

[Manuals.plus](#) /

› [ELECCTV](#) /

› ELECCTV Solar Security Cameras Wireless Outdoor User Manual

ELECCTV W1SP-B-4PC

ELECCTV Solar Security Cameras Wireless Outdoor User Manual

Model: W1SP-B-4PC | Brand: ELECCTV

INTRODUCTION

Thank you for choosing ELECCTV Solar Security Cameras. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new wireless outdoor security camera system. Designed for comprehensive home security, these cameras feature 2K QHD video, 5G & 2.4G WiFi connectivity, AI detection, color night vision, and two-way audio communication. The integrated solar panel ensures continuous power, offering a truly wire-free experience.

PACKAGE CONTENTS

Ensure all items are present in your package:

- ELECCTV Solar Security Cameras (4 units)
- Solar Panels (4 units)
- Mounting Hardware
- User Manual

SETUP GUIDE

Follow these steps to set up your ELECCTV Solar Security Cameras:

1. Charging the Cameras

Although the cameras come with solar panels for continuous power, it is recommended to fully charge the cameras via USB before the initial installation to ensure optimal performance from day one. Each camera is equipped with a 5200 mAh battery.

2. App Installation and Account Creation

Download the **O-KAM Pro** app from your device's app store (available for iOS and Android). Create an account and log in.

3. Connecting Cameras to Wi-Fi

The cameras support both 5GHz and 2.4GHz Wi-Fi networks for flexible connectivity. For initial setup, ensure your phone is connected to a 2.4GHz Wi-Fi network as some features might be optimized for it.

1. Open the O-KAM Pro app and tap 'Add Device'.
2. Follow the on-screen prompts to connect your camera to your Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera.
3. Ensure the camera is within range of your Wi-Fi router for a stable connection.



Image: Four ELECCTV solar security cameras and their solar panels, illustrating the complete system.

Easy to Set UP

Samrt Security anywhere you need it

- Total wire-free and IP65 weatherproof
- Get live video and clear two-way audio to hear and speak with visitors
- See more with 2K FHD and 128°viewing angel
- Hands-free home monitoring by connctected with Alexa
- Designed for indoor and outdoor

Image: A person installing an ELECCTV camera, highlighting the ease of setup.

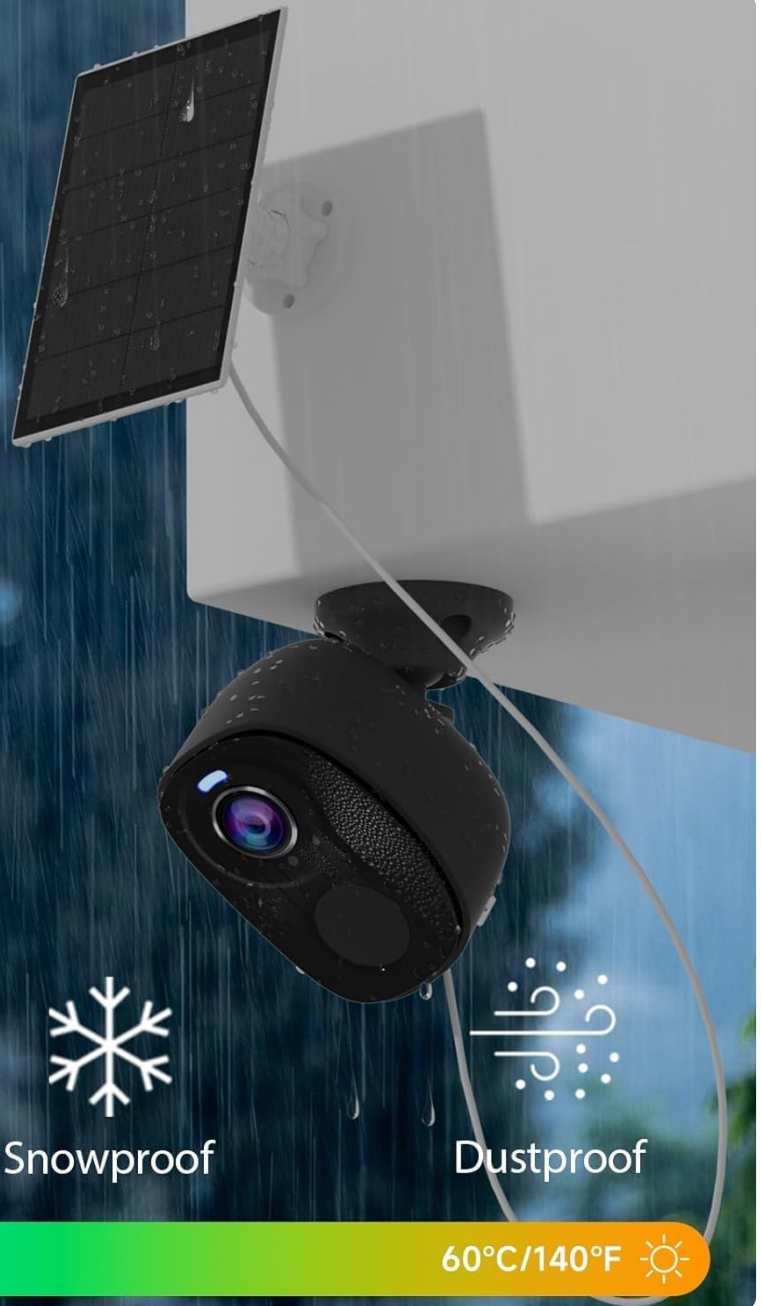
4. Mounting the Cameras and Solar Panels

The cameras are 100% wire-free and IP65 waterproof, allowing for flexible outdoor installation. Choose a location with good Wi-Fi signal and direct sunlight exposure for the solar panel.

- Use the provided mounting hardware to securely attach the camera and solar panel to a wall or desired surface.
- Adjust the angle of the solar panel to maximize sunlight exposure throughout the day.
- Ensure the camera has a clear line of sight to the area you wish to monitor.

IP65

Waterproof



Waterproof



Snowproof



Dustproof

 -20°C/-4°F

60°C/140°F 

Image: An ELECCTV camera and solar panel mounted outdoors, demonstrating its IP65 waterproof, snowproof, and dustproof capabilities.

OPERATING INSTRUCTIONS

Maximize the potential of your ELECCTV security cameras with these operational guidelines:

1. Live View and 2K QHD Video

Access live video streams from your cameras via the O-KAM Pro app. The 2K QHD resolution (2304*1297) provides clear and detailed footage, offering a wider 140° field of view.

2. Color Night Vision

The cameras are equipped with color night vision, allowing you to see clear, full-color images even in total darkness, enhancing visibility and identification at night.

Color Night vision



Image: A visual representation of the camera's 2K color night vision capability, showing clear images in low light.

2K Color Night Vision

Capture details in 2K HD and see more at night with color night vision



Image: A side-by-side comparison illustrating the superior detail and color provided by 2K color night vision compared to standard infrared.

3. AI Motion Detection & Custom Delineated Areas

The cameras feature advanced AI motion detection that can quickly identify movement and send real-time alerts to your mobile app. To reduce unnecessary notifications, you can customize detection areas within the app, focusing on specific zones of interest.



Image: A visual guide to setting up custom detection zones to minimize false alerts.

Video: Demonstrates the camera's AI bird identification feature, showing how it recognizes different bird species at a feeder.

4. Two-Way Talk & Siren Alarm

Communicate with visitors or deter intruders using the built-in two-way audio function. You can speak through the camera and hear responses via the app. An audible siren alarm can also be activated to warn off unwanted guests.

PIR Motion Detection & Siren Alarm & 2-Way Talk

Get notification on your phone and react quickly



Image: Illustration of the camera's PIR motion detection, siren alarm, and two-way talk capabilities in action.



Two-Way Audio

OK



Put it at the door, thanks



Adjustable
volume



Clear
Audio

Image: A user interacting with a delivery person via the camera's two-way audio feature.

5. Device Sharing & Alexa Integration

Share camera access with up to 4 users simultaneously, allowing family members to view live feeds and receive alerts. The cameras are also compatible with Alexa, enabling voice control for convenient monitoring.



Image: Demonstrates the real-time family video sharing feature, allowing multiple users to view camera feeds.

Real-Time Family Video Sharing



Easily add family members via the app to share live camera feeds with multiple people, keeping the whole family informed about home activities.

Image: An example of using Alexa voice commands to view camera feeds on a smart display.

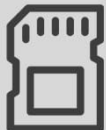
6. Storage Options

Your ELECCTV cameras offer flexible storage solutions:

- **Cloud Storage:** Enjoy free 1-day rolling cloud storage for life, with no subscription required.
- **Micro SD Card:** Support for local storage on a Micro SD card (not included), up to 256GB.

Local Security*

No Monthly Fee



Micro SD Card
Up to 256GB
(Not included)

Cloud Storage
3 Days Playback
for Free



Image: Overview of the camera's storage options, including free cloud storage and Micro SD card support.

MAINTENANCE

To ensure the longevity and optimal performance of your ELECCTV Solar Security Cameras, consider the following maintenance tips:

- **Solar Panel Cleaning:** Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption. A clean panel ensures efficient battery charging.
- **Lens Cleaning:** Gently clean the camera lens with a microfiber cloth to ensure clear image quality. Avoid abrasive materials that could scratch the lens.
- **Firmware Updates:** Regularly check the O-KAM Pro app for available firmware updates. Updates often include performance improvements, bug fixes, and new features.
- **Battery Health:** While designed for 365 days of non-stop power, extreme weather conditions or prolonged periods without direct sunlight may affect battery levels. Monitor battery status in the app and ensure the solar

panel is optimally positioned.

- **Physical Inspection:** Periodically inspect the camera and mounting hardware for any signs of wear, damage, or loose connections, especially after severe weather.

TROUBLESHOOTING

If you encounter issues with your ELECCTV Solar Security Cameras, refer to the following common troubleshooting steps:

No Connection / Offline Camera

- **Wi-Fi Check:** Ensure your Wi-Fi router is working correctly and the camera is within range. Remember that the camera primarily uses 2.4GHz Wi-Fi for stable connection.
- **Signal Strength:** Check the Wi-Fi signal strength in the O-KAM Pro app. If weak, consider relocating the camera or using a Wi-Fi extender.
- **Reboot:** Try restarting the camera by pressing the reset button (if available) or temporarily disconnecting it from power (if applicable, though these are solar-powered).
- **Router Settings:** Verify that your router's settings are not blocking the camera's connection.

Poor Image Quality

- **Clean Lens:** Ensure the camera lens is clean and free from dust, dirt, or water spots.
- **Lighting:** Check the lighting conditions. While the camera has color night vision, extreme low light or direct glare can affect quality.
- **Resolution Settings:** Confirm that the video resolution is set to 2K QHD in the app settings.

False Motion Alerts

- **Adjust Sensitivity:** Lower the motion detection sensitivity in the O-KAM Pro app.
- **Customize Detection Zones:** Utilize the custom delineated area feature to exclude areas with frequent irrelevant motion (e.g., busy roads, swaying trees).
- **AI Detection:** Ensure AI detection is enabled to differentiate between humans/vehicles and other movements.

Battery Not Charging

- **Solar Panel Position:** Ensure the solar panel is receiving direct sunlight for several hours a day. Adjust its angle if necessary.
- **Panel Cleanliness:** Clean the solar panel surface as described in the Maintenance section.
- **Cable Connection:** Verify that the cable connecting the solar panel to the camera is securely attached.

For further assistance, please refer to the customer service information provided in your product packaging or contact ELECCTV support directly through the O-KAM Pro app.

SPECIFICATIONS

Feature	Detail
Model Name	BW4 With Solar Power
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Battery Powered (5200 mAh)
Connectivity Protocol	Wi-Fi (2.4GHz & 5GHz support)
Video Capture Resolution	2K QHD (2304*1297)
Viewing Angle	140 Degrees
Night Vision Range	33 Feet
Water Resistance Level	IP65
Included Components	Security Camera, Solar Panel
Compatible Devices	Alexa & O-KAM Pro APP
Item Dimensions (L x W x H)	8 x 2 x 2.69 inches
Item Weight	4.02 pounds
Maximum Webcam Image Resolution	3 MP

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product packaging or visit the official ELECCTV website. If you require technical support or have any questions regarding your ELECCTV Solar Security Cameras, please contact our customer service team. Contact details can typically be found in the O-KAM Pro app or on the ELECCTV website.

Online Resources:

- ELECCTV Store on Amazon: [Visit Store](#)