EZVIZ CB8

EZVIZ CB8 2K Battery-Powered Outdoor WiFi Camera Instruction Manual

MODEL: CB8 | BRAND: EZVIZ

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EZVIZ CB8 2K Battery-Powered Outdoor WiFi Camera. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance. Keep this manual for future reference.

2. Product Overview

The EZVIZ CB8 2K camera is a 100% wire-free outdoor security camera designed for comprehensive surveillance. It features a 2K resolution, 360-degree panoramic view, AI-powered human detection, auto-tracking, and color night vision. Its battery-powered design offers flexible placement options without the need for constant power outlets.

Figure 1: EZVIZ CB8 2K Battery-Powered Outdoor WiFi Camera and its mobile application interface.

3. Setup

3.1. What's in the Box

- EZVIZ CB8 2K Camera
- Mounting Plate
- Power Adapter and Cable
- Drill Template
- Screw Kit
- Quick Start Guide

3.2. Installation

The CB8 camera is designed for wall mounting. Use the provided drill template to mark the screw positions. Secure the mounting plate to the desired outdoor location using the screw kit. Ensure the camera is placed in an area with good Wi-Fi signal and, if using, sufficient sunlight for the optional solar panel.

Figure 2: The camera's pan and tilt range, illustrating its 360-degree coverage.

3.3. App Setup

1. Download the EZVIZ app from your smartphone's app store (available on Google Play and Apple App Store).

2. Create an EZVIZ account or log in if you already have one.

3. Tap the '+' icon in the app to add a new device.

4. Scan the QR code located on the camera or its packaging.

5. Follow the in-app instructions to connect the camera to your Wi-Fi network.

3.4. Powering On and Charging

The CB8 camera is equipped with a 10400mAH battery, providing up to 210 days of battery life on a single charge under optimal conditions. For continuous power without manual recharging, connect the camera to a compatible EZVIZ Solar Panel (sold separately). The camera will automatically begin charging when connected to the solar panel and exposed to sunlight.

Figure 3: Visual representation of the camera's extended battery life.

Figure 4: The EZVIZ CB8 2K camera being charged by an EZVIZ Solar Panel.

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Video 1: Demonstrates the EZVIZ CB8 camera's wireless auto-tracking and color night vision features.

Your browser does not support the video tag.

Video 2: A short preview showcasing the EZVIZ Solar Charging Panel, highlighting its eco-friendly and cost-saving benefits for battery-powered cameras.

4. Operating Instructions

4.1. Live View & Playback

Access the EZVIZ app to view live footage from your camera in 2K resolution. The pan-and-tilt functionality allows you to remotely adjust the camera's viewing angle to cover a 360-degree field of view. Recorded footage can be accessed and played back through the app.

4.2. Motion Detection & Auto-Tracking

The camera features a PIR sensor and AI-powered human shape detection. When a person is detected, the camera will send an alert to your smartphone and can automatically track the detected individual across its field of view. This helps in focusing on relevant events rather than trivial movements.
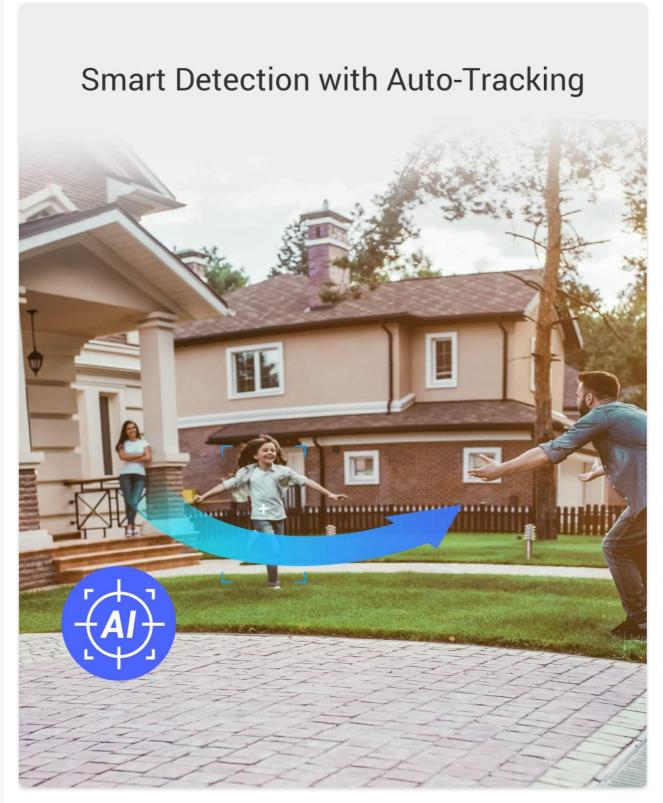

Figure 5: The camera's smart detection and auto-tracking feature in action.
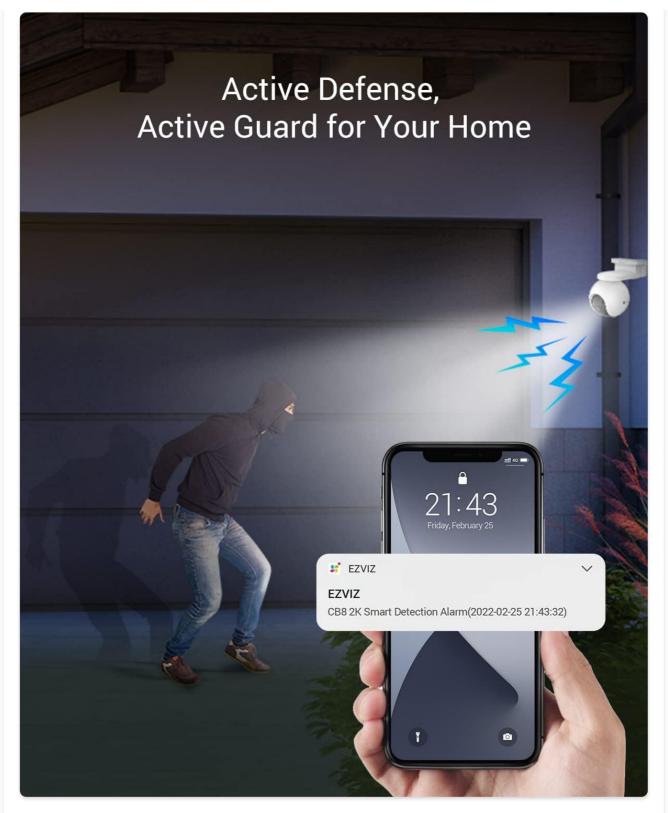
Figure 6: Active defense features, including a spotlight and siren, triggered by motion detection.

4.3. Night Vision

The CB8 offers versatile night vision options:

- **Color Night Vision:** Provides full-color video even in low-light conditions.
- **Infrared Night Vision:** Delivers clear black-and-white video in complete darkness.
- **Smart Night Vision:** Automatically switches from black-and-white to full color upon motion detection.

Figure 7: Demonstration of Color Night Vision and Black and White Night Vision.

4.4. Two-Way Talk

Utilize the built-in microphone and speaker for two-way communication. This allows you to speak to visitors or deter unwanted individuals directly through the EZVIZ app.
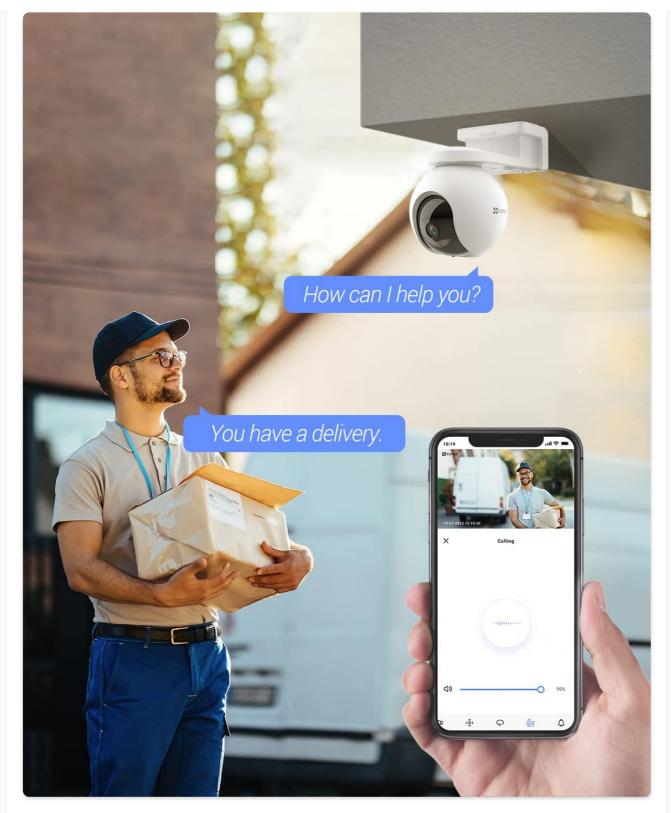
Figure 8: Two-way talk functionality for interacting with individuals at your property.

4.5. Storage

The camera supports local storage via a MicroSD card (up to 256GB, sold separately) for continuous recording. Additionally, EZVIZ offers cloud storage options for secure backup of your video footage (subscription may be required).

5. Maintenance

5.1. Battery Charging

Regularly check the battery status via the EZVIZ app. Recharge the camera using the provided power adapter

or ensure the optional solar panel is clean and receiving adequate sunlight for optimal charging.

5.2. Cleaning

Gently wipe the camera lens and body with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive materials that could damage the camera's finish or lens.

5.3. Firmware Updates

Periodically check the EZVIZ app for available firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features, security enhancements, and bug fixes.

6. Troubleshooting

- **Connectivity Issues:** Ensure your Wi-Fi signal is strong at the camera's location. Restart your router and the camera if connection problems persist.
- **Motion Detection Inaccuracies:** Adjust the motion detection sensitivity and detection zones within the EZVIZ app to minimize false alarms.
- **Battery Draining Quickly:** Verify the solar panel (if used) is receiving direct sunlight for at least 4-6 hours daily. Reduce the frequency of recordings or live view sessions if not using a solar panel.
- **Cannot Remotely Turn Off Camera:** The EZVIZ app typically offers privacy modes or scheduling options to disable recording during specific times. Consult the app's settings for these features.
- **Poor Night Vision:** Ensure the camera lens is clean and there are no obstructions blocking the infrared lights or spotlight.

7. Specifications

Feature	Specification
Model Name	EZVIZ CB8
Video Capture Resolution	2K, 3MP
Connectivity Technology	Wireless (Wi-Fi)
Power Source	Battery Powered, Solar Powered (with optional panel)
Battery Capacity	10400mAH (up to 210 days life)
Viewing Angle	360 Degrees (Pan & Tilt)
Special Features	Night Vision (Color/Infrared/Smart), AI-Human Detection, Two-Way Talk
Storage	MicroSD Card (up to 256GB), Cloud Storage
Weather Resistance	Waterproof
Compatible Devices	Smartphone, Tablet, Amazon Alexa

8. Warranty and Support

For warranty information and technical support, please refer to the official EZVIZ website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - CB8

[EZVIZ C8C Lite Camera: Setup, Installation, and User Guide](#)
Comprehensive guide to setting up and installing the EZVIZ C8C Lite security camera. Covers package contents, basic functions, power-on, internet connection (Wi-Fi/wired), SD card installation, and mounting options.

[EZVIZ C1C-B Smart Home Camera: Keep Your Home Fully Secured](#)
Discover the EZVIZ C1C-B Smart Home Camera, a compact WiFi camera offering 1080p resolution, advanced night vision, two-way audio, and motion detection to keep your home secure. Learn about its features, specifications, and easy installation.

[EZVIZ BC1C Smart Home Battery Camera User Manual and Setup Guide](#)
Comprehensive guide to setting up, installing, and using the EZVIZ BC1C smart home battery camera, covering package contents, basic features, app integration with Amazon Alexa and Google Assistant, installation tips, and important initiatives for video product usage.

[EZVIZ Smart Device User Manual: Setup, Features, and Integration](#)
Comprehensive guide to setting up and using your EZVIZ smart device. Learn about installation, Wi-Fi connection, app features, intelligent detection, working modes, and integration with Amazon Alexa and Google Assistant.

[EZVIZ Mini CV-100 Series Quick Start Guide](#)
A concise guide for setting up and using the EZVIZ Mini CV-100 series security camera, covering installation, Wi-Fi connection, cloud setup, and troubleshooting.

[EZVIZ Solar Charging Panel User Manual and Installation Guide](#)

Comprehensive user manual for the EZVIZ Solar Charging Panel, detailing box contents, installation steps, angle adjustment, charging instructions, legal disclaimers, and waste disposal information.