read this manual thoroughly before using the product to ensure proper function and safety.

## 2. PACKAGE CONTENTS

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Verify that all components are present in your package:

- EZVIZ CB3 4G Camera
- Solar Panel
- Screw Base
- Power Cable (Type-C)
- Drilling Template
- Screw Set
- Quick Start Guide (this document)

## 3. SETUP

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### 3.1 Initial Charging

Before first use, fully charge the camera's 5200mAh battery using the provided Type-C power cable and a standard USB power adapter (not included). The charging indicator will typically turn solid green when fully charged.

### 3.2 SIM Card Insertion

The CB3 camera operates on a 4G LTE network. Insert a Nano SIM card (not included) into the designated slot on the camera. Ensure the camera is powered off before inserting or removing the SIM card.

### 3.3 App Installation and Pairing

1. Download the EZVIZ app from your smartphone's app store (iOS or Android).
2. Create an EZVIZ account and log in.
3. Power on the camera.
4. In the EZVIZ app, tap the '+' icon to add a new device. Scan the QR code located on the camera or its packaging.
5. Follow the on-screen prompts to complete the pairing process. This will typically involve configuring network settings for the 4G LTE connection.

### 3.4 Mounting the Camera and Solar Panel

Select a mounting location that provides optimal sunlight exposure for the solar panel and a clear view for the camera. Use the drilling template and screw set to securely attach the screw base to a wall or tree. Mount the camera onto the base. Connect the solar panel to the camera using the power cable. Ensure the solar panel is angled to receive maximum direct sunlight throughout the day.



*Image: The EZVIZ CB3 camera and solar panel are shown mounted on a tree, illustrating how the system protects areas with 4G network coverage. A Nano SIM card is also depicted.*



# 4G Outdoor security made easy and reliable



Family Farms



Vacation Homes



Recreational Vehicles



Large Backyards



Renovation Sites



Warehouses

*Image: A collage of six images demonstrating the versatility of 4G outdoor security. Scenarios include family farms, vacation homes, recreational vehicles, large backyards, renovation sites, and warehouses.*

## 4. OPERATING INSTRUCTIONS

### 4.1 4G LTE Connectivity

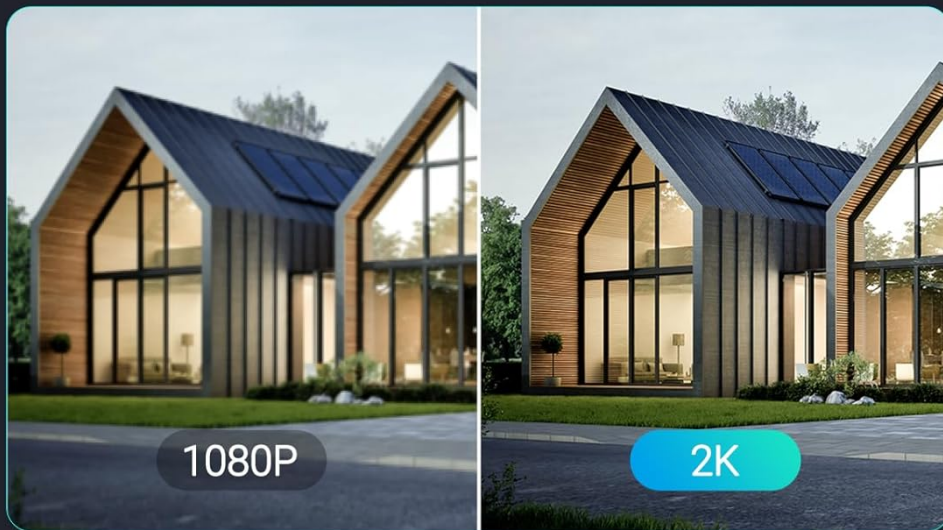
The camera utilizes a 4G LTE network for data transmission, allowing for remote monitoring in locations without Wi-Fi access. Ensure your SIM card has an active data plan for continuous operation.

### 4.2 2K Resolution and Color Night Vision

The CB3 camera captures video in 2K resolution (1296p) for clear and detailed images. Its F1.6 aperture and integrated spotlight enable vivid color night vision, even in low-light conditions.

## 2K QHD Crystal Clear View

Crisp 2K



*Image: A visual comparison demonstrating the enhanced clarity of 2K QHD resolution compared to 1080p, highlighting the crisp view provided by the EZVIZ CB3 camera.*

### 4.3 AI-Powered Person/Vehicle Detection and Active Defense

The camera features intelligent detection capabilities, distinguishing between human and vehicle shapes to reduce false alarms. Upon detection of an intruder, the camera can activate a powerful siren and two spotlights to deter them, while simultaneously sending a push notification to your smartphone.



**AI-Powered Human Shape Detection**



**AI-Powered Vehicle Shape Detection**

*Image: A smartphone screen displaying the EZVIZ app interface, showing AI-powered detection of both a human figure and a vehicle within the camera's view, indicated by bounding boxes.*

#### **4.4 Always-On Video (AOV) Mode**

The AOV mode provides continuous 24/7 surveillance with minimal power consumption. It captures images at defined intervals to create a continuous time-lapse video during non-motion periods, switching to normal speed video when human motion is detected. This optimizes battery life while maintaining constant coverage.



# The power to protect, now always on

**AOV**  
24/7 EZVIZ PROTECTION



Human Motion Period  
**Normal Speed Video**



Non-motion Period  
**Full Time-Lapse Video**



Wiser Battery Consumption  
**for 24/7 Recordings**

*Image: A visual representation of the Always-On Video (AOV) mode, showing how the camera records normal speed video during human motion periods and full time-lapse video during non-motion periods, optimizing battery consumption for 24/7 recordings.*

## 4.5 Two-Way Audio

Communicate directly with visitors or deter intruders using the camera's built-in microphone and speaker. You can also pre-record specific voice messages to be played automatically upon motion detection.

## 4.6 Flexible Storage Options and H.265 Compression

The camera supports local storage via a microSD card (up to 512GB, not included) or cloud storage through an EZVIZ CloudPlay subscription. Advanced H.265 video compression technology ensures better video quality while reducing bandwidth and storage space requirements by approximately 50%.

## Flexible Storage Options



Image: A graphic illustrating the flexible storage options available, including a 512GB microSD card and EZVIZ Cloud. It also highlights end-to-end data encryption using AES for data and TLS for transmission.

### 4.7 Smart Home Integration

The EZVIZ CB3 camera is compatible with Amazon Alexa and Google Assistant, allowing for voice control and integration into your smart home ecosystem.

## 5. MAINTENANCE

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### 5.1 Battery Management

While the solar panel provides continuous charging, in prolonged periods of low sunlight, the camera's battery may require manual charging. Monitor the battery level via the EZVIZ app and recharge as needed using the Type-C cable.

### 5.2 Cleaning

Regularly clean the camera lens and the surface of the solar panel to ensure optimal performance. Use a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surfaces.

## 5.3 Firmware Updates

Keep your camera's firmware updated to ensure the latest features, security patches, and performance improvements. Firmware updates can typically be initiated through the EZVIZ app.

# 6. TROUBLESHOOTING

## 6.1 Camera Not Connecting to 4G Network

- Ensure the Nano SIM card is correctly inserted and has an active data plan.
- Check for 4G signal strength in the camera's location via the EZVIZ app.
- Restart the camera.
- Contact your mobile network provider to confirm SIM card activation and data services.

## 6.2 Battery Draining Quickly

- Verify the solar panel is receiving sufficient direct sunlight. Clear any obstructions.
- Adjust detection sensitivity settings in the EZVIZ app to reduce unnecessary recordings.
- Ensure AOV mode is configured correctly for optimal power saving.
- Check for excessive live view access, which consumes battery.

## 6.3 No Video Recording

- Check if a microSD card is inserted and properly formatted, or if your CloudPlay subscription is active.
- Ensure motion detection is enabled in the app settings.
- Verify the camera has sufficient battery power or is receiving power from the solar panel.

## 6.4 Poor Image Quality

- Clean the camera lens.
- Ensure the camera is securely mounted and not vibrating.
- Check the video resolution settings in the EZVIZ app.

# 7. SPECIFICATIONS

Model	CS-CB3/SP (2K,4GA)
Resolution	2K (1296p)
Battery Capacity	5200mAh (Lithium-ion)
Connectivity	4G LTE (Nano SIM required)
Power Source	Solar Powered / Type-C USB
Night Vision	Color Night Vision (with spotlight)
Detection	AI-Powered Person/Vehicle Detection
Audio	Two-Way Audio
Storage	MicroSD (up to 512GB) / EZVIZ CloudPlay
Video Compression	H.265



Dimensions (Camera)	10 x 10 x 10 cm
Weight (Camera)	880 grams
Installation Type	Screw-on / Wall Mount
Recommended Use	Outdoor Security

## 8. WARRANTY INFORMATION

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EZVIZ products are covered by a limited manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official EZVIZ website. Keep your purchase receipt as proof of purchase for warranty claims.

## 9. SUPPORT

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For technical assistance, product inquiries, or further support, please visit the official EZVIZ support website or contact their customer service. You can typically find contact information and FAQs on the EZVIZ website:

[EZVIZ Official Support](#)