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## ELECCTV W1

# ELECCTV W1-B-2PC 2K Dual-Band WiFi Security Camera User Manual

Model: W1-B-2PC

## 1. INTRODUCTION

Thank you for choosing the ELECCTV W1-B-2PC 2K Dual-Band WiFi Security Camera. This manual provides essential information for the proper installation, operation, and maintenance of your security camera system. The W1-B-2PC camera features advanced 2.4GHz and 5GHz dual-band wireless connectivity, 2K QHD video resolution, color night vision, AI motion detection with spotlight and siren, two-way audio communication, and an IP65 weather-resistant design for reliable outdoor use. Please read this manual thoroughly before use to ensure optimal performance and safety.

## 2. SAFETY INFORMATION

- Ensure the camera is installed in a location where it is protected from direct impact or vandalism.
- Use only the provided charging cable and adapter to charge the camera's battery.
- Do not expose the camera to extreme temperatures outside its operating range (-4°F to 113°F / -20°C to 45°C).
- Keep the camera and its accessories out of reach of children.
- Avoid pointing the camera directly at strong light sources, as this may affect image quality.
- Regularly check the mounting to ensure the camera remains securely attached.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- ELECCTV W1-B-2PC Security Camera (2 units)
- Mounting Bracket (2 units)
- USB Charging Cable (2 units)
- Mounting Screw Kit (2 sets)
- User Manual

## 4. PRODUCT OVERVIEW

Familiarize yourself with the components of your ELECCTV W1-B-2PC camera:



Image: Front view of two ELECCTV W1-B-2PC cameras.

- **Lens:** Captures 2K QHD video footage.
- **Spotlight:** Provides illumination for color night vision and acts as a deterrent.
- **PIR Motion Sensor:** Detects heat signatures for accurate motion detection.
- **Microphone:** Captures audio for two-way talk and recording.
- **Speaker:** Enables two-way audio communication and siren activation.
- **Mounting Base:** Allows for secure wall or ceiling installation.
- **USB Charging Port:** For recharging the internal battery.
- **Reset Button:** Used to reset the camera to factory settings.
- **Micro SD Card Slot:** Supports local storage up to 256GB (card not included).

## 5. SETUP GUIDE

### 5.1. Charging the Camera

Before initial use, fully charge the camera's built-in rechargeable battery. Connect the provided USB charging cable to the camera's charging port and a standard 5V/2A USB power adapter (not included). The charging indicator light will show the charging status. A full charge can last 1-3 months depending on usage and power-saving settings.

### 5.2. App Installation

Download and install the **O-KAM Pro** app on your smartphone. The app is available for both iOS and Android devices. Search for "O-KAM Pro" in your device's app store or scan the QR code provided in the quick start guide (if applicable).

## Easy to Access by Dual-Band WiFi 6 connection

Never miss a moment with live updates on your home's security, ensuring peace of mind day and night.

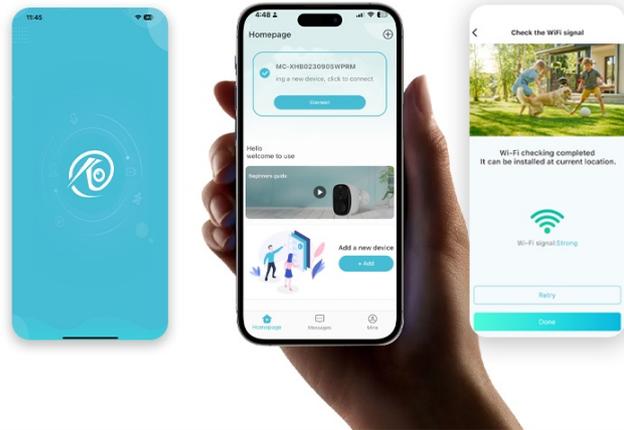


Image: O-KAM Pro app interface for easy setup and WiFi connection.

### 5.3. Device Pairing

Follow these steps to connect your camera to your Wi-Fi network:

1. Open the O-KAM Pro app and create an account or log in.
2. Tap the "+" icon to add a new device.
3. Select your camera model from the list.
4. Power on the camera. If the indicator light is not flashing, press and hold the reset button for 5 seconds until it flashes.
5. Follow the in-app instructions to connect the camera to your 2.4GHz or 5GHz Wi-Fi network. The camera supports dual-band connectivity for a stable connection.
6. Scan the QR code displayed on your phone with the camera lens.
7. Once connected, name your camera and complete the setup.



Image: Dual-band WiFi 6 connectivity and key features.

### 5.4. Camera Mounting

The ELECCTV W1-B-2PC camera is 100% wire-free and IP65 waterproof, allowing for flexible installation both indoors and outdoors. Choose a location with a strong Wi-Fi signal and a clear view of the area you wish to monitor.

1. Mark the desired drilling spots using the mounting bracket as a template.
2. Drill holes and insert wall anchors if mounting on a masonry surface.

3. Secure the mounting bracket to the wall or ceiling using the provided screws.
4. Attach the camera to the mounting bracket and adjust the angle for optimal coverage.

# 100% Wireless & IP65 Waterproof

With 5000 mAh rechargeable battery and IP65 waterproof it can be mounted virtually anywhere!



# IP65



Rainproof



Sunproof



Snowproof

 -4°F

113°F 

Image: Camera demonstrating IP65 waterproof rating in rain.

## Put it Anywhere

Easy to install and flexible to adjust, can be mounted on the wall or under the eaves. Can be installed indoors and outdoors



Image: Flexible mounting options for the camera.

## 6. OPERATING INSTRUCTIONS

### 6.1. Live View and Playback

Access the O-KAM Pro app to view live 2K QHD video from your camera. You can also review recorded events by date and time. The app supports simultaneous live streaming from up to four cameras for comprehensive coverage.

## Day at a Glance

Effortlessly sort and review your day's events by date, then download with a single tap.



Image: Reviewing recorded events in the app.



Image: Quad-view live streaming in the app.

### 6.2. Two-Way Audio

The camera features a built-in microphone and speaker. In the live view interface of the O-KAM Pro app, tap the microphone icon to speak through the camera and the speaker icon to listen to audio from the camera's location.

### 6.3. Motion Detection and Alerts

The camera utilizes AI motion detection to identify human movement. When motion is detected, the camera can activate its spotlight, trigger a 120dB siren, and send instant notifications to your smartphone. You can customize detection zones and sensitivity settings within the app to reduce false alerts.

## Night Guard Security

Upon detecting intruders at night, the camera activates spotlights and a 120dB siren to deter intrusion, while promptly notifying you to ensure home safety

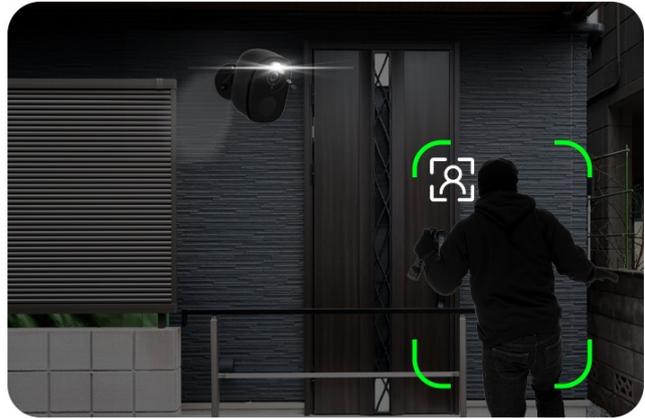


Image: Night guard security with spotlight and siren activation.

## AI Precision Detection

Advanced features it can clear analysis and recognition person and Bird, guaranteeing accuracy and reliability while reducing false alerts

Note: Bird Identification Feature incurs extra charges but is optional



Image: AI precision detection for persons and birds.

### 6.4. Night Vision Modes

The camera offers both infrared and full-color night vision. With its 2K QHD resolution and integrated spotlights, you can achieve clear, detailed color images even in low-light conditions. The 130° wide-angle lens provides extensive coverage.

# 2K QHD Color Night Vision

With 2 PiR led and 2 white lights, you can see amazing night vision even in dim light



Image: 2K QHD Color Night Vision in action.

# Day&Night Security with Color Night Vision

f/2.0  
Lens

5X  
Digital Zoom

20% ↑  
Light

40~60ft  
Visible Distance

30~40ft  
Detection Range



Image: Day and night security with color night vision and digital zoom capabilities.

## 6.5. Storage Options

Your camera supports two storage methods:

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the designated slot for local storage of recordings.
- **Cloud Storage:** The camera offers free 1-day rolling cloud storage for life, with no subscription required for this basic service. Extended cloud storage plans may be available through the app.

# SD Card & Cloud storage

Up to 256GB Micro SD Card (Not included)  
Free 1-Day Rolling Cloud Storage



**Free 1-Day Rolling**  
Cloud Storage



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



Image: SD Card and Cloud storage options.

## 6.6. Smart Home Integration (Alexa)

The ELECCTV W1-B-2PC camera is compatible with Amazon Alexa. Follow the instructions in the O-KAM Pro app or your Alexa app to link your camera and enable voice commands for live viewing on compatible Alexa-enabled devices.

## 6.7. Sharing Access

You can share access to your camera's live feed and recordings with family members through the O-KAM Pro app. This allows multiple users to monitor the property simultaneously.

## Together for Safety

One-click sharing, Empower each family member with access to security system, uniting your household in safeguarding home.



Image: Sharing camera access with family for enhanced security.

### 6.8. Bird Identification Feature

The camera includes an advanced bird identification feature that can distinguish different bird species. Note that this feature requires a separate subscription within the O-KAM Pro app.

# Your Guardian by Night, Bird Guide by Day.

AI Birds Identification with 10000+ Species  
(needs to subscription)



Image: Bird identification and night security features.

## New Bird Identification Feature

Can identify bird names and send them to your phone, bringing a surprise to customers who love birds. (Upgrading this feature requires payment.)

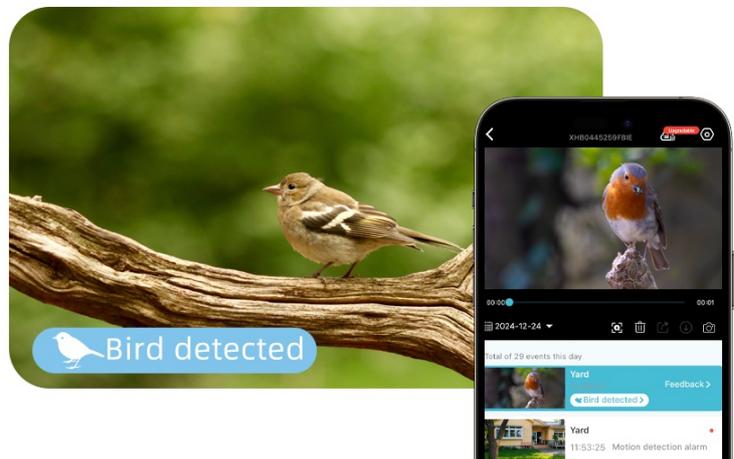


Image: New bird identification feature in the app.

## 7. MAINTENANCE

- **Battery Charging:** Recharge the camera battery as needed. The app will notify you when the battery level is low.
- **Cleaning:** Periodically clean the camera lens and body with a soft, dry cloth to ensure clear image quality and proper sensor function. Do not use harsh chemicals.
- **Firmware Updates:** Keep the camera's firmware updated through the O-KAM Pro app to ensure optimal performance, security, and access to new features.

## 8. TROUBLESHOOTING

Issue	Possible Solution
Camera not connecting to Wi-Fi	Ensure your Wi-Fi network is 2.4GHz or 5GHz. Check Wi-Fi signal strength at the camera's location. Reset the camera and try pairing again. Verify correct Wi-Fi password entry.
Poor image quality	Clean the camera lens. Ensure there are no obstructions in the camera's field of view. Check Wi-Fi signal strength for stable streaming.
Motion detection not working or too sensitive	Adjust motion detection sensitivity and customize detection zones in the O-KAM Pro app. Ensure the PIR sensor is not blocked.
Battery drains quickly	Reduce motion detection frequency or sensitivity. Adjust power-saving modes in the app. Ensure the camera is not in an area with constant motion.
Two-way audio not functioning	Check microphone and speaker permissions for the O-KAM Pro app on your smartphone. Ensure camera's microphone and speaker are not obstructed.

## 9. SPECIFICATIONS

Feature	Specification
Model Name	W1
Video Capture Resolution	2K QHD (1920p)
Connectivity Technology	Wi-Fi (2.4GHz & 5GHz Dual-Band)
Power Source	Battery Powered (Rechargeable)
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	IP65
Special Features	Wireless, AI Motion Detection, Spotlight, Siren, Color Night Vision, 2-Way Talk
Compatible Devices	Smartphone (via O-KAM Pro App), Amazon Alexa
Storage Options	Micro SD Card (up to 256GB), Cloud Storage
Lens Aperture	f/2.0

Feature	Specification
Digital Zoom	5X
Field of View	130° Wide-angle
Product Dimensions	8 x 2 x 2.7 inches
Item Weight	1.39 pounds (0.63 Kilograms)
UPC	765150757364

## 10. WARRANTY AND SUPPORT

ELECCTV products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official ELECCTV website. If you encounter any issues or require technical assistance, please contact ELECCTV customer support through the O-KAM Pro app or the contact information provided on the ELECCTV website.