

ELECCTV BW4

ELECCTV BW4 Wireless Security Camera User Manual

Model: BW4

1. INTRODUCTION AND OVERVIEW

The ELECCTV BW4 is an advanced wireless security camera designed for both indoor and outdoor use. It features dual-band 2.4GHz and 5GHz WiFi connectivity, delivering stable and fast network performance. With 2K QHD resolution, color night vision, AI motion detection, and two-way audio, this camera provides comprehensive surveillance and communication capabilities. Its IP65 waterproof rating ensures durability in various weather conditions, and the built-in rechargeable battery offers wire-free installation flexibility.



Image: ELECCTV BW4 camera highlighting 2.4GHz and 5GHz dual-band WiFi 6 capabilities.

Video: Overview of the WiFi Security Cameras Wireless Outdoor features.

2. WHAT'S IN THE BOX

Your ELECCTV BW4 package includes the following items:

- ELECCTV BW4 Wireless Security Camera(s)
- Mounting bracket(s)
- Mounting screws and anchors
- USB charging cable
- Quick Start Guide

3. SETUP

Follow these steps to set up your ELECCTV BW4 camera:

1. **Charge the Camera:** Fully charge the camera using the provided USB cable before initial use. The built-in 5200mAh battery provides extended operation.
2. **Download the App:** Download the 'O-KAM Pro' app from the App Store (iOS) or Google Play Store (Android).
3. **Account Registration:** Open the app and register for a new account or log in if you already have one.
4. **Add Device:** In the app, tap 'Add Device' or the '+' icon and follow the on-screen instructions to connect your camera. The camera supports both 2.4GHz and 5GHz WiFi networks for flexible connectivity.
5. **Mount the Camera:** Choose a suitable location for installation, ensuring optimal viewing angle and WiFi signal strength. The camera is wire-free and IP65 waterproof, allowing for versatile placement indoors or outdoors. Use the provided mounting bracket, screws, and anchors to secure the camera.

Wire-Free & Battery Powered



Built-in
5200mAh
Large Battery



1-3 Months
Battery Life

Image: A person installing a wire-free, battery-powered ELECCTV BW4 camera on an outdoor wall.

Video: Installation tutorial for the W1 security camera.

Video: Guide to 2.4/5 Ghz WiFi Cameras for Home Security setup.

4. OPERATING INSTRUCTIONS

4.1 Live View and Two-Way Audio

Access the live feed of your camera through the O-KAM Pro app. Utilize the two-way audio feature to communicate with individuals near the camera, such as delivery personnel or family members.



Tow-way Talk

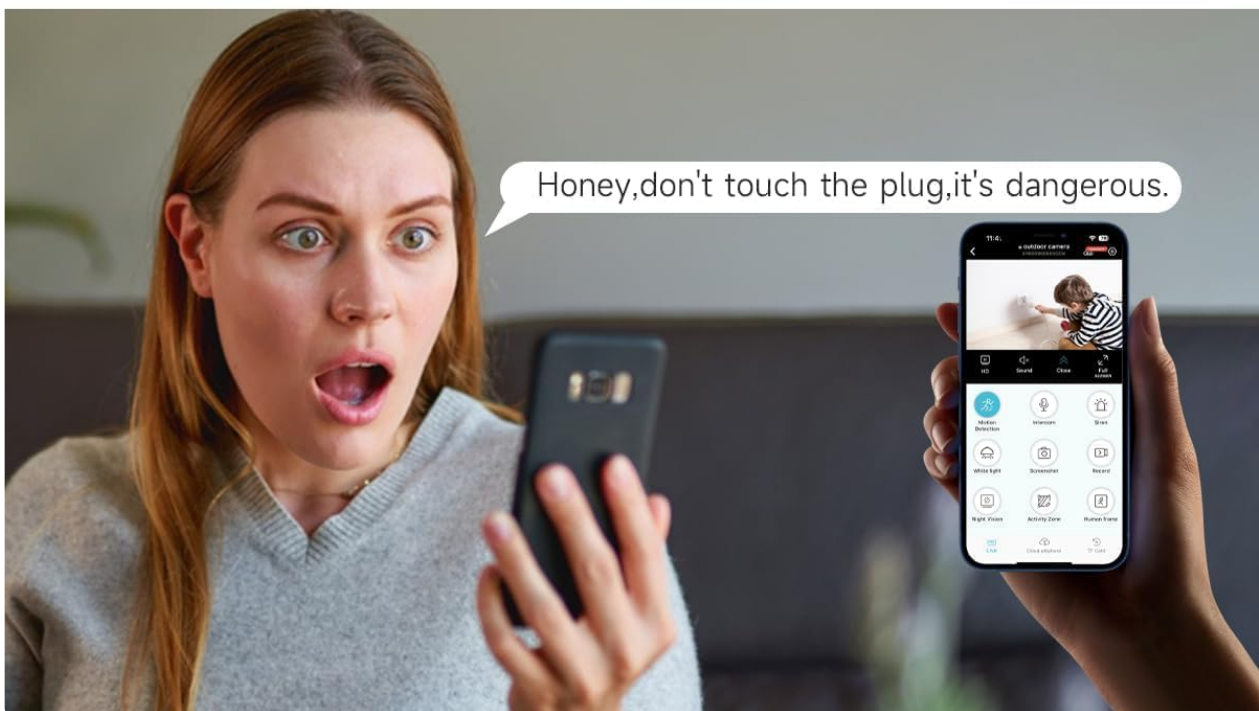


Image: A woman using the O-KAM Pro app to speak through the camera to a child, demonstrating two-way talk.

4.2 AI Motion Detection and Alerts

The camera's AI motion detection can identify human and animal movement, sending instant alerts to your smartphone. Customize detection zones and sensitivity settings within the app to minimize false alarms. The camera can also activate spotlights and a 120dB siren upon detecting intruders.

AI Motion Detection

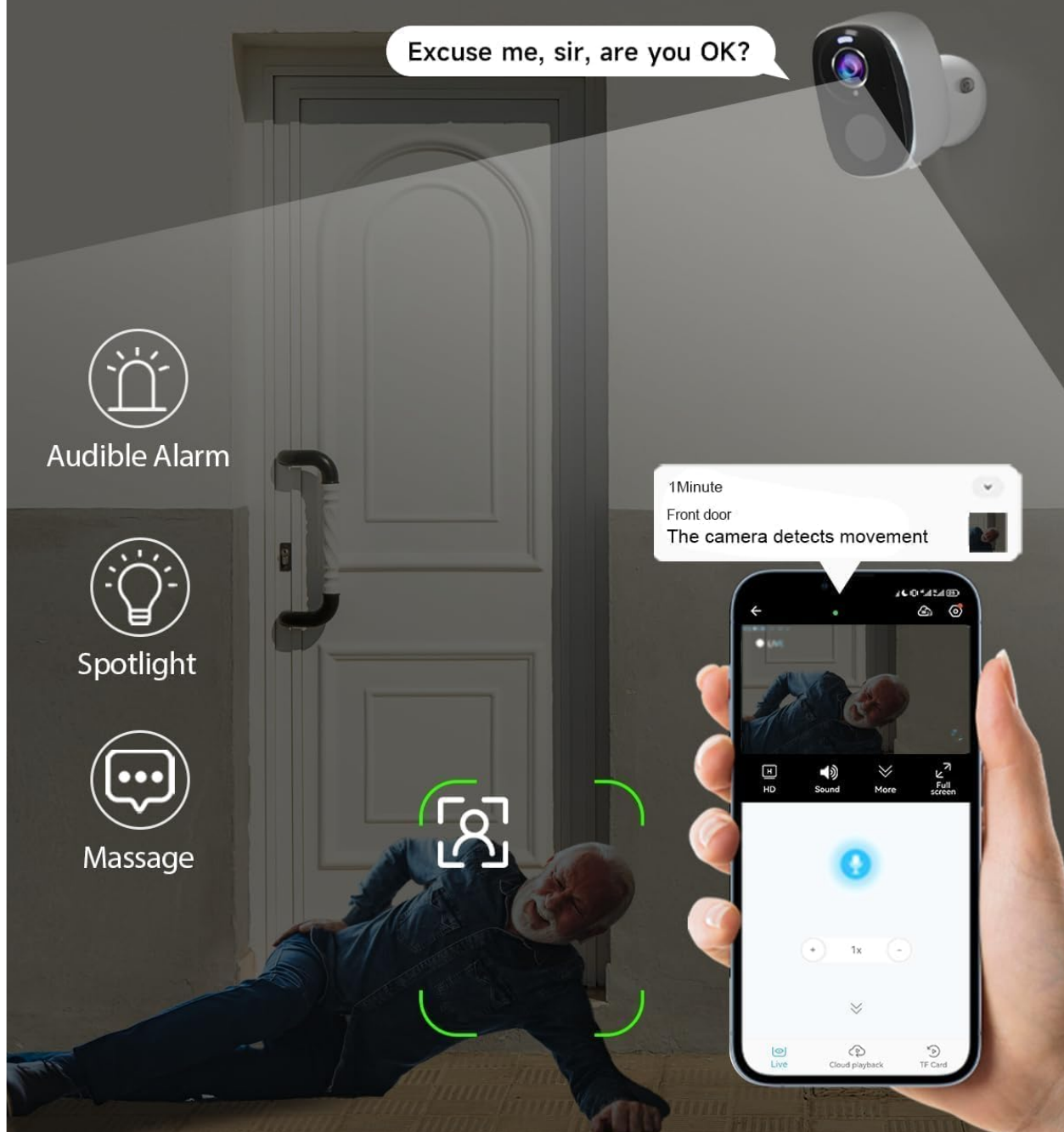


Image: ELECCTV BW4 camera detecting a person who has fallen, with an audible alarm, spotlight, and message notification shown on a smartphone screen.

Video: Demonstration of full color night vision and intruder deterrence.

4.3 Color Night Vision

Benefit from full-color night vision, providing clear and detailed images even in complete darkness, surpassing traditional black and white night vision.

Full Color Night Vision

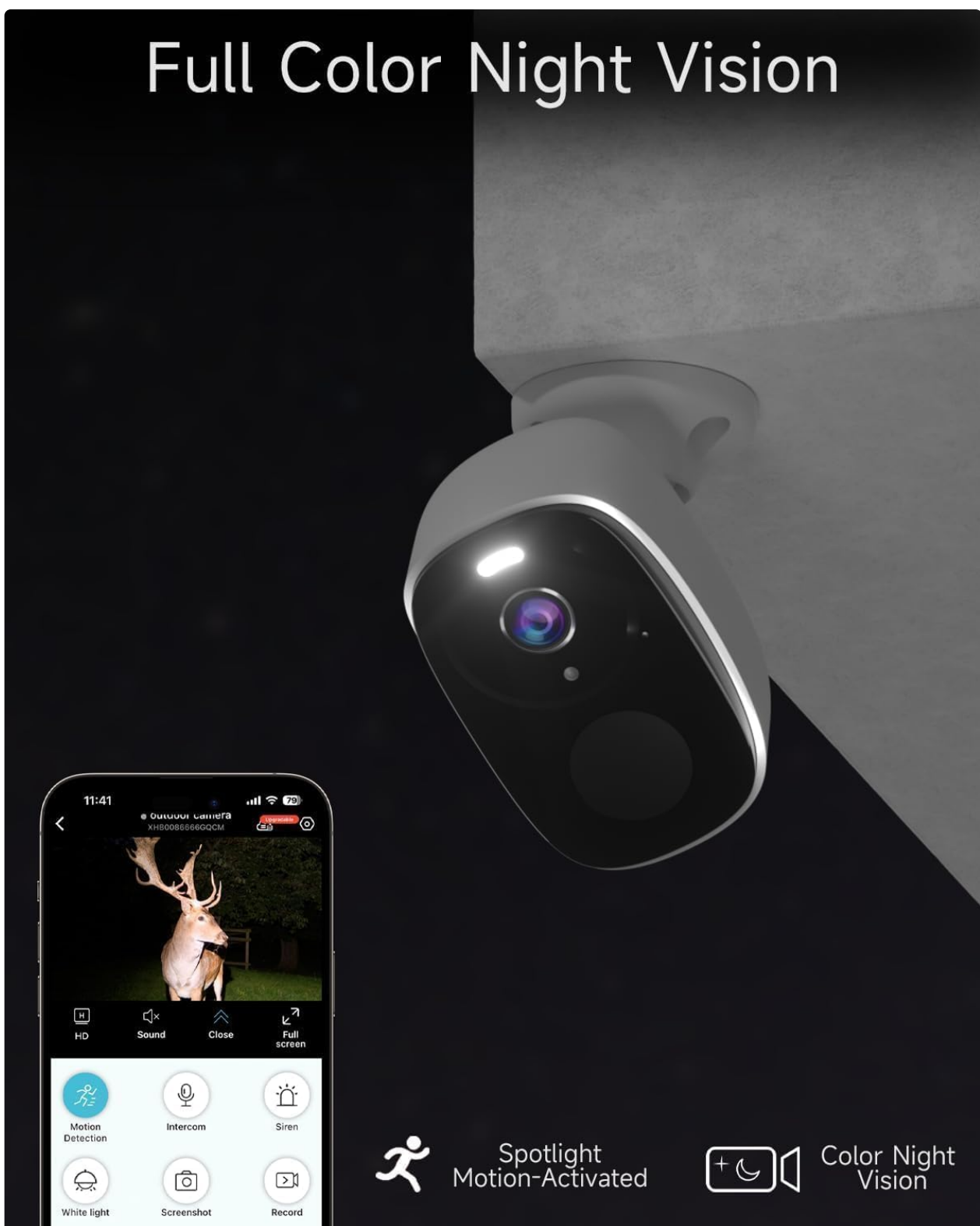


Image: ELECCTV BW4 camera capturing a deer at night with full color night vision, displayed on a smartphone screen.

4.4 Bird Recognition Feature

The camera supports an optional bird recognition feature, which can identify different bird species when the related cloud/AI service is activated (subscription required).

Video: Demonstration of the bird identification feature for W1 camera.

4.5 Alexa Integration

Integrate your ELECCTV BW4 camera with Amazon Alexa for convenient voice control and monitoring. Use commands like "Alexa, show me the courtyard" to view your camera feed on compatible Alexa devices.

Alexa

Harmonize your home security with Alexa . Effortlessly manage your safety with voicecommands for a smarter, responsive living space.

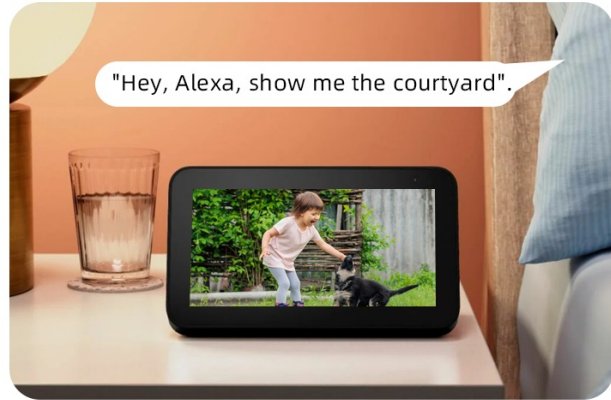


Image: An Amazon Echo Show displaying the live feed from an ELECCTV BW4 camera, demonstrating Alexa integration.

Video: Highlighting family safety and security features.

5. MAINTENANCE

5.1 Battery Management

The camera's 5200mAh rechargeable battery can last 1-3 months on a full charge, depending on usage and power-saving settings in the app. Recharge the camera when the battery level is low using the provided USB cable.

5.2 Weather Resistance

The ELECCTV BW4 camera is IP65 certified, making it resistant to dust and water splashes. This ensures reliable operation in various outdoor weather conditions, including rain and snow.

IP65 Certification Accompany the whole year



Image: ELECCTV BW4 camera mounted outdoors in the rain, illustrating its IP65 waterproof certification.

5.3 Storage Options

The camera supports local storage via a Micro SD card (up to 256GB, not included) and optional cloud storage (subscription required). Regularly check your storage to ensure continuous recording. Manage and review recordings through the O-KAM Pro app.

SD Card & Cloud storage

Up to 256GB Micro SD Card (Not included)



Safe Cloud Storage
(Need Subscribed)



Up to **256GB** Micro SD Card
(Not Included)



Image: ELECCCTV BW4 camera with icons for safe cloud storage and Micro SD card storage.

6. TROUBLESHOOTING

- **Camera Not Connecting to WiFi:** Ensure your WiFi router is within range and broadcasting a strong signal. Verify that you have selected the correct 2.4GHz or 5GHz network during setup. Restart both the camera and your router.
- **Frequent False Alarms:** Adjust the AI motion detection sensitivity settings in the O-KAM Pro app. Define specific detection zones to monitor only critical areas and reduce triggers from irrelevant movements.
- **Poor Video Quality:** Check your internet connection speed. Ensure the camera lens is clean and free

from obstructions. For optimal 2K QHD resolution, a stable and fast network connection is recommended.

- **Battery Drains Quickly:** Reduce the frequency of motion detection events and live view access. Ensure the camera is placed in an area with adequate light if using color night vision frequently, as this consumes more power. Consider pairing with a compatible solar panel for continuous charging.
- **SD Card Not Detected:** Ensure the Micro SD card is correctly inserted. Format the SD card through the app if it's a new card or if issues persist. Check if the card is damaged or incompatible.
- **Delayed Notifications:** Check your phone's notification settings for the O-KAM Pro app to ensure they are enabled. Verify your internet connection for any latency issues.

7. SPECIFICATIONS

Feature	Specification
Brand	ELECCTV
Model Name	BW4
Connectivity Technology	Wireless (2.4/5Ghz Wi-Fi)
Video Capture Resolution	2K QHD (2304*1297)
Special Features	2-Way Audio, Color Night Vision, Local Recording, Built-In Light, Motion Sensor, Portable
Indoor/Outdoor Usage	Indoor/Outdoor
Water Resistance Level	IP65 Waterproof
Power Source	Battery Powered (5200mAh)
Battery Life	1-3 months (typical), up to 180 days standby
Viewing Angle	130 Degrees
Night Vision Range	33 Feet
Compatible Devices	Alexa & O-KAM Pro APP
Storage Options	Micro SD Card (up to 256GB), Cloud Storage (optional subscription)

8. WARRANTY AND SUPPORT

8.1 Manufacturer Warranty

The ELECCTV BW4 camera is equipped with a 5200mAh battery, designed to provide approximately 36,000 seconds of motion-triggered video recording. This translates to responding to about 60 daily triggers, recording 10-second videos each time. It can maintain standby for up to 180 days under ideal conditions. For extended operation, it can be paired with a 3W solar panel, charging at approximately 140mAh per hour. Actual performance may vary based on real-world usage scenarios.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please refer to the contact information provided in your Quick Start Guide or visit the official ELECCTV support website. Ensure you have your product model and purchase details ready when contacting support.