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XIAOVV Solar Wireless Outdoor Security Camera User Manual

Model: Solar Wireless Outdoor Security Camera

1. PRODUCT OVERVIEW

The XIAOVV Solar Wireless Outdoor Security Camera is designed to provide reliable outdoor surveillance with eco-friendly solar power. It features advanced motion detection, night vision capabilities, and remote access for comprehensive home security.



Image 1: XIAOVV Solar Wireless Outdoor Security Camera with integrated solar panel.

2. PACKAGE CONTENTS

- XIAOVV Solar Wireless Outdoor Security Camera (1 unit)
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual
- (Note: Micro SD card for local storage is not included and must be purchased separately.)

3. PRODUCT FEATURES

- **Solar Powered with 10000mAh Battery:** Ensures continuous operation by recharging the built-in battery via solar panel.
- **PIR Smart Detection:** Triggers recording and alerts based on human body temperature, reducing false alarms.
- **Spotlight and Voice Siren:** Deters intruders with integrated light and sound alarms.
- **Weatherproof Design (IP65):** Built to withstand various outdoor conditions, including rain, snow, and high temperatures.
- **Pan & Tilt Functionality:** Offers a 355° horizontal and 100° vertical rotation for wide area coverage.
- **HD Night Vision:** Provides clear visibility in low-light conditions and complete darkness.
- **Motion Tracking:** Automatically follows detected moving objects within its monitoring range.
- **Secure Data Encryption:** Utilizes military-grade encryption to protect user privacy and data.
- **1080p Video Resolution:** Captures clear and detailed video footage.
- **Wireless Connectivity:** Connects via 2.4GHz Wi-Fi for remote access and control.
- **Mobile App Control:** Compatible with Android and iPhone devices for live viewing, settings adjustment, and alerts.



Image 2: Key features including 365-day power, 10000mAh battery, and Pan/Tilt capabilities.

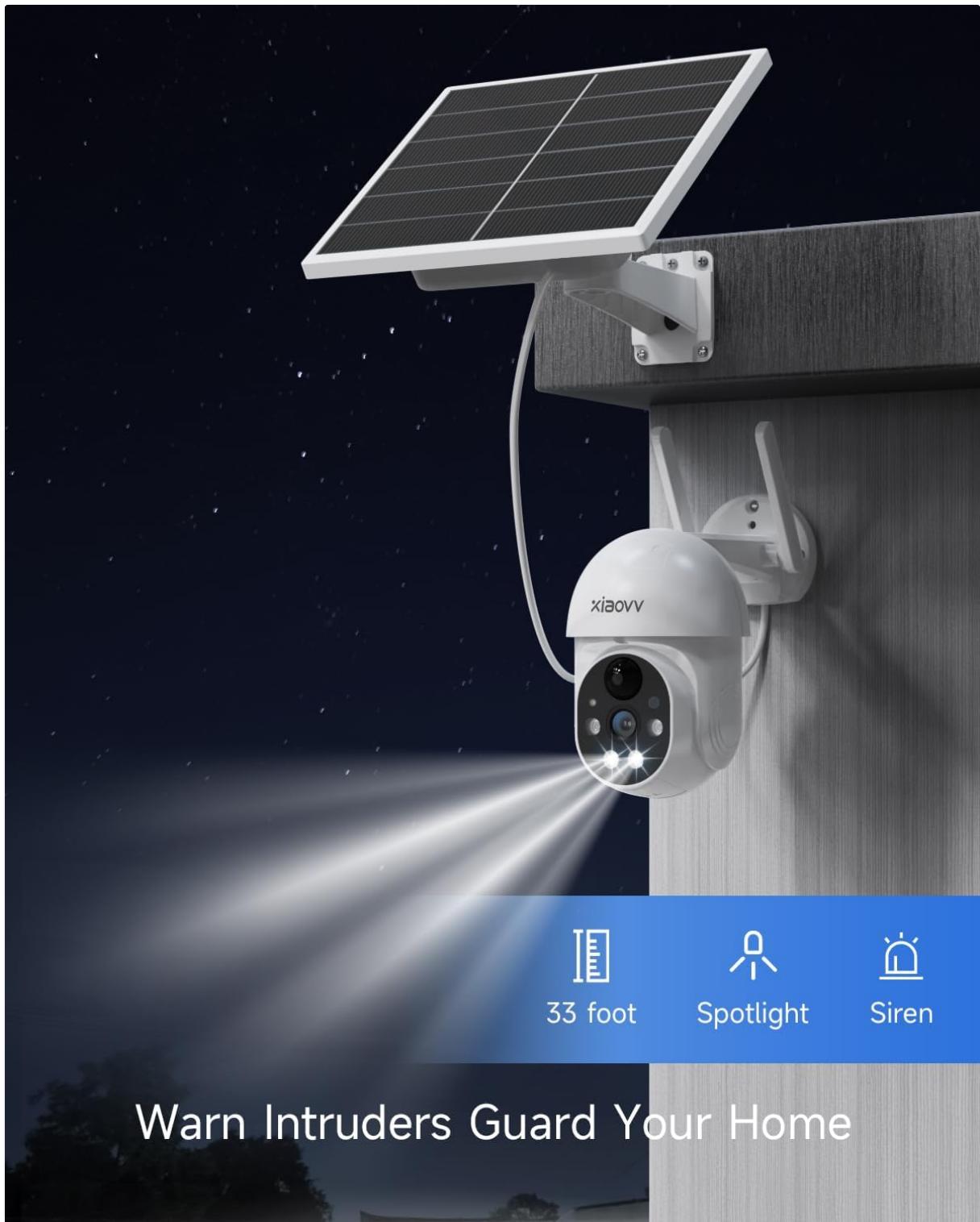


Image 3: Night vision with spotlight and siren for intruder deterrence.

4. SETUP GUIDE

4.1 Initial Charging

Before first use, fully charge the camera's built-in 10000mAh battery using the provided USB cable and a standard 5V/2A power adapter (not included). A full charge ensures optimal performance and solar charging efficiency.

4.2 App Installation

1. Scan the QR code in the quick start guide or search for the "XIAOVV" app in your mobile device's app store (Google Play Store for Android, Apple App Store for iOS).

2. Download and install the application.
3. Register a new account and log in.

4.3 Camera Pairing

1. Power on the camera.
2. Open the XIAOVV app and follow the on-screen instructions to add a new device.
3. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.
4. Scan the QR code displayed on your phone with the camera lens, or follow alternative pairing methods if prompted.
5. Once connected, you can name your camera and configure initial settings.

4.4 Physical Installation

Choose a location with ample direct sunlight for the solar panel and a clear view of the area you wish to monitor. The camera is designed for wall mounting.

1. Mark the drilling positions using the mounting bracket as a template.
2. Drill holes and insert wall plugs if necessary.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the mounting bracket.
5. Adjust the camera angle to cover the desired area. Ensure the solar panel is positioned to receive maximum sunlight throughout the day.



Image 4: Weatherproof design (IP65) for outdoor installation.

5. OPERATING INSTRUCTIONS

5.1 Live View

Open the XIAOVV app and select your camera to view live footage. You can switch between standard and HD resolution within the app.

5.2 Motion Detection & Alerts

The camera uses PIR smart detection to identify human movement. Configure alert settings in the app to receive notifications on your phone when motion is detected. You can also enable the spotlight and voice siren to activate upon detection.

PIR Detection

Temperature detection to reduce false alarms



Image 5: PIR motion detection for accurate alerts.

5.3 Pan/Tilt Control

Use the directional controls within the app to remotely adjust the camera's viewing angle (355° horizontal, 100° vertical). The motion tracking feature can automatically follow subjects.

5.4 Night Vision

The camera automatically switches to HD night vision in low-light conditions, providing clear black and white footage. The integrated spotlight can be activated for color night vision or to deter intruders.

5.5 Storage Options

The camera supports local storage via a Micro SD card (up to 128GB, not included) for continuous or

event-triggered recording. Cloud storage subscription options may also be available through the app for secure off-site backup.

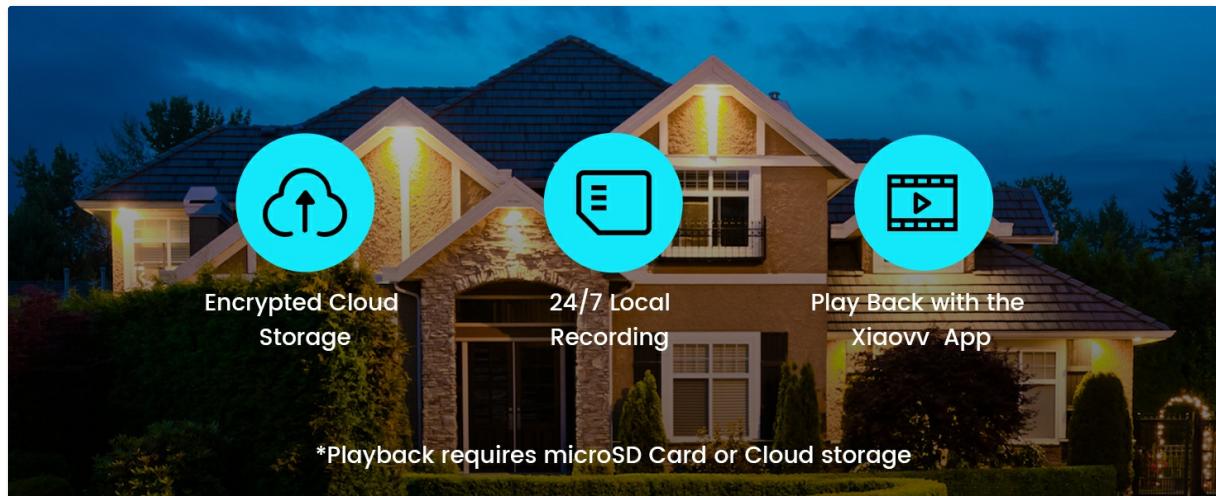


Image 6: Storage options including encrypted cloud and local SD card recording.

6. MAINTENANCE

- **Clean the Lens:** Regularly wipe the camera lens with a soft, dry cloth to ensure clear image quality.
- **Clean Solar Panel:** Keep the solar panel free of dust, dirt, and debris to maximize charging efficiency.
- **Check Battery Level:** Monitor the battery status via the app, especially during prolonged periods of low sunlight.
- **Firmware Updates:** Periodically check the app for available firmware updates to ensure optimal performance and security.
- **Secure Mounting:** Periodically check that the camera is securely mounted and adjust if necessary.

7. TROUBLESHOOTING

Problem	Solution
Camera not connecting to Wi-Fi	Ensure your Wi-Fi is 2.4GHz. Check Wi-Fi signal strength at the camera's location. Restart your router and camera. Re-attempt pairing through the app.
Poor image quality	Clean the camera lens. Ensure there are no obstructions. Check your Wi-Fi connection speed. Adjust video resolution settings in the app.
Battery not charging	Ensure the solar panel is receiving direct sunlight for several hours daily. Clean the solar panel. Check the USB charging cable connection.
Motion alerts not received	Check app notification settings on your phone. Ensure motion detection is enabled in the camera settings. Verify the camera has a stable internet connection.
Camera offline	Check Wi-Fi connection and power supply. Restart the camera. If the issue persists, re-pair the camera with the app.

8. SPECIFICATIONS

- **Brand:** XIAOVV
- **Model:** Solar Wireless Outdoor Security Camera
- **Connectivity:** Wireless (2.4GHz Wi-Fi)
- **Video Resolution:** 1080p
- **Battery:** 10000mAh Lithium Ion (included)
- **Power Source:** Solar Powered, USB Charger
- **Pan/Tilt Range:** 355° Horizontal, 100° Vertical
- **Night Vision:** Yes (HD, Infrared, Spotlight)
- **Motion Detection:** PIR Smart Detection
- **Weatherproof Rating:** IP65
- **Material:** Metal
- **Compatible Devices:** Smartphone (Android, iPhone), Tablet
- **Mounting Type:** Wall Mount
- **Item Weight:** 1.63 kg
- **Included Components:** Charger (USB cable)

9. WARRANTY AND SUPPORT

This XIAOVV Solar Wireless Outdoor Security Camera comes with a **2-year manufacturer's warranty**. For technical support, warranty claims, or further assistance, please contact XIAOVV customer service through the contact information provided in your product packaging or on the official XIAOVV website.

Privacy Protection: XIAOVV prioritizes user privacy and employs military-grade data encryption to ensure the security of your personal data.

Encrypted chip data algorithm 100% protection of your private data



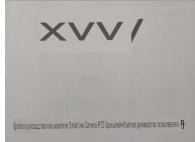
Image 7: Emphasizing encrypted data protection.

Related Documents - Solar Wireless Outdoor Security Camera



[Руководство пользователя для уличной PTZ 4G камеры XiaoVV на солнечной энергии](#)

Полное руководство пользователя для уличной PTZ 4G камеры XiaoVV на солнечной энергии, включая инструкции по установке приложения, добавлению устройства, просмотру в реальном времени, гарантийной политике и техническим характеристикам. Узнайте, как настроить и использовать вашу камеру XiaoVV.

 <small>Краткое руководство пользователя и описание гарантии для PTZ-кронштейна Xiaovv Smart Live Camera XW-T2</small>	<p>Краткое руководство пользователя, технические характеристики, инструкции по эксплуатации, информация о возврате, обмене и гарантии для PTZ-кронштейна Xiaovv Smart Live Camera, модель XW-T2.</p>
	<p>xiaovv Solar-Powered Outdoor PTZ Camera Product Manual and Setup Guide</p> <p>Comprehensive product manual for the xiaovv Solar-Powered Outdoor PTZ Camera (Model XVV-1120S-P6), covering specifications, setup, charging, installation, app usage, Wi-Fi configuration, and troubleshooting tips for optimal performance and battery life.</p>
	<p>Руководство пользователя Xiaovv Outdoor Camera Pro XVV-1120S-B1</p> <p>Подробное руководство пользователя для уличной камеры Xiaovv Outdoor Camera Pro (модель XVV-1120S-B1), охватывающее эксплуатацию и функции этой Wi-Fi PTZ камеры.</p>
<p>WIRELESS KIT User Manual</p>  <small>EN</small>	<p>XIAOVV Wireless NVR Kit User Manual</p> <p>User manual for the XIAOVV Wireless NVR Kit, providing detailed instructions on installation, setup, network configuration, recording, playback, video backup, and mobile app usage. Includes safety precautions and wireless coverage expansion tips.</p>
	<p>Xiaovv Outdoor PTZ Camera P6 Pro Wi-Fi User Manual</p> <p>User manual for the Xiaovv Outdoor PTZ Camera P6 Pro Wi-Fi, providing operational instructions and specifications.</p>