AMOROM RBX-S87-WIFI

AMOROM Solar Wireless Security Camera Outdoor 2K

Model: RBX-S87-WIFI

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your AMOROM Solar Wireless Security Camera Outdoor 2K. Please read this manual thoroughly before use to ensure proper functionality and safety. This camera features a 360° panoramic view, 2K resolution, color night vision, AI motion detection with siren alarm, IP65 weatherproof rating, and 2.4GHz WiFi connectivity for smart app control.

What's in the Box

- AMOROM Solar Wireless Security Camera
- Instruction Manual
- Mounting Screws
- Charging Cable

Product Overview and Features

The AMOROM Solar Wireless Security Camera is designed for outdoor surveillance, offering advanced features for comprehensive home, apartment, or office security.



Solar-Powered Eco-Smart Design: The camera utilizes a removable, high-efficiency solar panel for continuous power, reducing reliance on grid electricity. A battery backup ensures operation in low-light conditions. *Note: This camera supports 2.4GHz WiFi ONLY.*



2K HD Clarity & 24/7 Full-Color Monitoring: Capture crisp 2K resolution footage day and night. Equipped with a high-sensitivity 1/2.7” image sensor and intelligent light processing, it delivers vibrant color accuracy up to 66 feet, even in dim environments.



Intelligent 360° Surveillance with Auto-Tracking: Motorized pan-tilt-zoom (PTZ) provides 355° horizontal and 100° vertical coverage. AI-powered motion tracking automatically follows movement, minimizing blind spots across your property.



AI Human Detection & Proactive Alerts: Advanced PIR sensors and AI algorithms differentiate human activity from other triggers. Upon detection, the camera records HD footage, sends real-time app alerts, and can activate a siren alarm. Two-way talk allows immediate interaction.



IP65 Weatherproof Design: The camera is rated IP65, ensuring it withstands harsh outdoor conditions, including rain and extreme temperatures from -30° to +60° Celsius.



Flexible Storage & Smart Ecosystem Integration: Choose between local SD card storage (supports up to 128GB, not included) or encrypted cloud backup (subscription-based with a 30-day free trial). The camera works seamlessly with Alexa and Google Assistant for voice-controlled monitoring.

Product Video Overview

Your browser does not support the video tag.

This video provides a visual overview of the AMOROM Solar Wireless 2K Security Camera Outdoor, demonstrating its key features and applications.

Setup

1. **Initial Charging:** Before first use, ensure the camera's internal battery is fully charged using the provided charging

cable. Connect the cable to the camera and a standard USB power adapter (not included).

2. **Download the App:** Search for the "Amorom" app in your smartphone's app store (Google Play Store for Android or Apple App Store for iOS) and install it.
3. **Account Registration:** Open the Amorom app and follow the on-screen instructions to register a new account or log in if you already have one.
4. **Add Device:** In the app, select the option to add a new device. Follow the prompts to connect your camera to your 2.4GHz WiFi network. *Note: This camera only supports 2.4GHz WiFi. 5GHz networks are not compatible.*
5. **SD Card Installation (Optional):** If you plan to use local storage, insert a Micro SD card (up to 128GB, not included) into the designated slot. The SD card slot is located under the camera's head/face; gently rotate the camera head upwards to access it.
6. **Mounting:** Choose a suitable outdoor location for mounting. Use the provided mounting screws to securely attach the camera to a wall or other stable surface. Ensure the solar panel receives adequate direct sunlight for optimal charging.

Operating

1. **Live View:** Open the Amorom app and select your camera from the device list to access the live video feed.
2. **PTZ Control:** Use the on-screen controls in the app to pan (355° horizontal) and tilt (100° vertical) the camera lens, allowing you to adjust the viewing angle remotely.
3. **Motion Detection & Alerts:** Enable AI Human Detection in the app settings. When motion is detected, the camera will automatically record, send alerts to your phone, and can activate a siren alarm.
4. **Two-Way Audio:** Utilize the built-in microphone and speaker for two-way communication through the app. This allows you to speak to visitors or deter intruders.
5. **Night Vision:** The camera automatically switches between color night vision and infrared night vision based on ambient light conditions, ensuring clear footage even in complete darkness.
6. **Video Playback & Storage:** Access recorded footage via the app. You can view recordings stored on the Micro SD card or through the cloud storage service (if subscribed).
7. **Smart Home Integration:** Connect your camera to Amazon Alexa or Google Assistant through the app settings for voice-controlled monitoring.

Maintenance

- **Cleaning:** Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal image clarity and charging efficiency. Avoid abrasive cleaners.
- **Solar Panel Placement:** Periodically check that the solar panel remains free from obstructions (e.g., leaves, dirt) and is positioned to receive maximum direct sunlight.
- **Battery Health:** While solar-powered, the internal battery provides backup. Ensure the camera is placed where the solar panel can adequately charge the battery to maintain consistent operation.
- **Firmware Updates:** Check the Amorom app periodically for available firmware updates. Keeping the firmware updated ensures optimal performance and access to new features.

Troubleshooting

- **Camera Not Connecting/Recognized:**
    - Ensure your WiFi network is 2.4GHz.

- Check WiFi signal strength at the camera's location.
- Restart the camera and your router.
- Try resetting the camera (refer to the app for specific reset instructions).

- **Blurry Night Vision:**
  - Clean the camera lens to remove any dirt or condensation.
  - Ensure there are no reflective surfaces close to the camera that might interfere with infrared light.
- **Motion Detection Not Working:**
  - Verify motion detection settings are enabled in the app.
  - Adjust sensitivity levels.
  - Ensure there are no physical obstructions blocking the camera's view.
- **Two-Way Audio Issues:**
  - Check microphone and speaker permissions for the app on your smartphone.
  - Ensure the camera's microphone and speaker are not obstructed.
- **Solar Panel Not Charging:**
  - Ensure the solar panel is clean and free of debris.
  - Reposition the solar panel to receive maximum direct sunlight throughout the day.

Specifications

Feature	Detail
Model Number	RBX-S87-WIFI
Video Capture Resolution	2K (1440p)
Connectivity Technology	Wireless (2.4GHz Wi-Fi)
Power Source	Solar Powered, Battery Powered (3 A batteries included)
Pan/Tilt Range	355° Horizontal, 100° Vertical
Night Vision Range	Up to 66 Feet (Color Night Vision, Infrared)
Weather Resistance	IP65 Waterproof
Storage Options	Micro SD Card (up to 128GB, not included), Cloud Storage (subscription-based)
Compatible Devices	Smartphone (Amorom App)
Smart Home Compatibility	Amazon Alexa, Google Assistant
Dimensions (L x W x H)	6 x 5.5 x 5 inches
Item Weight	2 Pounds

Warranty and Support

The AMOROM Solar Wireless Security Camera comes with a**1-year warranty**. Additionally, lifetime technical support is

provided to assist you with any questions or issues you may encounter. For technical assistance or warranty claims, please contact AMOROM customer support through the contact information provided in the Amorom app or on the official AMOROM website.

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