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ELECCTV BW4 (C363)

ELECCTV BW4 Wireless Outdoor Security Camera User Manual

Model: BW4 (C363) with Solar Panel

1. INTRODUCTION

Thank you for choosing the ELECCTV BW4 Wireless Outdoor Security Camera. This camera system is designed to provide reliable and comprehensive surveillance for your home or property, featuring solar power capabilities, 2K QHD resolution, color night vision, and advanced motion detection. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

Please verify that all components are present in your package:

- ELECCTV BW4 Security Camera
- Solar Panel
- Mounting Screw Kit
- Power Adapter
- USB Cable
- Quick Start Guide

3. PRODUCT SPECIFICATIONS

Feature	Specification
Model Name	BW4
Item Model Number	C363
Indoor/Outdoor Usage	Outdoor
Power Source	Battery & Solar Powered (5200 mAh Lithium Ion battery included)

Feature	Specification
Connectivity Technology	Wireless (2.4 GHz Wi-Fi)
Video Capture Resolution	2K QHD (2304x1296 pixels)
Viewing Angle	130 Degrees
Night Vision Range	33 Feet (Color Night Vision)
Water Resistance Level	IP65 (Dust & Waterproof)
Storage Options	Cloud Storage (1-day free history), Local Storage (up to 256 GB Micro SD card, not included)
Audio	Two-Way Audio
Motion Detection	AI Motion Detection, Siren Alarm, Strobe Lights
Compatible Devices	Alexa & O-KAM Pro APP
Dimensions (L x W x H)	10 x 1.98 x 2.7 inches
Item Weight	1.39 pounds

4. SETUP AND INSTALLATION

4.1 Charging the Camera

Before initial use, fully charge the camera's built-in 5200mAh battery using the provided power adapter and USB cable. A full charge ensures the camera is ready for operation and can be sustained by the solar panel.

4.2 App Download and Account Setup

Download the **O-KAM Pro APP** from your smartphone's app store (iOS or Android). Follow the in-app instructions to create an account and register your device. Ensure your phone is connected to a 2.4 GHz Wi-Fi network during setup.

4.3 Mounting the Camera and Solar Panel

The camera and solar panel are designed for wall-mounted outdoor installation. Choose a location that provides a clear view of the area you wish to monitor and receives ample direct sunlight for the solar panel.

- **Camera Placement:** Mount the camera at a height that provides optimal coverage and detection.
- **Solar Panel Placement:** Position the solar panel to maximize sun exposure throughout the day. Connect the solar panel cable to the camera's charging port.



Image: The ELECCTV BW4 security camera and its accompanying solar panel are shown mounted on an exterior wall, illustrating a typical installation setup. The solar panel is positioned above the camera to capture sunlight effectively.



Image: This image displays the ELECCTV BW4 security camera, its solar panel, and a smartphone screen showing the live feed from the camera. The app interface indicates 2K resolution and color night vision capabilities.

4.4 Wi-Fi Connection

Follow the in-app instructions to connect the camera to your 2.4 GHz Wi-Fi network. The camera does not support 5 GHz Wi-Fi.

5. OPERATING INSTRUCTIONS

5.1 Live View

Open the O-KAM Pro APP and select your camera to view the live feed. You can switch between HD and SD quality, and access various controls.

5.2 Two-Way Audio

Utilize the two-way audio feature to communicate with visitors or deter intruders. Tap the microphone icon in the app to speak, and the speaker icon to listen.



Two-way Talk
Talk to anyone anytime, anywhere.



Image: A person is shown interacting with a delivery driver via the camera's two-way audio feature, demonstrating real-time communication through the smartphone app.

5.3 Motion Detection and Alerts

The camera features advanced AI motion detection. When motion is detected, the camera can trigger a siren alarm and strobe lights, and send instant alerts to your smartphone.

AI Motion Detection



Siren



Message



Spotlight



Stay away from here!

1Minute
Front door
The camera detects movement

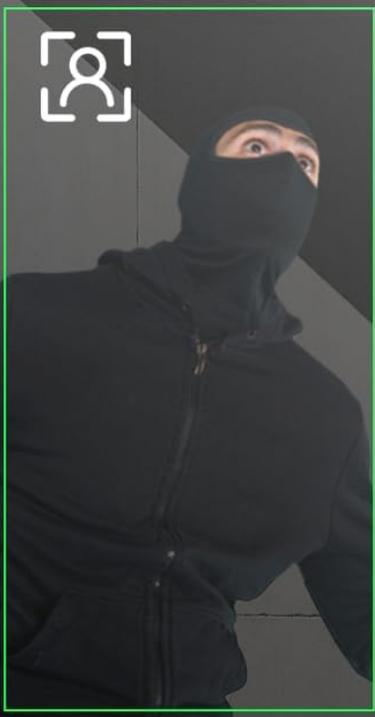


Image: This graphic illustrates the AI motion detection capabilities, showing the camera identifying a person and triggering a siren and spotlight, with a notification appearing on a smartphone.

5.4 Color Night Vision

The camera provides clear 2K QHD resolution even in low-light conditions with its full-color night vision mode, ensuring detailed footage day and night.

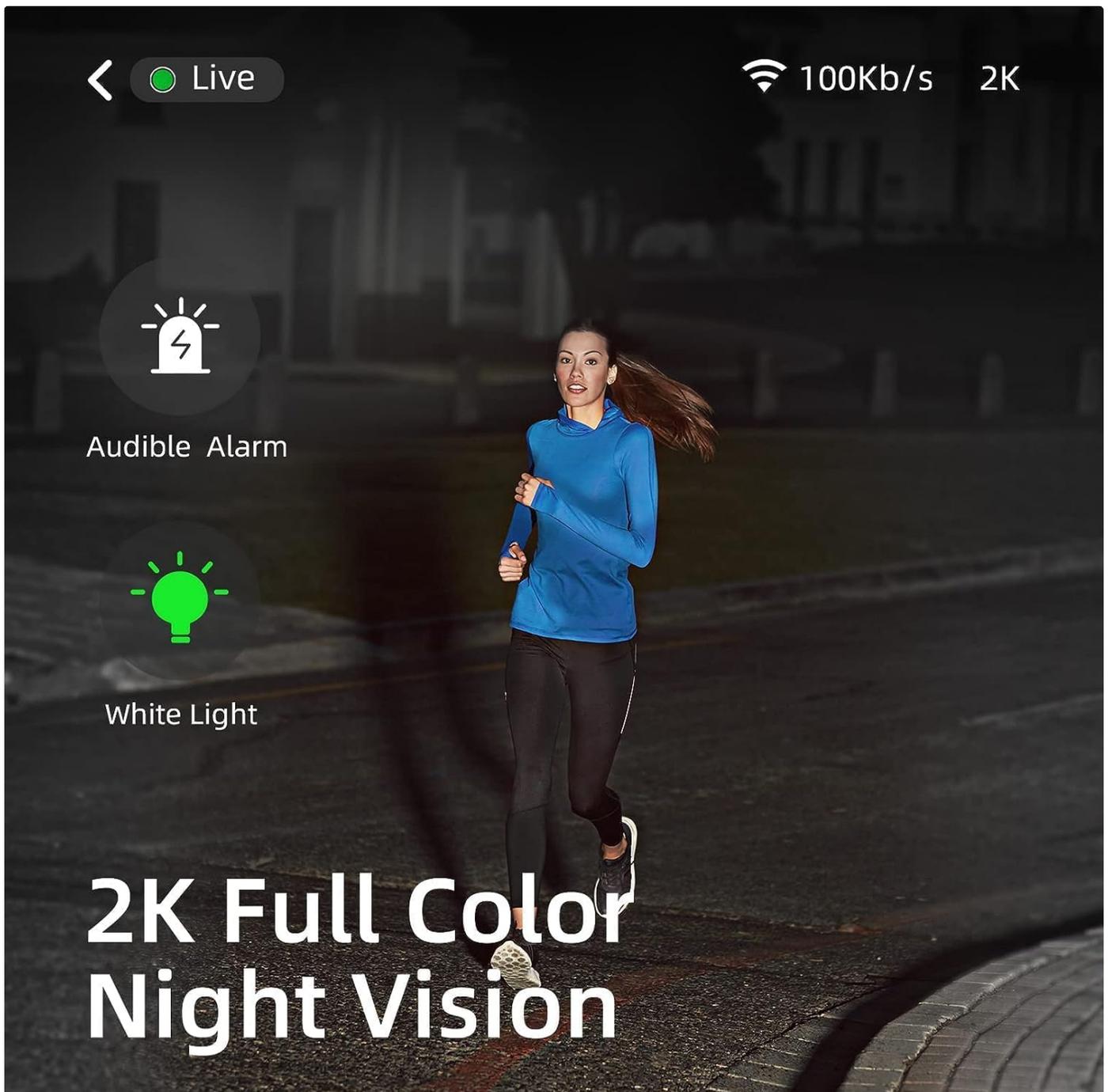


Image: A demonstration of the camera's 2K Full Color Night Vision, showing a clear, illuminated view of a person running at night, with icons for audible alarm and white light.

5.5 Recording and Storage

The camera supports both cloud storage and local storage. You receive 1 day of free cloud storage history. For local storage, insert a Micro SD card (up to 256 GB, not included) into the designated slot on the camera.

3 Days
Free Cloud
Storage



Cloud
Service

Only 5.99/month
(Not mandatory)



Local
Storage

(Up to 256GB)

Micro SD Card

Local storage more secure



Image: This image highlights the storage options for the ELECCTV camera, detailing 3 days of free cloud storage and local storage capabilities up to 256GB via Micro SD card.

5.6 Custom Detection Zones

You can define specific detection zones within the camera's field of view through the O-KAM Pro APP. This helps to reduce false alarms by focusing on areas of interest.



Image: A visual representation of the detection zone feature, showing how users can select specific areas within the camera's view for motion detection, overlaid on a house exterior.

5.7 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.

6. MAINTENANCE

6.1 Battery and Solar Charging

The camera's 5200mAh battery is designed for long-term use, supplemented by the solar panel for continuous charging. Ensure the solar panel is clean and free from obstructions (e.g., leaves, dirt) to maximize charging efficiency. In periods of prolonged low sunlight, the camera may require manual charging via the USB cable.

6.2 Cleaning

Periodically clean the camera lens and solar panel surface with a soft, damp cloth to remove dust and grime. Do not use harsh chemicals or abrasive materials.

6.3 Weather Resistance

The camera has an IP65 rating, making it dust and waterproof. While designed to withstand various weather conditions, extreme temperatures or prolonged submersion should be avoided.



Image: The camera and solar panel are shown installed outdoors during rainfall, emphasizing their IP65 waterproof rating and ability to withstand weather conditions.

7. TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4 GHz. Check Wi-Fi signal strength at the camera's location. Restart your router and the camera.
- **Poor image quality:** Clean the camera lens. Ensure adequate lighting. Check your internet connection speed.
- **Battery not charging:** Ensure the solar panel is clean and receiving direct sunlight. Check the connection between the solar panel and the camera. If necessary, charge the camera directly with the power adapter.
- **Motion detection not working:** Check motion detection settings in the O-KAM Pro APP. Ensure detection zones are correctly configured.
- **No audio:** Check volume settings on your smartphone and in the app. Ensure the camera's microphone and speaker are not obstructed.

8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official ELECCTV website or contact their customer service. You can also find additional resources and a downloadable PDF version of the user manual [here](#).