Woox R4252

Woox R4252 Wireless Outdoor Security Camera Kit + Solar Charging Panel

User Manual

1. Introduction

Thank you for choosing the Woox R4252 Wireless Outdoor Security Camera Kit. This comprehensive kit provides robust outdoor surveillance with the convenience of solar charging, ensuring continuous operation and enhanced security for your property. This manual will guide you through the installation, setup, operation, and maintenance of your new security system.

2. Product Overview

2.1. What's in the Box

Please check the contents of your package to ensure all items are present:

- Smart Outdoor Camera x 1
- Solar Panel x 1
- USB Charging Cable x 1
- User Manual x 1
- Screw Bag x 1
- Security Sticker x 2



Image: The Woox R4252 camera kit, showing the camera, solar panel, and packaging.

2.2. Key Features

- **Weatherproof & UV Resistant:** IP65 certified, ideal for outdoor use in varying weather conditions (-200C to +600C).
- **Wireless & Long-lasting Battery:** Equipped with a 5200 mAh non-replaceable rechargeable battery, offering up to 3 months of operation on a full charge.
- **Eco-friendly Solar Charging:** Includes a 3-watt solar panel for continuous charging, reducing energy consumption.
- **Two-Way Audio:** Communicate with visitors or deter intruders using the WOOX Home app.
- **Motion & Sound Detection:** Receive instant alerts on your app for detected movement or sound.
- **Advanced Night Vision:** Features infrared (black and white), regular color, and smart color night vision modes.
- **High-Definition Video:** Captures crisp 1080P HD video with an effective 3 MP resolution and a 120-degree viewing angle.
- **Integrated Siren & LED Lights:** Activate a siren and three LED lights for enhanced deterrence via the app.
- **Smart Home Compatibility:** Works with smartphones, Alexa, and Google Nest.

2.3. Product Diagram



Image: The Woox R4252 outdoor security camera and its accompanying solar panel.

The camera unit features a lens, LED indicators, microphone, speaker, and a mounting point. The solar panel connects to the camera for power.

3. Safety Information

- Read all instructions carefully before use.
- Do not disassemble or attempt to repair the device yourself. This will void the warranty.
- Keep the device away from extreme temperatures, direct sunlight (other than the solar panel), and moisture.
- Ensure the camera and solar panel are securely mounted to prevent falling.
- Use only the provided USB charging cable for charging.
- Dispose of the product and battery responsibly according to local regulations.

4. Setup

4.1. Charging the Camera

Before initial use, fully charge the camera using the included USB charging cable. Connect the micro USB end to the camera's charging port and the USB-A end to a standard 5V USB power adapter (not included). A full charge takes approximately 4 hours. The LED indicator will show charging status and turn off when fully charged.

4.2. Downloading the WOOX Home App

The WOOX Home app is required to set up and control your camera. Download it from the Apple App Store (for iOS devices) or Google Play Store (for Android devices).

1. Search for "WOOX Home" in your device's app store.
2. Download and install the app.
3. Open the app and register for a new account or log in if you already have one.

4.3. Pairing the Camera

Follow these steps to add your camera to the WOOX Home app:

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network.
2. Open the WOOX Home app and tap the "+" icon to add a new device.
3. Select "Security Camera" or the specific camera model (R4252) from the list.
4. Follow the on-screen instructions to put the camera into pairing mode (usually by pressing a reset button until an indicator light flashes).
5. Enter your Wi-Fi network password when prompted.
6. The app will generate a QR code. Hold your phone's screen in front of the camera lens (approx. 15-20 cm away) until you hear a prompt from the camera.
7. Once connected, the camera's LED indicator will change, and you will see the camera added to your app.

4.4. Mounting the Camera and Solar Panel

The camera and solar panel are designed for outdoor use and can be mounted using the included screw bag.

1. **Choose a Location:** Select a location that provides the desired viewing angle for the camera and receives ample direct sunlight for the solar panel throughout the day. Avoid shaded areas for the solar panel.
2. **Mount the Camera:** Use the provided screws and wall plugs to securely mount the camera bracket to a wall or suitable surface. Attach the camera to the bracket.
3. **Mount the Solar Panel:** Mount the solar panel in a location with maximum sun exposure, ideally facing south (in the Northern Hemisphere) or north (in the Southern Hemisphere). Use the adjustable bracket to angle the panel for optimal sunlight.
4. **Connect Solar Panel:** Connect the solar panel's cable to the charging port on the camera. Ensure the connection is secure and the port cover is properly sealed to maintain IP65 weather resistance.



Image: Individual views of the Woox R4252 camera unit and the solar panel, illustrating their design for mounting.

5. Operating the Camera

5.1. Live View

Open the WOOX Home app and select your R4252 camera from the device list to access the live video feed. You can view real-time footage from your property.

5.2. Two-Way Audio

While in 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 surroundings.

5.3. Motion and Sound Detection

The camera is equipped with motion and sound detection. To enable or adjust settings:

- Go to the camera settings within the WOOX Home app.
- Find the "Detection Alarm Settings" or similar option.
- Enable motion and/or sound detection and adjust sensitivity levels as needed.
- You will receive push notifications on your smartphone when an event is detected.

5.4. Night Vision Modes

The R4252 offers three night vision modes:

- **Infrared (Black & White):** Standard night vision, providing clear black and white images in low light.
- **Regular Color:** Utilizes ambient light or the camera's LED lights to provide color night vision.
- **Smart Vision:** Automatically switches between infrared and color vision based on detected motion or light conditions for optimal clarity.

You can select your preferred night vision mode in the camera settings within the WOOX Home app.



Image: Comparison of different night vision modes, including infrared (black and white), low-light color, and bright color vision.

5.5. Siren and LED Lights

For immediate deterrence, you can manually activate the camera's siren and three LED lights through the WOOX Home app. These can also be set up to activate automatically via smart automations based on motion or sound detection.

5.6. Recording and Storage

The camera supports local storage via a microSD card (not included) and cloud storage (subscription may be required). Recorded footage can be accessed and reviewed through the WOOX Home app.

6. Maintenance

6.1. Battery Charging

The solar panel will continuously charge the camera's battery during daylight hours. The WOOX Home app will notify you when the battery level is low, allowing you to manually charge it via the USB cable if prolonged cloudy weather occurs.

6.2. Cleaning

Periodically clean the camera lens and solar panel surface with a soft, damp cloth to ensure optimal performance. Do not use harsh chemicals or abrasive materials.

6.3. Firmware Updates

Ensure your camera's firmware is up to date for the best performance and security. The WOOX Home app will notify you of available updates. Follow the in-app instructions to perform firmware updates.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera won't connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; 5GHz Wi-Fi network used.	Verify password; Move camera closer to router; Ensure connection to 2.4GHz Wi-Fi.
Battery drains quickly	Frequent motion detection; Insufficient sunlight for solar panel; Cold weather.	Adjust motion sensitivity; Reposition solar panel for more sun; Charge manually via USB.
No motion detection alerts	Detection disabled; Sensitivity too low; App notifications blocked.	Enable detection in app; Increase sensitivity; Check phone notification settings.

Problem	Possible Cause	Solution
Poor video quality	Dirty lens; Weak Wi-Fi signal; Low light conditions.	Clean the lens; Improve Wi-Fi signal; Ensure adequate lighting or use night vision.

8. Specifications

Feature	Detail
Model Number	R4252 (WOX804252)
Video Resolution	1080p HD (3 Megapixels effective)
Viewing Angle	120 degrees
Connectivity	Wi-Fi (2.4GHz)
Power Source	5200 mAh Lithium-ion Battery, Solar Panel (3 Watts)
Battery Life	Up to 3 months (on full charge)
Charging Time	Approx. 4 hours (via USB)
Weather Resistance	IP65 Certified, UV Resistant
Operating Temperature	-200C to +600C
Dimensions (L x W x H)	14.8 x 9.3 x 21.4 cm
Weight	607 grams
Color	Black
Material	Plastic
Special Features	Motion Detector, Two-Way Audio, Night Vision (Infrared, Color, Smart)
Compatible Devices	Smartphone, Alexa, Google Nest

9. Warranty and Support

For warranty information and technical support, please refer to the official Woox website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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

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