

PUSOKEI PUSOKEIrv75awfizx

PUSOKEI Solar Street Light with 4G Camera User Manual

Model: PUSOKEIrv75awfizx

1. PRODUCT OVERVIEW

The PUSOKEI Solar Street Light with 4G Camera is an integrated outdoor security solution combining solar-powered lighting with a high-definition security camera. Designed for versatile outdoor use, it is ideal for yards, pathways, farms, and remote areas where traditional power and internet access may be limited.

This device features a 1080P HD dual-lens camera for clear imaging in various light conditions, 4G network connectivity for remote monitoring, and a self-sufficient solar power system. Its robust waterproof construction ensures reliable performance in diverse weather conditions.

2. KEY FEATURES

- **Dual Function Integration:** Combines solar street lighting and a security camera into one device, suitable for various outdoor scenarios.
- **1080P Dual Lens:** Features 1080P Full HD CMOS sensors with a 3.6mm dual-lens design for accurate image details in both bright and low-light conditions, providing clear long-distance dynamic images.
- **4G Network Connectivity:** Supports 4G card connection for remote areas without internet access, enabling real-time remote viewing.
- **Solar Self-Power System:** Utilizes a high-efficiency solar panel for automatic energy storage, charging during the day and automatically activating lighting and camera functions at night.
- **Waterproof Design:** Professional outdoor waterproof construction (IP66 rated) resists rain, dust, and high temperatures, ensuring stable performance in harsh weather.
- **Motion Detection & Human Tracking:** Advanced features for enhanced security monitoring.
- **Two-Way Audio:** Allows for real-time communication with visitors or intruders.
- **Adjustable Camera Angle:** Designed with an adjustment platform for optimal horizontal and vertical camera positioning.
- **Pan & Tilt Control:** Camera can be rotated 355° pan and 90° tilt via the mobile application.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x PUSOKEI Solar Street Light Security Camera

- 5 x Metal Screws
- 1 x Screw Washer
- 1 x Mounting Bracket
- 1 x Instruction Manual

4. SETUP AND INSTALLATION

The PUSOKEI Solar Street Light with 4G Camera is designed for pole mount installation. Standard mounting hardware is included for ease of setup.

4.1 Choosing an Installation Location

Select a location that receives direct sunlight for most of the day to ensure optimal charging of the solar panel. The location should also provide a clear view for the camera's monitoring area.



Figure 1: The solar street light is suitable for various environments such as outdoor residential areas, streets, high-speed road monitoring, and rural properties.

4.2 Mounting the Device

1. Attach the mounting bracket to a suitable pole or wall using the provided metal screws and washer. Ensure the bracket is securely fastened.
2. Mount the solar street light assembly onto the bracket.
3. Adjust the solar panel to face the sun for maximum exposure.

4.3 Camera Angle Adjustment

The camera features an adjustment platform to ensure it is installed in a horizontal and vertical direction, providing a proper monitoring angle. Unlike some cameras that tilt upwards with the light, this design allows for precise aiming.



Figure 2: The camera's adjustable platform ensures optimal viewing angles, preventing the camera from pointing excessively towards the sky.

4.4 4G SIM Card Installation

Insert a compatible 4G SIM card (not included) into the designated slot on the camera unit. This enables network connectivity for remote viewing and control in areas without Wi-Fi.

5. OPERATING INSTRUCTIONS

5.1 Initial Power-Up and Solar Charging

After installation, ensure the solar panel is exposed to direct sunlight. The device will automatically begin charging its internal 36000mAh Li battery. Approximately 8 hours of direct sunlight are required for a full charge. The integrated dusk-to-dawn sensor will automatically turn off the light during the day and activate it at night.



Figure 3: The solar street light features a dusk-to-dawn sensor, automatically charging during the day and illuminating at night.

5.2 Mobile Application Setup

Download the compatible mobile application (refer to the included instruction manual for specific app details). Follow the in-app instructions to connect your camera using the 4G network.

5.3 Remote Viewing and Control

Once connected, you can access real-time video feeds from anywhere. The dual-lens system provides multiple perspectives, including two fixed views and one rotating view, accessible through the app.



Figure 4: The dual-lens camera provides three distinct viewing perspectives for comprehensive monitoring.

5.4 Pan and Tilt Functionality

Use the mobile application to control the camera's rotation. The camera supports 355° horizontal pan and 90° vertical tilt, allowing you to adjust the viewing area remotely.



Figure 5: Remote control of the camera's pan (355°) and tilt (90°) movements via the mobile application.

5.5 Two-Way Audio

The integrated microphone and speaker enable two-way audio communication. You can listen to the environment and speak through the camera using the mobile app.



Figure 6: Engage in real-time two-way audio communication through the camera.

5.6 Night Vision Modes

The camera offers full-color night vision capabilities. When motion is detected at night, the integrated white floodlight automatically activates, providing clear, colored images. Infrared (IR) LEDs also provide black and white night vision.



Figure 7: The camera provides full-color night vision with white LEDs, standard IR night vision, and a combined double light vigilance mode.

6. MAINTENANCE

The PUSOKEI Solar Street Light with 4G Camera is designed for minimal maintenance due to its durable, waterproof construction.

6.1 Cleaning the Solar Panel

Periodically clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, or debris. This ensures maximum sunlight absorption and charging efficiency.

6.2 Weather Resistance

The device is IP66 waterproof, designed to withstand rain, snow, and extreme temperatures (-30°C to +50°C). No special weather protection is typically required.



Figure 8: The IP66 waterproof rating ensures protection against rain, snow, and high temperatures.

6.3 Battery Longevity

The built-in 36000mAh Li battery is designed for long-term performance. Ensure consistent solar charging to maintain battery health.

7. TROUBLESHOOTING

If you encounter issues with your PUSOKEI Solar Street Light with 4G Camera, consider the following:

- **No Power/Light Not Turning On:** Ensure the solar panel is clean and receiving adequate direct sunlight for charging. Verify the battery is fully charged.
- **No Camera Feed/Connectivity Issues:** Check the 4G SIM card for proper insertion and active service. Ensure the camera is within a strong 4G signal area. Restart the camera and the mobile application.
- **Poor Image Quality:** Clean the camera lenses. Ensure there are no obstructions in the camera's field of view.
- **Motion Detection Not Working:** Check the settings in the mobile application to ensure motion detection is enabled and configured correctly.

For further assistance, please refer to the contact information provided in the warranty section.

8. SPECIFICATIONS

Feature	Specification
Brand	PUSOKEI
Model Number	PUSOKEIrv75awfizx
Material	Acrylonitrile Butadiene Styrene (ABS)
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	4G
Video Resolution	1920x1080 (1080P HD)
Lens Type	Dual Lens (3.6mm)
Battery Capacity	36000mAh Li Battery (Built-in)
Storage	Supports up to 128GB Small Memory Card (Excluded), Cloud Storage Supported
Light Source	LED
Brightness	500 lumens
Light Color	Adjustable White
Control Method	Remote (via App)
Mounting Type	Pole Mount
Water Resistance Level	IP66 Waterproof
Item Dimensions (L x W x H)	17.32"L x 11.81"W x 10.62"H

9. WARRANTY AND SUPPORT

This PUSOKEI product comes with a manufacturer warranty for 90 days from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support or warranty inquiries, please contact your retailer or refer to the contact information provided with your purchase documentation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question