

[Manuals.plus](#) /

› [ELECCTV](#) /

› ELECCTV BW4-SP Wireless Outdoor Security Camera User Manual

ELECCTV BW4-SP

ELECCTV BW4-SP Wireless Outdoor Security Camera User Manual

Model: BW4-SP



ELECCTV: Your trusted partner in home security.

1. INTRODUCTION

Thank you for choosing the ELECCTV BW4-SP Wireless Outdoor Security Camera. This manual provides detailed instructions to help you set up, operate, and maintain your security camera system. Designed for ease of use and robust performance, the BW4-SP offers 2K QHD video, color night vision, AI motion detection, and two-way audio, ensuring comprehensive surveillance for your home or property.



The ELECCTV BW4-SP cameras are designed for wireless outdoor security, featuring solar panels for continuous power.

ELECCTV

365 Days Long lasting



Custom
Alert



Color
Night Vision



AI Motion
Detection



IP66
Waterproof



Two-way
Audio



QHD



Works
with Alexa



TF Card
Storage

Overview of key features including 365-day battery life, custom alerts, color night vision, AI motion detection, IP66 waterproofing, two-way audio, 2K QHD resolution, Alexa compatibility, and TF card storage.

Product Overview Video

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This video provides a general introduction to the BW4 Wireless Security Camera, highlighting its main functionalities and design.

2. SETUP GUIDE

2.1 What's Included

- ELECCTV BW4-SP Security Camera (x2)
- Solar Panel (x2)
- Mounting Brackets and Screws

- USB Charging Cable
- User Manual

2.2 Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable. Connect the cable to the camera's charging port and a standard 5V USB power adapter (not included). The indicator light will show charging status.

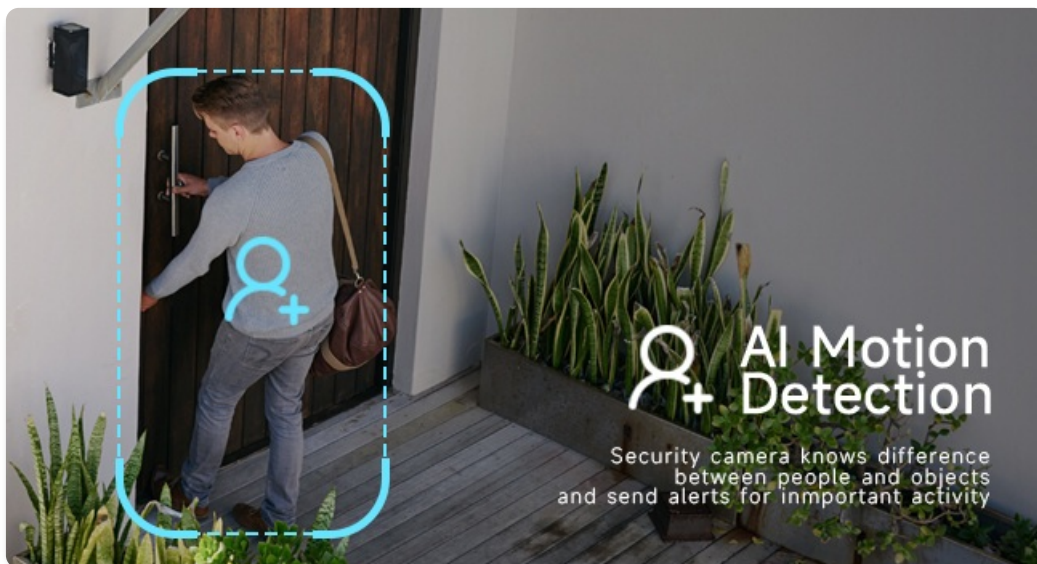
2.3 App Installation and Camera Configuration

The ELECCTV BW4-SP camera operates with the O-KAM Pro app. Follow these steps to set up your camera:

1. Download the **O-KAM Pro** app from the App Store (iOS) or Google Play Store (Android).
2. Ensure your security camera is powered on.
3. Open the O-KAM Pro app and create an account or log in.
4. Click the "Add" button (usually a '+' icon) to add a new device.
5. Select the option to scan the QR code on the device.
6. **Important:** Connect your phone to a **2.4GHz Wi-Fi network**. The camera does not support 5GHz Wi-Fi.
7. Scan the QR code displayed on your phone screen with the camera's lens from a distance of 15-20cm until you hear a "beep" sound.
8. Follow the on-screen prompts to name your camera and complete the binding process.

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This video demonstrates the step-by-step process of configuring your BW4 or BW5 series camera using the O-KAM Pro app, including Wi-Fi connection and device binding.



The camera features a one-click connect function for seamless and secure pairing with your smartphone.

2.4 Physical Installation

The BW4-SP camera is IP66 waterproof and designed for outdoor use. Choose a location with good Wi-Fi signal strength and direct sunlight exposure for the solar panel.

1. **Drill Holes:** Use a drill to create holes in the desired mounting surface for the bracket.
2. **Secure Bracket:** Screw the mounting bracket firmly into the wall.

3. **Attach Camera:** Mount the camera onto the secured bracket.
4. **Position Solar Panel:** Ensure the solar panel is positioned to receive maximum sunlight throughout the day to maintain battery charge.

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This video demonstrates the physical installation process for the W1 security camera, which is similar to the BW4-SP model, showing how to drill holes and mount the camera.



The camera is designed for easy setup, allowing for quick installation anywhere it's needed.

3. OPERATING YOUR CAMERA

3.1 Live View and Recording

Access the O-KAM Pro app to view live footage from your camera. You can manually record video or capture screenshots directly from the live view interface.

New Upgraded 2K FHD Resolution

Clearer than 1080P, Never miss any detail.



Experience clearer details with the camera's 2K FHD resolution, surpassing standard 1080P.

3.2 Two-Way Audio

The camera features a built-in microphone and speaker, allowing for two-way communication. Use this feature to speak with visitors, deter intruders, or communicate with family members through the app.



Two-Way Audio

OK

Put it at the door, thanks



Adjustable
volume



Clear
Audio

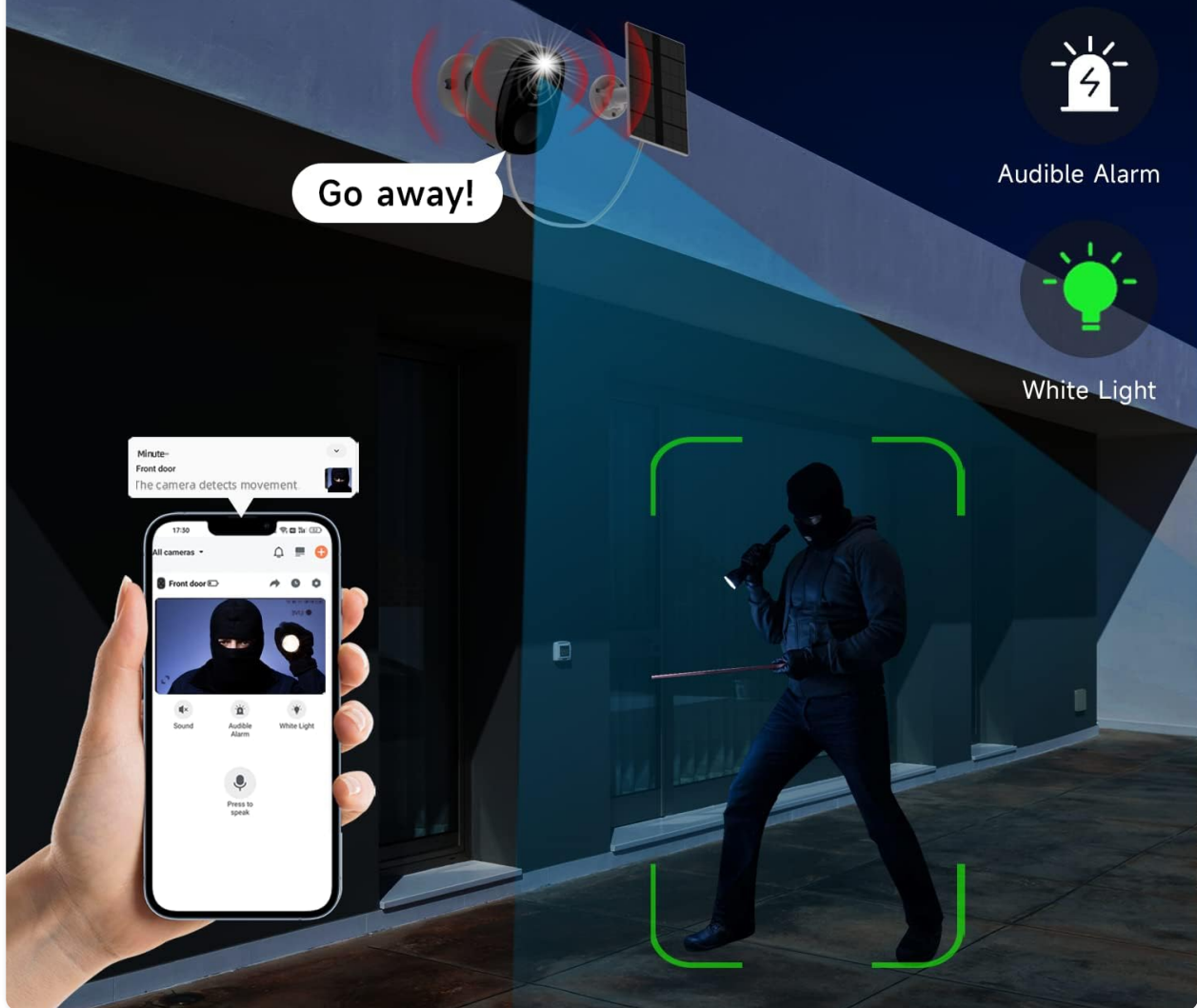
Engage in clear two-way audio communication with adjustable volume directly through the app.

3.3 AI Motion Detection & Alerts

The camera utilizes advanced AI motion detection to identify human shapes, reducing false alarms. When motion is detected, the camera will send instant notifications to your mobile device.

PIR Motion Detection & Siren Alarm & 2-Way Talk

Get notification on your phone and react quickly



The camera features PIR motion detection, a siren alarm, and two-way talk to provide immediate notifications and allow quick reactions to detected activity.



Multi-User SharingScan
the code through the app then let your family control the camera

AI Motion Detection differentiates between people and objects, sending relevant alerts for important activity.

4-Channel Live Streaming



Manage and keep an eye on four cameras at once for comprehensive surveillance. Access live video feeds from any location, whenever you want.

PIR human detection technology significantly reduces false alarms, providing more accurate alerts.

3.4 Custom Delineated Areas (Detection Zones)

To further minimize unnecessary alerts, you can customize specific detection areas within the camera's field of view through the O-KAM Pro app. This ensures you only receive notifications for activity in critical zones.



Less unwanted notifications **Detection Zone**

Customize detection zones to focus on specific areas, reducing unwanted notifications.



Support Alexa

Alexa, show me the living room!

Hand-free Home Monitoring
Ask Alexa to "show me the living room"
to watch live stream on Alexa-enabled devices



Customize monitoring areas to receive only important alerts, with a detection range up to 33 feet and a 140-degree field of view.

3.5 Color Night Vision

The BW4-SP camera provides clear, full-color night vision, allowing you to see details even in low-light conditions or complete darkness.

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This video demonstrates the 2K QHD Color Night Vision capability of the camera, showing clear footage in low-light conditions.

ELCCCTV Wireless Spotlight Camera

Better protection & Outside or in



Capture details in 2K HD and see more at night with the camera's color night vision feature.

3.6 Storage Options

The camera supports two storage methods:

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the camera for local storage.
- **Cloud Storage:** Enjoy free 3-day rolling cloud storage for life, with no subscription required.

3.7 Device Sharing & Multi-Channel Streaming

Share access to your camera with up to 4 users simultaneously through the O-KAM Pro app. You can also manage and view live feeds from up to four cameras at once for comprehensive surveillance.



Easily add family members via the app to share live camera feeds, keeping everyone informed about home activities.

Security Data Access



SSL/TLS and AES encryption team up to deliver impenetrable security for your data during transmission and storage.

Share camera access with multiple users by scanning a code through the app, allowing family members to control the camera.



Manage and monitor up to four cameras simultaneously with 4-channel live streaming, accessible from any location.

3.8 Smart Home Integration (Alexa)

The BW4-SP camera is compatible with Amazon Alexa, allowing for voice control and viewing live feeds on Alexa-enabled devices like the Echo Show.

View the camera livestream with your Echo Show



Alxa,show me the front door!



Compatible
with Alexa

View your camera's live stream on your Echo Show by simply asking Alexa.



Enjoy hands-free home monitoring by asking Alexa to display live streams on compatible devices.

Customized Activity Zones

Only receive important alerts
Detection range up to 33ft 128°



The camera integrates with both Amazon Alexa and Google Assistant for convenient voice control.

4. MAINTENANCE

4.1 Cleaning

- Regularly wipe the camera lens and solar panel with a soft, damp cloth to ensure clear vision and efficient charging.
- Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

4.2 Weather Resistance

The BW4-SP camera has an IP66 waterproof rating, meaning it is protected against dust and powerful water jets. It is designed to withstand various outdoor weather conditions, including rain and snow.



The camera boasts an IP65 rating, ensuring it is waterproof, snowproof, and dustproof, capable of operating in temperatures from -20°C to 60°C (-4°F to 140°F).

4.3 Solar Panel Efficiency

Ensure the solar panel is free from obstructions (e.g., leaves, dirt) and positioned to receive maximum direct sunlight to optimize charging and maintain continuous power for the camera.

5. TROUBLESHOOTING

5.1 Camera Not Powering On

- Ensure the camera is fully charged. Connect it to a power source using the USB cable and check the charging indicator.
- Press and hold the power button for a few seconds to ensure it's turned on.

5.2 Wi-Fi Connectivity Issues

- Verify that your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.
- Check the Wi-Fi signal strength at the camera's installation location using the O-KAM Pro app. Relocate the camera or Wi-Fi router if the signal is weak.
- Ensure your Wi-Fi password is entered correctly during setup.

5.3 Motion Detection Inaccuracies

- Adjust the motion detection sensitivity settings in the O-KAM Pro app.
- Define or refine custom detection zones to exclude areas with frequent irrelevant motion (e.g., busy streets, swaying trees).

5.4 Short Recording Duration

- Check the recording settings in the O-KAM Pro app. Some settings might limit recording duration to conserve battery or storage.
- Ensure sufficient storage space on your Micro SD card or cloud storage.

5.5 Siren Alarm Activation

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This video demonstrates the sound and light alarm feature of the camera, showing how it activates upon detecting movement.

6. SPECIFICATIONS

Feature	Detail
Model	BW4-SP
Video Resolution	2K QHD (3MP), 1080p
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)
Power Source	Solar Powered, Corded Electric (for charging)
Night Vision	Color Night Vision, Infrared Night Vision (33 feet range)
Motion Detection	AI Motion Detection (PIR), Custom Delineated Areas
Audio	Two-Way Speak
Storage	Micro SD Card (up to 256GB, not included), Free 3-day rolling cloud storage
Weather Rating	IP66 Waterproof
Viewing Angle	140 Degrees

Controller Type	Amazon Alexa
Batteries	1 Lithium Ion battery required (included)
Item Weight	1.98 pounds
Dimensions	8.98 x 5.63 x 4.41 inches (Package)

7. WARRANTY AND SUPPORT

ELECCTV provides a limited warranty for this product. For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official ELECCTV website.

If you encounter any issues or have questions regarding your ELECCTV BW4-SP camera, please contact our customer service team. Contact information can be found on the last page of the printed manual or on the ELECCTV brand store page on Amazon.

For the latest updates, FAQs, and support resources, please visit the ELECCTV official website or the O-KAM Pro app's help section.



ELECCTV ensures impenetrable security for your data during transmission and storage with SSL/TLS and AES encryption.