

## Luowice B0DF4TVZ7Z

# Luowice Solar Security Camera Wireless Outdoor User Manual

Model: B0DF4TVZ7Z

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Luowice Solar Security Camera. This wireless outdoor camera features a 3W solar panel for continuous power, 360° pan and tilt functionality, 3MP color night vision, and is designed to be weatherproof for reliable outdoor use. Please read this manual thoroughly before use to ensure proper setup and functionality.



Image 1.1: Luowice Solar Security Camera with integrated solar panel.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **100% Wire-Free Setup:** Operates on WiFi and powered by a 3W solar panel, eliminating the need for frequent battery charging and complex wiring.
- **Wide Angle Coverage:** Offers 355° horizontal and 90° vertical rotation for comprehensive area monitoring via the O-KAM PRO app.
- **3MP Color Night Vision:** Provides clear, high-resolution video day and night, including full-color night vision with floodlights.
- **Motion-Triggered Floodlights & Auto Tracking:** Automatically activates floodlights and tracks human-shaped objects upon detection, enhancing security.

- **Two-Way Audio:** Allows real-time communication with visitors or deterrence of intruders.
- **Local & Cloud Storage:** Supports micro SD card (up to 128GB, not included) for 24/7 loop recording and optional cloud storage services.
- **Weatherproof Design:** IP66 rated, ensuring reliable performance in various severe weather conditions.
- **Multi-User Sharing & Data Encryption:** Securely share camera access with family members with advanced encryption.

## 2.2 Components

The package typically includes:

- Luowice Solar Security Camera
- 3W Solar Panel (integrated or separate with mounting bracket)
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

## 3. SETUP INSTRUCTIONS

---

### 3.1 Charging the Battery

Before initial use, fully charge the camera's internal battery using the provided USB cable. Connect the cable to the camera's charging port and a standard 5V USB power adapter (not included). The indicator light will show charging status.

### 3.2 App Installation and Account Creation

1. Download the **O-KAM PRO** app from your smartphone's app store (iOS or Android).
2. Open the app and follow the on-screen instructions to create a new account or log in if you already have one.

### 3.3 Connecting the Camera to Wi-Fi

1. In the O-KAM PRO app, tap the "+" icon to add a new device.
2. Select your camera model or scan the QR code on the camera if prompted.
3. Follow the app's instructions to connect the camera to your 2.4 GHz Wi-Fi network. Ensure your phone is connected to the same 2.4 GHz network during setup.
4. Once connected, the camera's indicator light will change, and you will receive a confirmation in the app.



Image 3.1: The camera supports 2.4 GHz Wi-Fi for stable data transmission.

### 3.4 Mounting the Camera

Choose a location with optimal sunlight exposure for the solar panel and a clear view of the area you wish to monitor. Ensure the camera is within range of your Wi-Fi network.

1. Mark the drilling positions 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. Adjust the angle of the solar panel to maximize sunlight exposure.

## Non-stop Solar Powered



Image 3.2: Camera mounted outdoors, demonstrating continuous solar power.

## 4. OPERATING INSTRUCTIONS

---

### 4.1 Live View and Pan/Tilt Control

Open the O-KAM PRO app and select your camera to access the live view. Use the on-screen controls to pan (355° horizontal) and tilt (90° vertical) the camera to adjust its viewing angle.



Image 4.1: Remote pan and tilt control via the O-KAM PRO app.

## 4.2 Two-Way Audio

From the live view, tap the microphone icon to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's vicinity.



Image 4.2: Demonstrating two-way audio communication.

### 4.3 Motion Detection and Alerts

The camera features advanced motion detection with human shape recognition. When motion is detected, the camera can automatically turn on floodlights, track the object, and send instant alerts to your phone.

- **Setting Detection Sensitivity:** In the app settings, adjust the detection sensitivity to minimize false alarms.
- **Defining Detection Zones:** Create specific detection zones to focus monitoring on critical areas and ignore irrelevant movements.
- **Alerts:** Receive instant app notifications and email alerts when motion is detected.

Image 4.3: Motion detection with intelligent recognition for humans, vehicles, and pets.

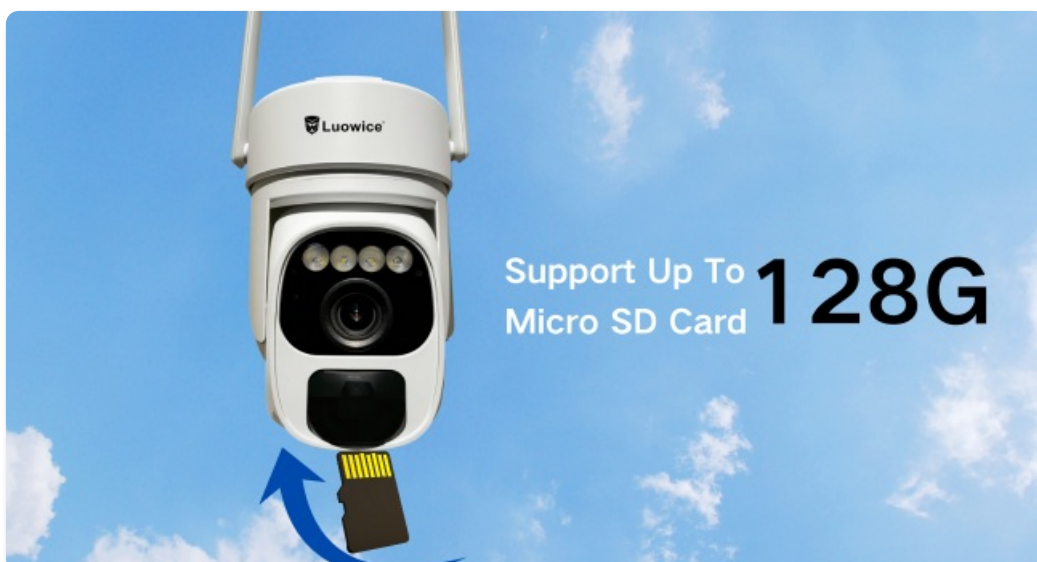


Image 4.4: Configuring custom motion detection zones.

### 4.4 Recording and Storage

The camera supports two primary storage methods:

- **Micro SD Card:** Insert a micro SD card (up to 128GB, not included) into the designated slot for continuous 24/7 loop recording, even without network access.
- **Cloud Storage:** Optional cloud storage services are available through the O-KAM PRO app for secure, remote access to your footage.



## 5. MAINTENANCE

---

### 5.1 Cleaning

- Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust and debris. This ensures optimal image clarity and solar charging efficiency.
- Do not use harsh chemicals or abrasive cleaners.

### 5.2 Weather Protection

The camera is IP66 weatherproof, designed to withstand rain, snow, and dust. However, extreme weather conditions may temporarily affect performance. Ensure all ports are securely sealed.



Image 5.1: The camera's weatherproof design for outdoor use.

## 6. TROUBLESHOOTING

---

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi is 2.4 GHz. Check Wi-Fi signal strength at the

camera's location. Restart your router and the camera.

- **Battery not charging:** Verify the solar panel is clean and receiving direct sunlight. Check the USB charging cable connection. Ensure the ambient temperature is within the operating range for charging.
- **Poor video quality:** Clean the camera lens. Ensure adequate lighting. Check your internet connection speed.
- **False motion alerts:** Adjust motion detection sensitivity in the app. Define specific detection zones to exclude irrelevant areas.
- **Pan/Tilt not responding:** Check app connectivity. Ensure there are no physical obstructions. Restart the camera.

## 7. SPECIFICATIONS

Feature	Specification
Video Capture Resolution	3 MP
Power Source	Solar Powered (3W Solar Panel)
Connectivity Protocol	Wi-Fi (2.4 GHz)
Pan/Tilt Range	355° Horizontal, 90° Vertical
Night Vision	Color Night Vision with Floodlights
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Weatherproof Rating	IP66
Batteries Required	1 Lithium Ion battery (included)
Item Weight	1.85 pounds
Dimensions	7.87 x 6.18 x 5.55 inches (Package)
Compatible Devices	Smartphones, Tablets, Computers

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

Luowice products typically come with a manufacturer's warranty. Please refer to the product packaging or the official Luowice website for specific warranty terms and conditions. Optional extended protection plans may be available for purchase.

### 8.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Luowice customer support through their official website or the contact information provided with your product. When contacting support, please have your product model (B0DF4TVZ7Z) and purchase details ready.

