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> AOSU 3K Solar Wall Light Camera and Doorbell Camera Wireless System User Manual

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Model: 3K Solar Wall Light Cameras + Doorbell Camera Wireless

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AOSU 3K Solar Wall Light Camera and Doorbell Camera Wireless System. This system integrates a high-resolution security camera with a functional outdoor light and a wireless doorbell, offering comprehensive home surveillance and convenience. Please read this manual thoroughly before use to ensure proper setup and optimal performance.

PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- AOSU 3K Solar Wall Light Camera
- Detachable Solar Panel
- AOSU Doorbell Camera
- Indoor Chime Unit
- Mounting Bracket for Wall Light Camera
- Mounting Bracket for Doorbell Camera
- Mounting Screws and Wall Anchors
- USB Charging Cable
- Quick Start Guide
- User Manual (this document)

PRODUCT OVERVIEW

The AOSU 3K Solar Wall Light Camera and Doorbell Camera system provides integrated security. Below is an illustration of the main components.



This image displays the primary components of the AOSU security system. On the left is the solar-powered wall light camera, featuring a camera lens, an indicator light, and a large light panel. On the right, the compact doorbell camera is shown with its camera lens and doorbell button, alongside a smaller, white indoor chime unit.

Wall Light Camera Features:

- **3K Ultra HD (5MP) Resolution:** Captures clear, detailed video.
- **Color Night Vision:** Provides vivid, full-color images even in low light.
- **Integrated 400-Lumen Wall Light:** Automatically illuminates at night.
- **Detachable Solar Panel:** For continuous power with 1.5 hours of daily sunlight.
- **Triple Motion Detection:** Combines radar, PIR, and intelligent human detection to reduce false alerts.
- **Two-Way Audio:** Allows communication through the camera.

Doorbell Camera Features:

- **Integrated Camera:** For video monitoring at your entrance.
- **Doorbell Button:** Activates the indoor chime and sends notifications.
- **Two-Way Audio:** Communicate with visitors.

SETUP INSTRUCTIONS

Step 1: Charge the Devices

1. Before installation, fully charge both the Wall Light Camera and the Doorbell Camera using the provided USB cable. A full charge ensures optimal performance during initial setup.

Step 2: Download and Install the AOSU App

1. Search for "AOSU" in your mobile device's app store (App Store for iOS or Google Play Store for Android).
2. Download and install the official AOSU app.
3. Open the app and follow the on-screen instructions to create an account or log in if you already have one.

Step 3: Install the Wall Light Camera

1. **Choose a Location:** Select an outdoor location that receives ample direct sunlight for the solar panel and provides the desired camera view. Ensure the Wi-Fi signal is strong at this location.
2. **Mount the Bracket:** Use the provided mounting screws and anchors to securely attach the wall light camera's mounting bracket to the wall.
3. **Attach the Camera:** Slide the Wall Light Camera onto the mounted bracket until it clicks into place.
4. **Connect Solar Panel:** Connect the detachable solar panel to the camera. Position the solar panel to maximize sun exposure.
5. **Adjust Angle:** Adjust the camera angle for optimal surveillance coverage.

Step 4: Install the Doorbell Camera

1. **Choose a Location:** Mount the doorbell camera at your desired entrance, typically at a height of 48-52 inches (120-130 cm) from the ground.
2. **Mount the Bracket:** Secure the doorbell camera's mounting bracket to the wall using the provided screws and anchors.
3. **Attach the Doorbell:** Secure the doorbell camera to its mounting bracket.
4. **Plug in Chime:** Plug the indoor chime unit into a standard power outlet inside your home.

Step 5: Pair Devices with the AOSU App

1. Open the AOSU app and tap the "+" icon to add a new device.
2. Select the "Wall Light Camera" and follow the in-app instructions to connect it to your Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera.
3. Repeat the process for the "Doorbell Camera."
4. The indoor chime unit should automatically pair with the doorbell camera once both are powered on and the doorbell is added to the app. If not, refer to the app's instructions for manual pairing.

OPERATING INSTRUCTIONS

Live View and Recording

- Open the AOSU app and select the desired camera (Wall Light Camera or Doorbell Camera) from the device list.
- Tap on the live view to see real-time footage.
- Use the on-screen controls to manually record video, take screenshots, or access recorded events.

Motion Detection and Alerts

- Navigate to the camera settings in the AOSU app.
- Adjust motion detection sensitivity, detection zones, and human detection settings to minimize false alerts.
- Enable push notifications to receive alerts on your mobile device when motion is detected.

Two-Way Audio

- During live view, tap the microphone icon in the app to speak through the camera's speaker.
- Release the icon to listen.

Wall Light Control

- The wall light automatically activates at night when motion is detected.
- Within the app settings for the Wall Light Camera, you can customize light duration, brightness, and schedule.

Doorbell Functionality

- When a visitor presses the doorbell button, the indoor chime will sound, and you will receive a notification on your phone.
- Tap the notification to enter live view and communicate with the visitor using two-way audio.

MAINTENANCE

- **Cleaning:** Periodically clean the camera lenses, light panel, and solar panel with a soft, damp cloth to ensure clear vision and efficient solar charging. Avoid abrasive cleaners.
- **Battery Care:** While the solar panel provides continuous power, ensure the camera receives adequate sunlight. If the camera is in a shaded area, occasional manual charging via USB may be required.
- **Firmware Updates:** Regularly check the AOSU app for available firmware updates. Keeping your devices updated ensures optimal performance, security, and access to new features.
- **Wi-Fi Connection:** Ensure your Wi-Fi network is stable and strong at the camera locations for uninterrupted operation.

TROUBLESHOOTING

No Power / Camera Offline

- **Check Battery:** Ensure the camera is sufficiently charged. If solar charging is insufficient, manually charge via USB.
- **Check Solar Panel:** Verify the solar panel is clean and receiving direct sunlight.
- **Wi-Fi Connection:** Confirm your Wi-Fi router is working and the camera is within range. Try restarting your router.
- **Reset Device:** Use the reset button (if available, refer to product diagram) to restart the camera. You may need to re-pair it with the app.

Poor Video Quality / Night Vision Issues

- **Clean Lens:** Ensure the camera lens is clean and free from dirt or smudges.
- **Wi-Fi Signal:** A weak Wi-Fi signal can affect video streaming quality. Try moving the camera closer to the router or using a Wi-Fi extender.
- **Obstructions:** Ensure there are no physical obstructions blocking the camera's view or the night vision sensors.

Motion Detection Not Working / Too Many False Alerts

- **App Settings:** Adjust motion detection sensitivity and detection zones within the AOSU app.
- **Human Detection:** Ensure intelligent human detection is enabled to filter out non-human movements.
- **Placement:** Avoid pointing the camera directly at busy streets or areas with constant movement from trees or reflections.

Doorbell Chime Not Ringing

- **Power:** Ensure the indoor chime unit is plugged into a working power outlet.
- **Pairing:** Verify the doorbell camera and chime unit are properly paired in the AOSU app. Re-pair if necessary.
- **Distance:** Ensure the chime unit is within range of the doorbell camera.

SPECIFICATIONS

Feature	Detail
Video Resolution	3K Ultra HD (5MP)
Night Vision	Advanced Color Night Vision
Wall Light Brightness	400 Lumens
Power Source	Detachable Solar Panel, Built-in Rechargeable Battery
Battery Life (Energy-Saving Mode)	Up to 4 months
Motion Detection	Radar, PIR, Intelligent Human Detection
Audio	Two-Way Audio
Connectivity	Wireless (Wi-Fi)
ASIN	B0F7XR5LS8
Date First Available	March 25, 2025

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official AOSU website. If you encounter any issues or require technical assistance, please contact AOSU customer support through their official website or the contact information provided in the AOSU app. Please have your product model and ASIN (B0F7XR5LS8) ready when contacting support.

AOSU Official Website: [Visit the AOSU Store on Amazon](#)