

ELECCTV BW4

ELECCTV BW4 Wireless Outdoor Security Camera System User Manual

Model: BW4 | Brand: ELECCTV

1. INTRODUCTION

Thank you for choosing the ELECCTV BW4 Wireless Outdoor Security Camera System. This system provides comprehensive surveillance for your home or property with advanced features such as 2K QHD resolution, color night vision, two-way audio, and AI motion detection. Powered by a robust battery and a solar panel, it ensures continuous operation without the need for constant recharging. This manual will guide you through the setup, operation, and maintenance of your new security cameras.

Package Contents:

- ELECCTV BW4 Wireless Security Cameras (Quantity as purchased, e.g., 4 units)
- Solar Panels (Quantity matching cameras)
- Mounting Brackets and Screws
- USB Charging Cable
- User Manual



Image 1.1: ELECCTV BW4 Wireless Outdoor Security Camera System with Solar Panels.

This image displays four white ELECCTV BW4 security cameras, each equipped with a black solar panel mounted above it. The cameras are designed for outdoor use and feature a sleek, modern appearance.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Installation:** Ensure the camera is securely mounted to prevent it from falling. Avoid installing near flammable or explosive materials.
- **Power Source:** Use only the specified charging cable and power adapter (if applicable) to charge the camera. Do not expose the battery to extreme temperatures or direct sunlight for prolonged periods.

- **Water Resistance:** The camera is IP65 dustproof and waterproof. However, avoid submerging it in water or exposing it to high-pressure water jets.
- **Operating Temperature:** Operate the camera within the recommended temperature range to ensure optimal performance and longevity.
- **Disassembly:** Do not attempt to disassemble or modify the camera. This will void the warranty and may cause damage.
- **Children:** Keep the product and its accessories out of reach of children.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your ELECCTV BW4 camera:

- **Camera Lens:** Captures video footage.
- **Infrared LEDs/Spotlight:** For night vision and illumination.
- **PIR Motion Sensor:** Detects motion.
- **Microphone:** For audio input.
- **Speaker:** For two-way audio output and siren.
- **Micro USB Charging Port:** For battery charging.
- **Micro SD Card Slot:** For local storage (supports up to 256GB, card not included).
- **Reset Button:** To reset the camera to factory settings.
- **Solar Panel:** Charges the camera's internal battery using sunlight.



Cloud
Storage



Local
Storage
(Not included)

No Subscriptions Fee



Image 3.1: Internal view of the ELECCTV BW4 camera showing the Micro SD card slot.

This image provides a close-up view of the ELECCTV BW4 camera, highlighting the slot for a Micro SD card, which supports up to 256GB for local storage. The image also shows the internal battery compartment, emphasizing the camera's built-in 5200mAh battery.

4. SETUP AND INSTALLATION

4.1 Initial Charging

Before first use, fully charge the camera's built-in 5200mAh battery using the provided USB cable and a 5V/2A power adapter (not included). A full charge ensures optimal performance, especially before relying solely on solar power.

Built-in **5200mAh** Large Battery

Extend the battery life



Image 4.1: Built-in 5200mAh Large Battery.

This image illustrates the internal 5200mAh battery of the ELECCCTV BW4 camera, highlighting its capacity to extend battery life and provide continuous power.

4.2 Micro SD Card Installation

If you plan to use local storage, insert a Micro SD card (up to 256GB, not included) into the designated slot. Ensure the camera is powered off before inserting or removing the card.

4.3 App Download and Account Creation

Download the **O-KAM Pro** app from your smartphone's app store (iOS App Store or Google Play Store). Follow the on-screen instructions to create an account and log in.

4.4 Camera Pairing with App

1. Open the O-KAM Pro app and tap 'Add Device' or the '+' icon.
2. Select 'Battery Camera' or scan the QR code on the camera (if available).
3. Follow the app's instructions to connect the camera to your **2.4GHz Wi-Fi network**. Ensure your phone is connected to the same 2.4GHz Wi-Fi network during setup.
4. The camera will emit a sound or light indicator when successfully connected.

4.5 Mounting the Camera

The ELECCTV BW4 cameras are designed for wall mounting and are IP65 rated for outdoor use. Choose a location that provides the desired viewing angle and receives ample sunlight for the solar panel.

1. Mark the drilling points on the wall using the mounting bracket as a template.
2. Drill holes and insert wall anchors if necessary.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the mounting bracket and adjust the angle for optimal coverage.
5. Position the solar panel to maximize sun exposure throughout the day.

IP65 Waterproof



2K HD



Weatherproof



Full color
night vision

Image 4.2: ELECCTV BW4 Camera with IP65 Waterproof Rating.

This image shows an ELECCTV BW4 camera mounted outdoors, demonstrating its IP65 waterproof capability. The camera is positioned under a roof, with its solar panel exposed to the elements, highlighting its suitability for various outdoor conditions.

5. OPERATING INSTRUCTIONS

5.1 Live View

Open the O-KAM Pro app and select the desired camera from your device list to view the live feed. You can pinch to zoom, take screenshots, or record video directly from the live view.

5.2 Two-Way Audio

To use the two-way audio feature, tap the microphone icon in the live view interface. Press and hold the button to speak, and release to listen. This allows you to communicate with visitors or deter intruders.



Two-way Talk

Talk to anyone anytime, anywhere.



Image 5.1: Two-Way Talk Functionality.

This image illustrates the two-way talk feature, showing a delivery person at a door and a user interacting with them remotely via the O-KAM Pro app on their smartphone. This highlights the ability to communicate with anyone, anytime, anywhere.

5.3 Motion Detection and Alerts

The camera features advanced AI motion detection. When motion is detected, you will receive instant notifications on your smartphone. You can customize detection zones to reduce unwanted alerts.

- **Siren and Strobe Lights:** The camera can be configured to activate an audible alarm and strobe lights upon

motion detection to deter intruders.

- **Sensitivity Settings:** Adjust the motion detection sensitivity in the app settings to suit your environment.

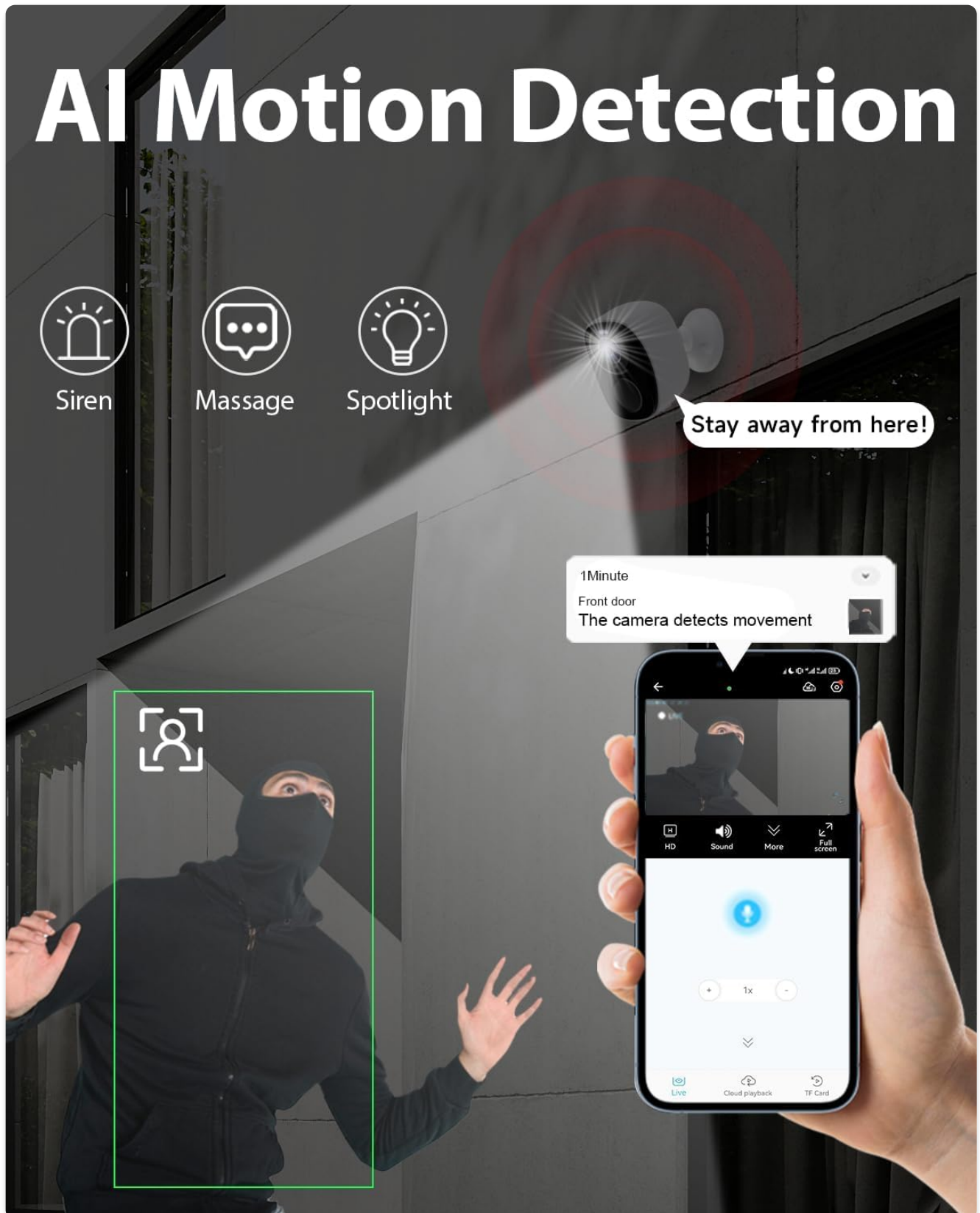


Image 5.2: AI Motion Detection Capabilities.

This image demonstrates the AI motion detection features, including siren, message alerts, and spotlight activation. It shows the camera detecting a person and sending an alert to the user's phone, with a message bubble saying "Stay away from here!".



Image 5.3: Customizable Detection Zone.

This image illustrates the customizable detection zone feature, allowing users to define specific areas for motion detection, thereby reducing unwanted notifications from irrelevant areas.

5.4 Night Vision

The ELECCTV BW4 camera supports color night vision, providing clear and vivid footage even in low-light conditions. The camera automatically switches between day and night modes.

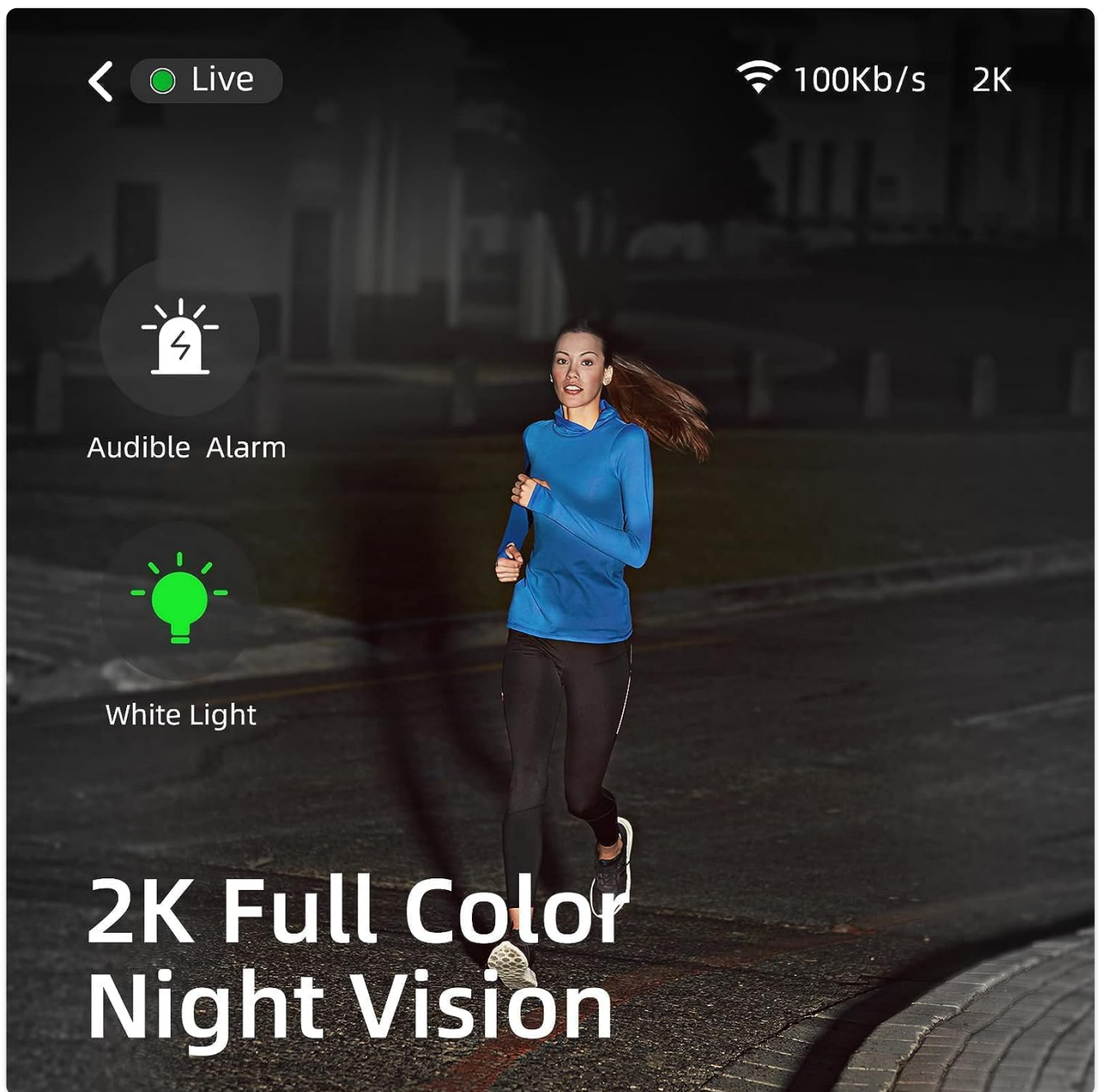


Image 5.4: 2K Full Color Night Vision.

This image demonstrates the camera's 2K Full Color Night Vision capability, providing a clear and detailed view of a person running outdoors at night, ensuring security even in darkness.

5.5 Video Storage

The camera offers flexible storage options:

- **Local Storage:** Supports Micro SD card up to 256GB (not included) for continuous recording or event-triggered recordings.
- **Cloud Storage:** Enjoy 3 days of free cloud storage for motion-triggered events. Optional subscription plans may be available for extended cloud storage.



Image 5.5: Cloud and Local Storage Options.

This image highlights the camera's versatile storage solutions, including cloud storage and local storage via a Micro SD card (not included), with no subscription fees required for basic local storage.

5.6 Alexa Integration

The ELECCTV BW4 camera is compatible with Amazon Alexa. You can integrate the camera with your Alexa-enabled devices to view live feeds using voice commands. Refer to the Alexa app for specific setup instructions.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your camera system.

- **Cleaning the Lens:** Gently wipe the camera lens with a soft, dry cloth to remove dust or smudges. Do not use harsh chemicals or abrasive materials.
- **Cleaning the Solar Panel:** Periodically clean the surface of the solar panel to ensure maximum sunlight absorption. Dust, dirt, or debris can reduce charging efficiency.

- **Battery Care:** While the solar panel provides continuous charging, if the camera is stored for a long period, ensure it is fully charged before storage and recharged every few months to maintain battery health.
- **Firmware Updates:** Check the O-KAM Pro app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your ELECCTV BW4 camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; faulty charging cable/adaptor.	Charge the camera fully. Try a different USB cable or power adapter.
Unable to connect to Wi-Fi.	Incorrect Wi-Fi password; camera too far from router; 5GHz Wi-Fi network.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Ensure your router supports 2.4GHz.
Poor image quality.	Dirty lens; insufficient lighting; network interference.	Clean the camera lens. Ensure adequate lighting or enable color night vision. Check Wi-Fi signal strength.
Motion detection not working or too many false alarms.	Incorrect sensitivity settings; detection zone not configured.	Adjust motion detection sensitivity in the app. Configure specific detection zones to exclude irrelevant areas.
Two-way audio not working.	Microphone/speaker blocked; app permissions.	Ensure nothing is obstructing the microphone or speaker. Check app permissions for microphone access on your phone.
Solar panel not charging effectively.	Insufficient sunlight; dirty panel.	Relocate the solar panel to an area with more direct sunlight. Clean the surface of the solar panel.

If the problem persists, please contact ELECCTV customer support for further assistance.

8. SPECIFICATIONS

Feature	Description
Model Name	BW4
Brand	ELECCTV
Recommended Uses	Outdoor Security, Indoor Security
Connectivity Technology	Wireless (Wi-Fi 2.4 GHz)
Resolution	2K QHD (2304 x 1296 pixels)

Feature	Description
Special Features	Two-Way Audio, Color Night Vision, Local Recording, Built-in Light, Motion Detector, AI Motion Detection, Siren, Strobe Lights
Compatible Devices	Alexa App, O-KAM Pro App
Power Source	Battery (5200 mAh) and Solar Powered
Waterproof Rating	IP65 (Dustproof and Waterproof)
Controller Type	Amazon Alexa
Mounting Type	Wall Mount
Local Storage	Micro SD Card (up to 256GB, not included)
Cloud Storage	3 days free for motion events

9. WARRANTY INFORMATION

ELECCTV products typically come with a limited warranty. Please refer to the warranty card included in your product packaging or visit the official ELECCTV website for detailed warranty terms and conditions. The warranty generally covers manufacturing defects and malfunctions under normal use.

Keep your purchase receipt as proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact ELECCTV customer support:

- **Email:** Refer to your product packaging or the official ELECCTV website for the support email address.
- **Website:** Visit the official ELECCTV website for FAQs, troubleshooting guides, and contact forms.
- **App Support:** The O-KAM Pro app may also have a 'Help' or 'Support' section.

When contacting support, please provide your product model (BW4) and a detailed description of the issue.