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› [EZVIZ 2K+ Outdoor Wireless Camera with AOV Mode and Solar Panel \(Model CB8 Lite 4MP\)](#)

EZVIZ CB8 Lite 4MP

EZVIZ 2K+ Outdoor Wireless Camera with AOV Mode and Solar Panel

Model: CB8 Lite 4MP

Brand: EZVIZ

INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your EZVIZ 2K+ Outdoor Wireless Camera, Model CB8 Lite 4MP. This camera system includes a 5W solar panel for continuous power, offering advanced features such as Always-on Video (AOV) mode, AI-powered person and vehicle detection, color night vision, active defense, and two-way audio communication. Please read this manual thoroughly before use to ensure proper setup and functionality.

PACKAGE CONTENTS

- CB8 Lite 2K+ Camera
- Solar Panel
- Drilling Template
- USB Cable
- Screw Kit
- Adjustable Mounting Bracket
- Quick Start Guide

SETUP AND INSTALLATION

Before installation, ensure your camera is fully charged. The included 5W solar panel is designed to provide continuous power, but an initial charge is recommended for optimal performance.

1. Camera Placement

Choose a location that provides the desired surveillance coverage and has good Wi-Fi signal strength. The camera offers a 360° panoramic view (340° horizontal, 80° vertical) allowing flexible monitoring. Ensure the solar panel receives direct sunlight for most of the day.

Conçue pour Durer, Facile à Installer

5W

 2 hours ≈  24 hours

365 Jours



Image: Camera's 360-degree pan and tilt range (340° horizontal, 80° vertical).

2. Mounting the Camera and Solar Panel

1. Use the drilling template to mark the positions for screws on your chosen wall or surface.
2. Drill pilot holes and insert wall anchors if necessary.
3. Attach the adjustable mounting bracket to the wall using the provided screws.
4. Secure the camera to the mounting bracket.
5. Mount the solar panel in a location that maximizes sun exposure, using its adjustable bracket.
6. Connect the solar panel to the camera using the USB cable. The solar panel provides 5W high-efficiency charging, with approximately 2 hours of charging providing 24 hours of use under optimal conditions.

Recommandé par des Médias de Référence



Image: EZVIZ camera and solar panel mounted on an exterior wall.

Jusqu'à
512 Go

Carte SD (non incluse)



Max
30 Jours
d'Essai Gratuit

Abonnement non obligatoire

Image: Solar panel charging efficiency diagram.

3. App Configuration

1. Download the EZVIZ app from your smartphone's app store.
2. Create an EZVIZ account or log in if you already have one.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera and connecting it to your Wi-Fi network (supports 2.4GHz Wi-Fi 6).

Vision Claire 24h/24, Même dans l'Obscurité

Vision Nocturne Couleur

Vision Nocturne IR

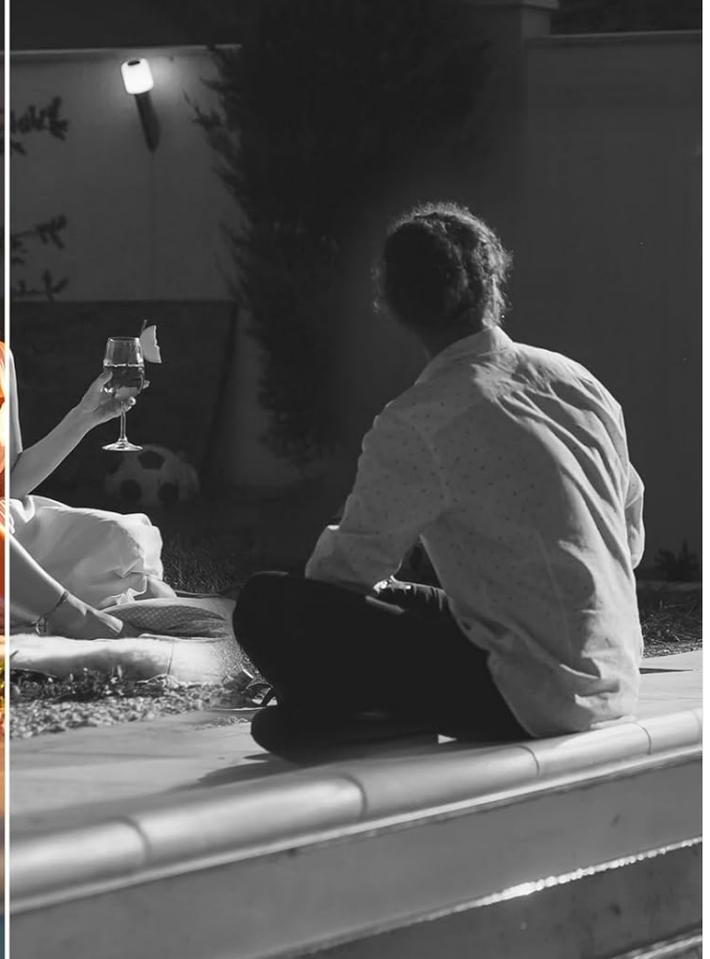


Image: Camera connected via Wi-Fi 6, viewed through the EZVIZ app.

OPERATING INSTRUCTIONS

Always-on Video (AOV) Mode

The EZVIZ AOV technology enables continuous 24/7 surveillance with minimal power consumption. Unlike other battery cameras that only record upon motion detection, the CB8 Lite 4MP automatically wakes up at defined intervals for continuous monitoring. This ensures you have a complete timeline of events.

Vision Précise, pour Ne Rien Manquer

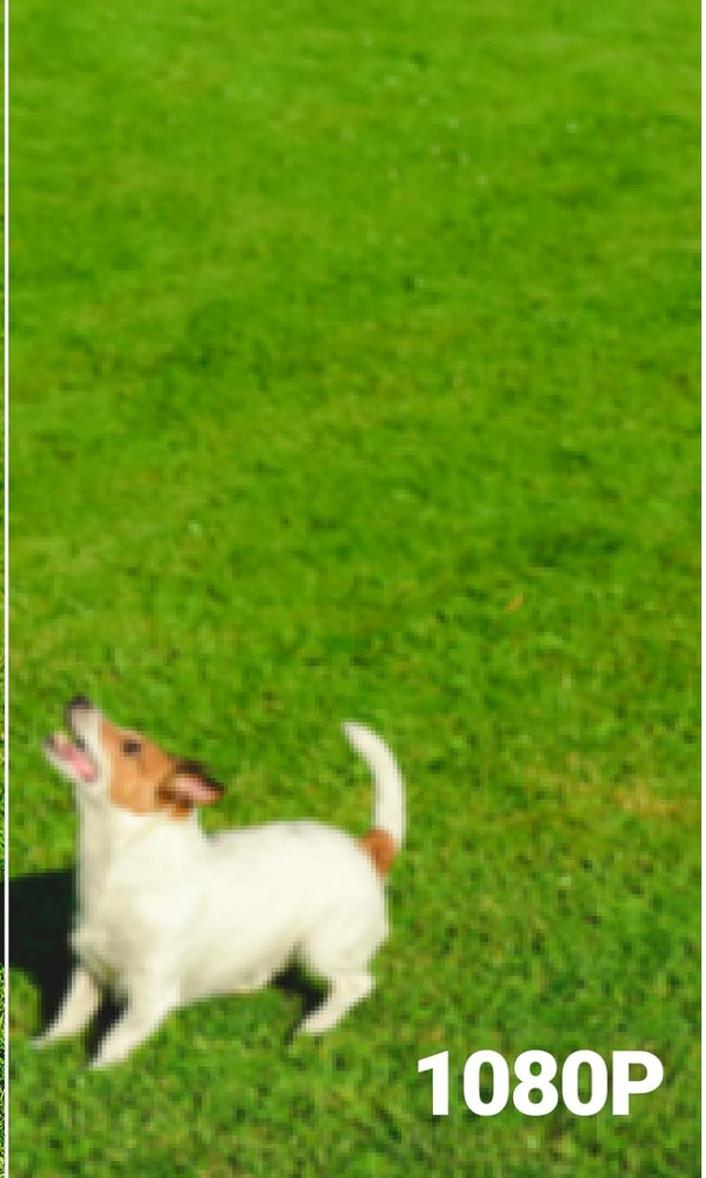


Image: AOV mode continuous recording vs. standard battery camera recording.

AI-Powered Person and Vehicle Detection

The camera utilizes advanced AI to intelligently detect people and vehicles, significantly reducing false alarms. When a person is detected, the camera can automatically track their movement within its field of view.

Vidéo Continue, Même sur Batterie

AOV Caméra sur Batterie



Enregistrement AOV



Détection de Personne



Enregistrement AOV

11:55 human detected

12:00

13:00

14:00

15:00

15:10 human detected

VS

Autre Caméra sur Batterie



Pas d'Enregistrement



Détection de Personne



Pas d'Enregistrement

11:55 human detected

12:00

13:00

14:00

15:00

15:10 human detected

AOV 2.0 24/7 EZVIZ Protection

Image: AI detection of persons and vehicles with a maximum range of 25 meters.

Color Night Vision and Active Defense

Even in low-light conditions, the camera produces clear, color-rich images. When motion is detected, the active defense system can trigger a customizable alarm and send push notifications to your EZVIZ app. This feature helps deter intruders.

Vision à 360°, pour Tout Voir Facilement



Max. 12
Points Prédéfinies

Image: Active defense with flash and audible alarm.

Sécurité Renforcée, Flash et Alerte Sonore



Propriété Privée, Ne Vous Approchez Pas!

Suivi Auto

– Détection des Personnes

Image: Comparison of Color Night Vision and IR Night Vision.

Two-Way Audio and 2K+ Resolution

The camera provides 2K+ (4MP) resolution for clear surveillance video. It also supports two-way audio, allowing you to communicate with visitors or deter unwanted guests directly through your phone via the EZVIZ app.

Storage Options

The camera supports local storage via a microSD card (up to 512GB, not included) and cloud storage through the EZVIZ CloudPlay service (free trial available).

Compatible Wi-Fi 6, Transmission Optimale

Wi-Fi 6



Image: MicroSD card slot and cloud storage options.

MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and solar panel with a soft, damp cloth to ensure clear vision and efficient charging. Avoid abrasive cleaners.
- **Firmware Updates:** Keep the camera's firmware updated through the EZVIZ app to ensure optimal performance and access to new features.
- **Battery Health:** While the solar panel provides continuous power, monitor battery health via the app, especially during prolonged periods of low sunlight.
- **Environmental Conditions:** The camera is IP65 rated for outdoor use and can operate in temperatures from -20°C to 50°C. Ensure it is securely mounted to withstand weather conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password, weak signal, or camera too far from router.	Verify password, move camera closer to router, or use a Wi-Fi extender. Ensure your router supports 2.4GHz.
Poor image quality	Dirty lens, low light conditions, or network bandwidth issues.	Clean the lens. Ensure sufficient lighting for color night vision or enable IR night vision. Check your internet speed.
Solar panel not charging	Insufficient sunlight, dirty panel, or loose connection.	Relocate the panel for more direct sunlight, clean the panel surface, and check the USB cable connection.
Frequent false alarms	Motion detection sensitivity too high, or objects like trees/animals triggering detection.	Adjust motion detection sensitivity in the EZVIZ app. Utilize AI person/vehicle detection to filter out irrelevant motion.
Two-way audio not working	Microphone/speaker disabled in app, or network latency.	Check audio settings in the EZVIZ app. Ensure a stable internet connection.

SPECIFICATIONS

Feature	Detail
Model Name	CB8 Lite 4MP with EZVIZ Solar Panel
Resolution	2K+ (4MP)
Pan/Tilt Range	340° Horizontal, 80° Vertical
Night Vision Range	15 Meters
Wireless Communication	2.4Ghz Wi-Fi (Wi-Fi 6 compatible)
Power Source	Battery powered (Lithium-ion, included), 5W Solar Panel
Voltage	5 Volts (DC)
Power	10 Watts
Special Features	Two-way audio, Active Defense, Person Detection, Auto Tracking, IP65 Weatherproof, Color Night Vision
Usage Environment	Outdoor
Operating Temperature	-20°C to 50°C
Dimensions (L x W x H)	18.3 x 11.6 x 16.6 cm
Weight	803 Grams
Storage	MicroSD card (up to 512GB, not included), EZVIZ CloudPlay

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official EZVIZ website or contact EZVIZ customer service

directly. Information regarding spare parts availability is not provided in this document. Always ensure you purchase genuine EZVIZ products from authorized retailers.

You can find more information and support at the [EZVIZ Brand Store](#).