XIAOVV XIAOVV 6MP Dual Lens Outdoor 4G WiFi Security Camera

XIAOVV 6MP Dual Lens Outdoor 4G WiFi Security Camera User Manual

MODEL: XIAOVV 6MP DUAL LENS OUTDOOR 4G WIFI SECURITY CAMERA

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your XIAOVV 6MP Dual Lens Outdoor 4G WiFi Security Camera. This camera features dual 6MP lenses, solar charging capabilities, 4G and WiFi connectivity, color night vision, PTZ auto-tracking, and active deterrents like a siren and spotlight. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

1. Setup

1.1 Package Contents

- XIAOVV 6MP Dual Lens Outdoor Security Camera
- Solar Panel with mounting bracket
- USB-C Charging Cable
- Mounting Screws and Wall Plugs
- Quick Start Guide

1.2 Initial Charging

Before first use, fully charge the camera's internal 8000mAh battery using the provided USB-C cable and a compatible power adapter (not included). This ensures optimal performance from the start. The solar panel will maintain the charge once installed.

1.3 SIM Card and SD Card Installation

Locate the SIM card slot and SD card slot on the camera. Insert a compatible 4G SIM card (if using 4G connectivity) and a microSD card (up to 256GB for local storage) into their respective slots. Ensure they are inserted correctly until they click into place. Close the protective cover securely to maintain the IP66 waterproof rating.

1.4 App Installation and Device Pairing

Download the recommended mobile application (refer to the Quick Start Guide for the specific app name, e.g., 'UBox' or 'O-KAM Pro') from your smartphone's app store (iOS or Android). Register an account and log in.

Follow the in-app instructions to add your device. This typically involves:

1. Turning on the camera's power switch.
2. Connecting the power supply (USB-C cable for initial setup).
3. Selecting 'Add Device' in the app.
4. Allowing location and Bluetooth permissions for the app.
5. Scanning the QR code located on the camera body using your phone's camera through the app.
6. Entering your 2.4GHz WiFi network name and password (5GHz networks are not supported).
7. Waiting for the camera to connect to the network.
8. Naming your camera and completing the binding process.

Your browser does not support the video tag.

Video: Instructions on how to connect your phone to the device and complete the initial setup steps.

Your browser does not support the video tag.

Video: Demonstrates the Bluetooth network connection method for the camera.

Your browser does not support the video tag.

Video: Guide on how to connect the 4G security camera to a 4G network.

1.5 Mounting the Camera and Solar Panel

Choose a suitable location for the camera, ensuring it has a clear view of the area you wish to monitor and is within range of your WiFi or 4G signal. Mount the camera securely using the provided screws and wall plugs. The camera is IP66 waterproof, suitable for outdoor use.

Mount the solar panel in a location that receives maximum direct sunlight throughout the day to ensure continuous charging of the camera's battery. Connect the solar panel cable to the camera's charging port, ensuring the rubber stopper is properly sealed to maintain weather resistance.
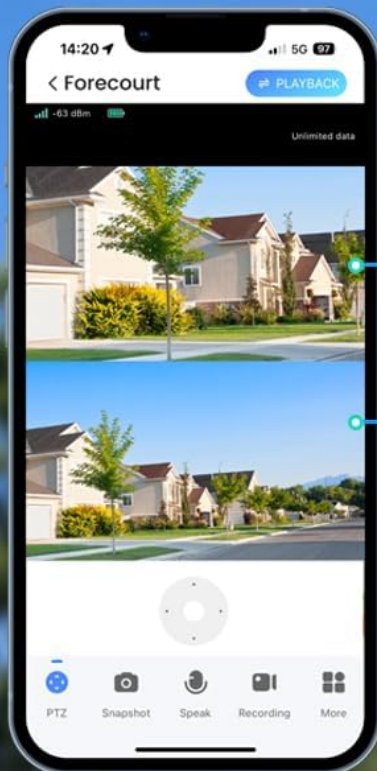
Image: The XIAOVV Dual Lens Security Camera with its solar panel mounted, demonstrating the dual-lens view on the mobile application.

Image: The XIAOVV Security Camera and solar panel are shown installed outdoors, highlighting its IP65 waterproof, snowproof, and anti-exposure features.

2. Operating the Camera

2.1 Live View and Playback

Open the app and select your camera to view the live feed. The dual-lens system provides both a fixed wide-angle view and a PTZ (Pan-Tilt-Zoom) view simultaneously. You can switch between views or use the PTZ controls to adjust the movable lens.

Access recorded footage from the 'Playback' section in the app. Recordings are stored on the microSD card or in optional cloud storage.

2.2 PTZ Control and Auto Tracking

Use the directional controls in the app to pan (355°) and tilt (90°) the PTZ lens. The camera supports automatic human tracking, which will follow detected subjects within its field of view.

2.3 Motion Detection and Alerts

Enable motion detection in the app settings. You will receive instant notifications on your smartphone when motion is detected. The camera's AI can differentiate between humans, animals, and vehicles, reducing false alarms.
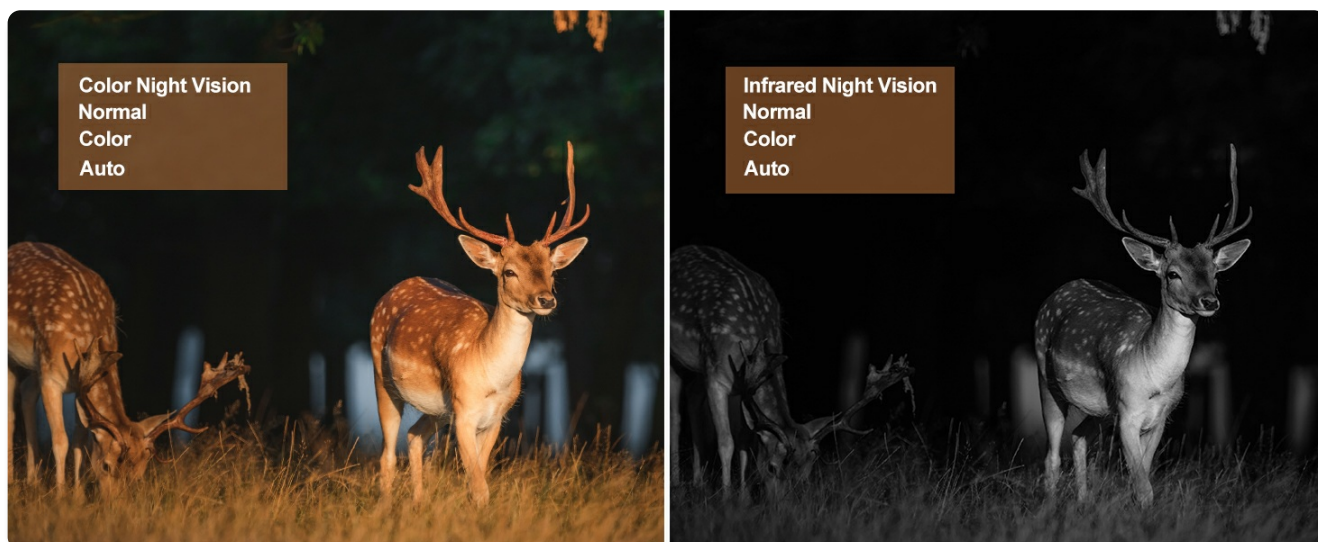

Image: The mobile app shows a motion detection alert from the camera, with a siren and spotlight activated to deter intruders.

2.4 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. Tap the microphone icon in the app to speak through the camera, and listen to audio from the camera's surroundings.
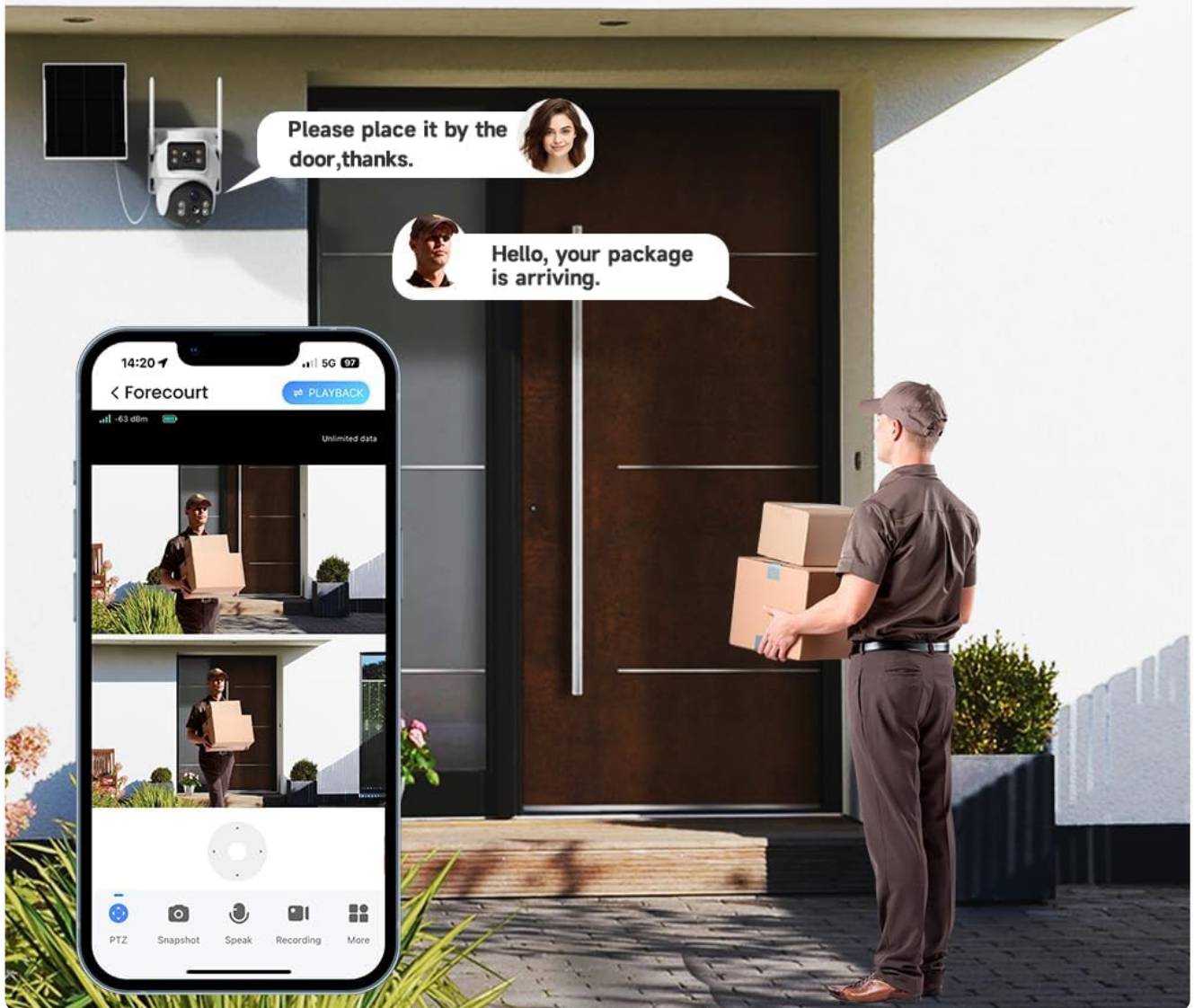
Image: The XIAOVV Security Camera supports two-way audio, allowing communication with visitors or delivery personnel via the mobile app.

2.5 Color Night Vision and Active Deterrent

The camera features full-color night vision, enabled by four bright spotlights, providing vivid video in total darkness. In addition to motion alerts, you can activate a 120dB siren and flashing lights directly from the app to deter intruders.

Image: Comparison of infrared night vision and intelligent full-color night vision modes provided by the XIAOVV Security Camera.

2.6 Sharing Access

You can share camera access with family members or trusted individuals through the app, allowing multiple users to view live streams and receive alerts.

Image: The mobile app allows sharing live stream and remote control access of the camera with multiple users, enabling global monitoring.

3. Maintenance

3.1 Battery Management

The camera is designed for continuous operation with its solar panel. Ensure the solar panel is clean and free from obstructions to maximize charging efficiency. If the camera is installed in an area with limited sunlight, occasional manual charging via the USB-C port may be necessary.

3.2 Cleaning

Regularly clean the camera lenses and solar panel with a soft, damp cloth to ensure clear image quality and efficient solar charging. Avoid using harsh chemicals or abrasive materials.

3.3 Firmware Updates

Check the app periodically for firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features, security enhancements, and bug fixes.

3.4 Storage Management

Manage your local microSD card storage or optional cloud storage through the app. You can review, download, or delete recorded footage as needed.

4. Troubleshooting

- **Camera not connecting to network:** Ensure your WiFi network is 2.4GHz. Check WiFi password. Ensure the camera is within network range. Try resetting the camera by pressing and holding the reset button (usually located under a rubber cover) until you hear a prompt.

- **No image/poor image quality:** Check network connection strength. Clean the camera lens. Ensure there are no obstructions in the camera's view.

- **Battery not charging:** Ensure the solar panel is clean and receives direct sunlight. Check the connection between the solar panel and the camera. If necessary, manually charge the camera via USB-C.

- **Motion detection not working:** Ensure motion detection is enabled in the app settings. Adjust sensitivity levels if needed.

- **App issues:** Ensure your app is updated to the latest version. Restart the app or your smartphone.

5. Specifications

Model	XIAOVV 6MP Dual Lens Outdoor 4G WiFi Security Camera
Resolution	6MP (Dual Lens)
Connectivity	4G LTE, 2.4GHz WiFi (5GHz not supported)
Power Source	Solar Powered (high-efficiency solar panel) + 8000mAh Rechargeable Battery
Night Vision	Full Color Night Vision (4 spotlights)
PTZ	355° Pan, 90° Tilt, Auto Human Tracking
Audio	Two-Way Audio
Deterrent	120dB Siren, Flashing Lights
Storage	Local SD Card (up to 256GB), Optional Cloud Storage
Weather Resistance	IP66 Waterproof
Operating Temperature	-30°C to 60°C

6. Warranty and Support

This product comes with a 1-year repair warranty. For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your Quick Start Guide or within the mobile application. You can also visit the manufacturer's official website for additional resources and FAQs.