EZVIZ CS-HB8/SP

EZVIZ CS-HB8/SP 2K+ 4MP PT Battery-Powered Wi-Fi Camera with Solar Panel User Manual

Model: CS-HB8/SP

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EZVIZ CS-HB8/SP 2K+ 4MP PT Battery-Powered Wi-Fi Camera with Solar Panel. Please read this manual carefully before using the product to ensure proper functionality and safety. Keep this manual for future reference.

The EZVIZ HB8 is a battery-powered security camera designed for outdoor use, offering 360-degree pan and tilt capabilities with 2K+ resolution. It features an ultra-long battery life and can be optionally powered by a solar panel for continuous operation. The camera includes on-device storage for recording activity and advanced detection features.

2. PACKAGE CONTENTS

Verify that all components are present and in good condition upon opening the package. If any items are missing or damaged, contact your retailer.

- EZVIZ CS-HB8/SP 2K+ 4MP PT Camera
- Solar Panel
- Mounting Template
- Screw Kit
- Power Adapter (for initial charging)
- USB Cable
- Quick Start Guide
- Regulatory Information

3. PRODUCT OVERVIEW

Familiarize yourself with the camera's components before installation.

Image 1: EZVIZ CS-HB8/SP Camera and Solar Panel. This image displays the main camera unit with its pan-tilt base and the accompanying solar panel, highlighting their design and connection points.

Camera Components:

- **Lens:** Captures video footage.
- **Infrared LEDs:** Provide night vision capabilities.
- **Microphone:** For audio input and two-way talk.
- **Speaker:** For audio output and two-way talk.
- **PIR Sensor:** Detects passive infrared motion.
- **Status Indicator:** Displays camera status (e.g., charging, connected).
- **Reset Button:** Used to reset the camera to factory settings.
- **MicroSD Card Slot:** For local video storage.
- **USB-C Port:** For charging and connecting the solar panel.

Solar Panel Components:

- **Solar Cells:** Convert sunlight into electrical energy.
- **Mounting Bracket:** For securing the solar panel.
- **USB-C Cable:** Connects the solar panel to the camera.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the camera battery using the provided power adapter and USB cable. The status indicator will show a solid red light during charging and turn off when fully charged. This process may take several hours.

4.2 EZVIZ App Installation

1. Download the EZVIZ app from the App Store (iOS) or Google Play Store (Android).
2. Register for an EZVIZ account or log in if you already have one.

4.3 Camera Pairing

1. Power on the camera by pressing and holding the power button (if applicable, or it powers on automatically after charging).
2. Open the EZVIZ app, tap the "+" icon on the home screen to add a device.
3. Scan the QR code located on the camera or its packaging.
4. Follow the on-screen instructions in the app to connect the camera to your Wi-Fi network. Ensure your Wi-Fi network is 2.4 GHz.

4.4 Mounting the Camera and Solar Panel

Choose a mounting location that provides a clear view and good Wi-Fi signal strength. For the solar panel, select a spot that receives direct sunlight for most of the day.

1. Use the mounting template to mark screw holes on the desired surface.
2. Drill pilot holes and insert wall anchors if mounting on masonry or stucco.
3. Secure the camera mounting base and solar panel bracket using the provided screws.
4. Attach the camera to its base and adjust the angle as needed.
5. Connect the solar panel's USB-C cable to the camera's USB-C port. Ensure the connection is secure and weatherproof.

Note: Ensure the solar panel is positioned to maximize sun exposure for optimal charging performance.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

- Open the EZVIZ app and select your camera from the device list.
- Tap on the live view to see real-time footage.
- Use the pan and tilt controls within the app to adjust the camera's viewing angle.
- Access the playback feature to review recorded events stored on the MicroSD card.

5.2 Motion Detection and Alerts

The camera features intelligent motion detection with auto-tracking.

- In the EZVIZ app, navigate to camera settings.
- Enable motion detection and customize sensitivity levels.
- Set up alert notifications to receive instant alerts on your mobile device when motion is detected.
- Configure auto-tracking to allow the camera to follow detected subjects.

5.3 Two-Way Talk

Use the two-way talk feature to communicate with visitors or deter intruders.

- While in live view, tap the microphone icon in the EZVIZ app to speak.
- Release the icon to listen.

5.4 Night Vision

The camera automatically switches to night vision mode in low-light conditions, providing clear footage even in darkness. It supports vivid color night vision.

6. MAINTENANCE

6.1 Cleaning

- Regularly clean the camera lens and solar panel surface with a soft, damp cloth to remove dust and debris.
- Do not use harsh chemicals or abrasive cleaners.

6.2 Battery Management

- Monitor the battery level through the EZVIZ app.
- Ensure the solar panel receives adequate sunlight to maintain battery charge.
- If the camera is not receiving enough sunlight, occasional manual charging with the power adapter may be necessary.

6.3 Firmware Updates

Keep your camera's firmware updated to ensure optimal performance and access to new features. Firmware updates can be initiated through the EZVIZ app.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; 5GHz Wi-Fi network.	Verify password; Move camera closer to router; Ensure 2.4GHz Wi-Fi is used.
Battery not charging via solar panel	Insufficient sunlight; Dirty solar panel; Loose connection.	Relocate panel to direct sunlight; Clean panel surface; Check USB-C connection.
No motion detection alerts	Detection disabled; Sensitivity too low; App notifications off.	Enable detection in app; Increase sensitivity; Check app notification settings.
Poor video quality	Dirty lens; Weak Wi-Fi signal; Low light conditions.	Clean lens; Improve Wi-Fi signal; Ensure adequate lighting or rely on night vision.

If you encounter issues not listed here, please refer to the EZVIZ app's help section or contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	CS-HB8/SP (OB03698)
Resolution	2K+ (4MP)
Pan/Tilt	360-degree coverage
Power Source	Battery-powered with optional Solar Panel
Battery Life	Up to 210 days (without solar panel)
Storage	On-device storage (MicroSD card slot)
Night Vision	Color Night Vision
Connectivity	Wi-Fi (2.4 GHz)
Item Weight	1.74 Kilograms
Product Dimensions	10 x 5 x 1.27 cm
Wattage	10 Watts (Solar Panel)
Mounting Type	Ceiling mount base
Included Components	Camera with Solar Panel
Country of Origin	China

9. WARRANTY AND SUPPORT

EZVIZ products come with a limited warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official EZVIZ website.

For technical support, troubleshooting assistance, or to report issues, please contact EZVIZ customer service through the EZVIZ app or their official website. Ensure you have your product model number and purchase details ready when contacting support.

EZVIZ Official Website: www.ezviz.com