SEHMUA RBX-S45

SEHMUA Solar Security Camera User Manual

Model: RBX-S45
Brand: SEHMUA

1. Introduction and Overview

The SEHMUA Solar Security Camera is a wireless outdoor surveillance solution designed for comprehensive home protection. Featuring 2K Full HD resolution, 3600 panoramic view, and powerful 500-Lumen LED spotlights, it ensures clear visibility day and night. Powered by a high-efficiency solar panel and a large-capacity rechargeable battery, this camera offers continuous operation without the need for constant power outlets. Advanced PIR motion detection with AI human detection, two-way audio, and flexible storage options (Memory Card/Cloud) provide robust security and convenient monitoring.



Figure 1: SEHMUA Solar Security Camera with included solar panel.

2. Product Features

- **2K Full HD Resolution:** Captures clear and detailed images and videos.
- **3600 Panoramic View:** Offers complete coverage with remote pan and tilt control via the app.
- **500-Lumen Super-Bright LED Spotlights:** Provides powerful illumination for color night vision and intruder deterrence.
- **Solar Powered & Wireless:** Equipped with a high-efficiency solar panel and rechargeable battery for continuous, cord-free operation.
- **IP65 Weatherproof:** Designed to withstand rain, snow, and harsh weather conditions for outdoor use.
- **Smart PIR Motion Detection:** Advanced motion and AI human detection reduces false alarms and sends instant

alerts.

- **Instant Motion Alerts:** Receive real-time notifications on your smartphone.
- **Three Alarm Types:** Siren, spotlights, and app notification push for effective deterrence.
- **Two-Way Audio:** Allows for real-time communication with visitors or potential intruders.
- **Flexible Storage Options:** Supports local storage via Memory Card (up to 128GB, not included) and cloud storage (30-day trial available).
- **Multi-user Sharing:** Easily share camera access with family members.



Figure 2: Key features of the SEHMUA Outdoor Security Camera.

3. Package Contents

Verify that all items are present and in good condition upon opening the package.

- SEHMUA Solar Security Camera (Model: RBX-S45)
- Solar Panel with 10ft cable
- Mounting Bracket
- Installation Screws and Wall Anchors
- User Manual (this document)
- USB Charging Cable (for initial charge if needed)

4. Setup Guide

4.1 Physical Installation

1. **Choose a Location:** Select an outdoor location with consistent sunlight exposure for the solar panel and a clear view for the camera. Ensure the camera is within range of your 2.4Ghz Wi-Fi network.
2. **Mount the Camera:** Use the provided mounting bracket and screws to securely attach the camera to a wall or

overhang. A drill guide sticker is included for precise hole placement.

3. **Mount the Solar Panel:** Install the solar panel in a location that receives maximum direct sunlight throughout the day. The 10ft cable allows for flexible placement away from the camera if needed.
4. **Connect Solar Panel:** Plug the solar panel cable into the charging port on the camera. Ensure the connection is secure and waterproof.



Figure 4: Diagram showing wireless solar-powered installation with 10ft solar cable.



Figure 5: Example of camera and solar panel mounted on an exterior wall.

4.2 App Installation & Connection

1. **Download the App:** Search for "Ubox" in your smartphone's app store (iOS or Android) and download the official application.
2. **Create Account:** Open the Ubox app and follow the on-screen instructions to create a new user account.
3. **Add Device:** Tap the "+" icon to add a new device. Follow the in-app prompts to connect your camera to your 2.4Ghz Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera.
4. **Initial Charge:** For optimal performance, ensure the camera has sufficient charge before initial setup. The light near the charging port on the camera should be red when charging and off when fully charged.

5. Operating Instructions

5.1 Live View & Control

Access the live feed of your camera through the Ubox app. Use the on-screen controls to pan (horizontal movement) and tilt (vertical movement) the camera for a full 3600 view. The camera also supports digital zoom.



Figure 6: Remote pan and tilt control for 3600 surveillance.

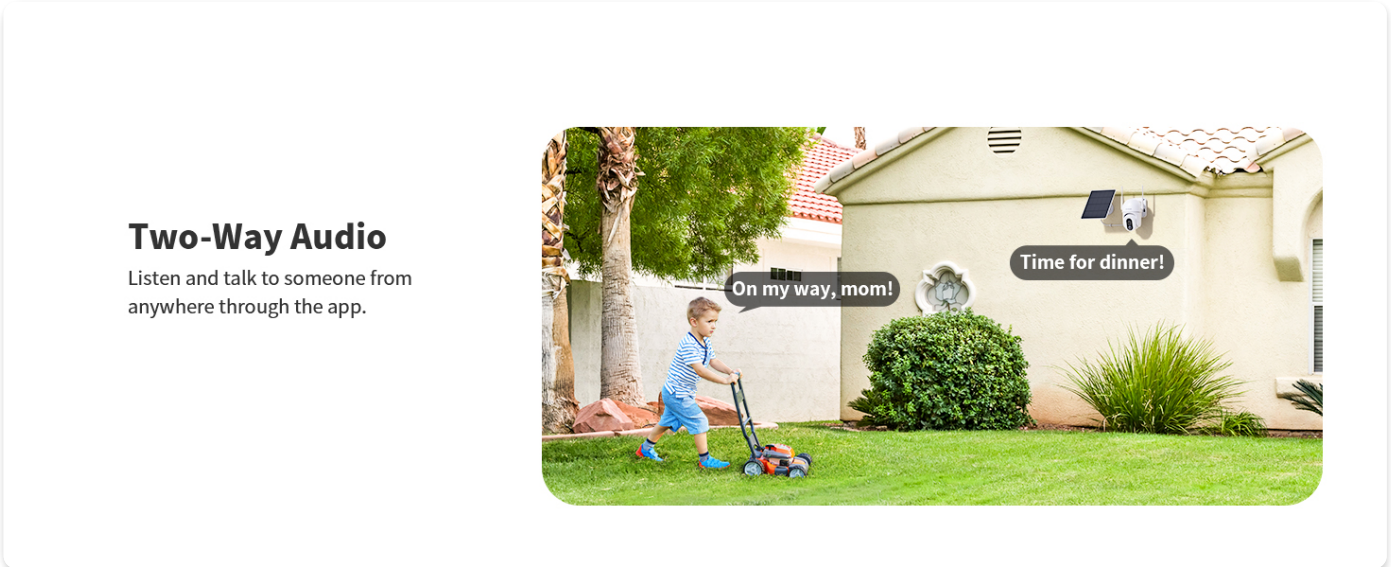


Figure 7: Utilize 4X digital zoom for closer inspection of details.

5.2 Motion Detection & Alerts

The camera features advanced PIR motion detection and AI human detection to minimize false alarms. You can customize detection sensitivity and set specific alarm areas within the app. When motion is detected, you will receive instant notifications on your phone.

- **Detection Sensitivity:** Adjust the sensitivity level (1-10) to suit your environment.
- **Alarm Area:** Define specific zones within the camera's view where motion detection should be active. This helps focus on critical areas and ignore irrelevant movements (e.g., pets).
- **Alarm Plan:** Set specific time periods for the alarm to be active (e.g., only at night).

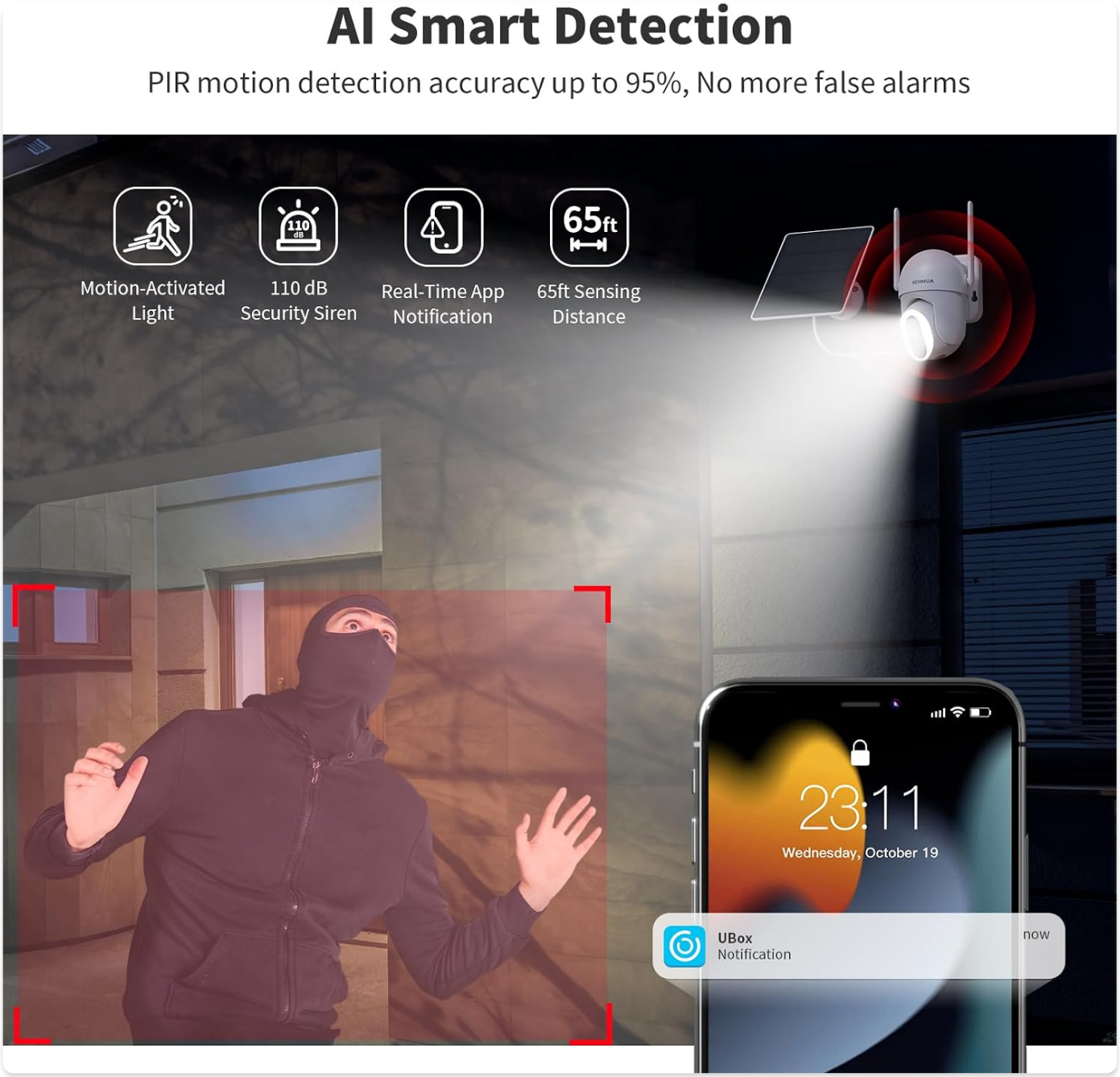


Figure 8: AI Smart Detection capabilities including motion-activated light, 110 dB security siren, and real-time app notifications.

5.3 Two-Way Audio

Engage in real-time conversations through the camera using the two-way audio feature. Press and hold the "Hold to Talk" button in the app to speak. Release the button to hear the person on the other end. The camera has a built-in speaker and microphone.

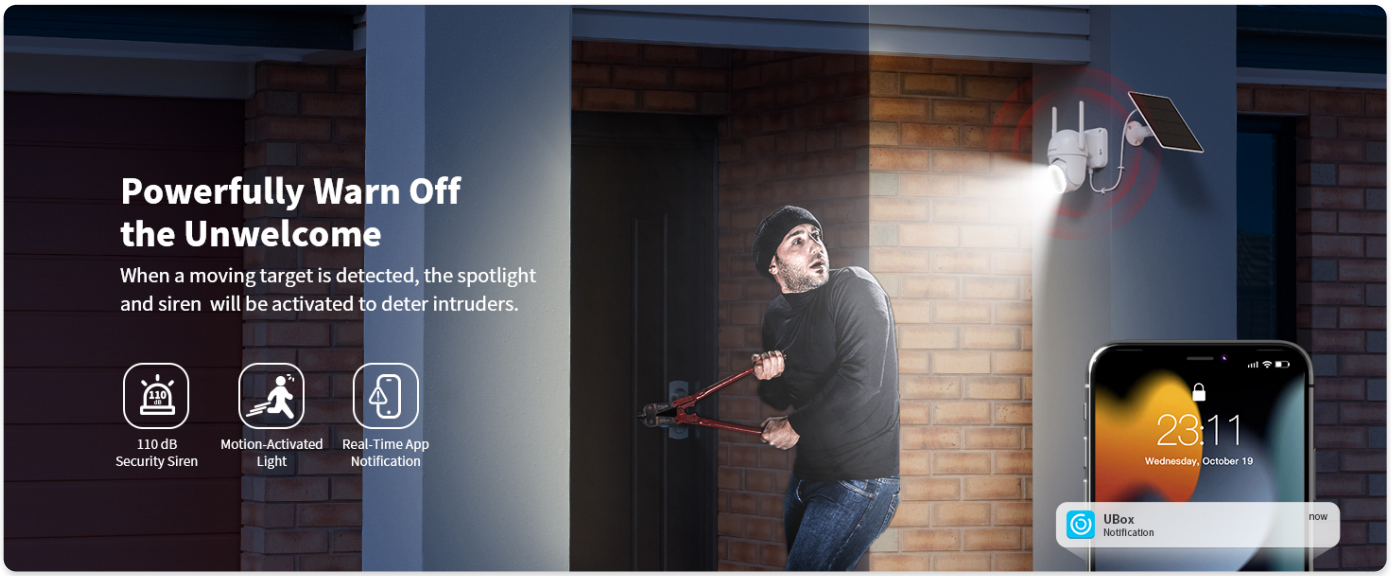


Figure 9: Two-Way Audio allows you to listen and talk to someone from anywhere through the app.

5.4 Night Vision & Spotlights

The camera provides both infrared (black and white) and color night vision. The 500-Lumen LED spotlights activate upon motion detection, illuminating the area and enabling full-color recording even in low-light conditions. This also serves as a strong deterrent for intruders.



Figure 10: Comparison of night visibility with and without the 500-lumen super-bright LED spotlights.

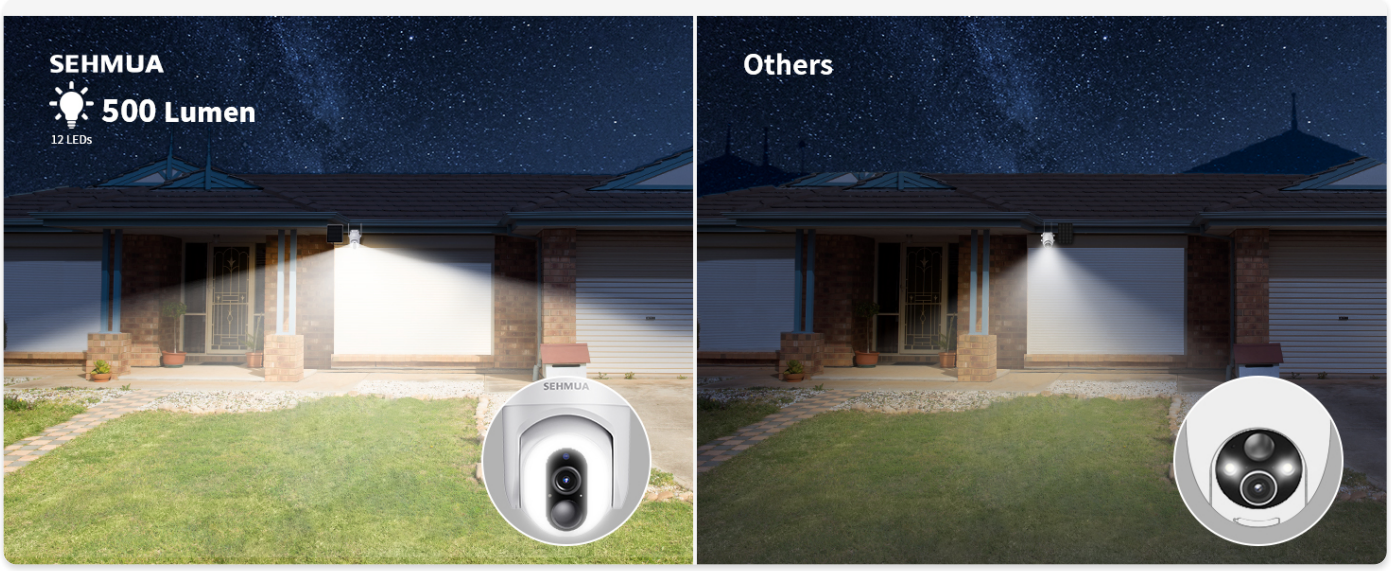


Figure 11: Infrared Mode (spotlight off) provides black and white night vision, while Color Mode (spotlight on) provides full-color night vision.

5.5 Storage (SD Card/Cloud)

The camera supports two storage methods for recorded events:

- **Memory Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera for local storage.
- **Cloud Storage:** Utilize the optional cloud storage service (30-day trial available) for remote backup of your recordings. This ensures your data is safe even if the camera is damaged or stolen.

By default, the camera records 6-second clips for each motion event. You can adjust the recording duration and settings within the app.



Figure 12: Options for recording and storing important moments: Cloud Storage and Memory Card.

5.6 Multi-user Sharing

Share access to your camera's live feed and recordings with family members or trusted individuals through the Ubox app. This allows multiple users to monitor the property simultaneously.



Figure 13: Easily share camera access with family members, whether at home or abroad.

6. Maintenance

6.1 Solar Charging

The solar panel continuously charges the camera's internal battery. Ensure the solar panel is kept clean and free from obstructions (e.g., leaves, dirt) to maximize charging efficiency. Even on cloudy days, the panel will provide some charge, but direct sunlight is ideal for full power.

6.2 Cleaning

Periodically clean the camera lens and solar panel with a soft, damp cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials that could scratch the surfaces.

6.3 Weather Resistance

The camera has an IP65 waterproof rating, making it resistant to dust and water jets. It is designed to operate in a wide temperature range from -40F to 1220F (-200C to 500C). While robust, extreme weather conditions may temporarily affect performance.



Figure 14: The IP65 waterproof rating ensures the camera performs reliably in various weather conditions, from snow to rain.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; Only 5Ghz Wi-Fi available.	Ensure correct 2.4Ghz Wi-Fi password. Move camera closer to router or use a Wi-Fi extender. Camera only supports 2.4Ghz Wi-Fi.
Poor video quality	Weak Wi-Fi signal; Dirty lens; Low battery.	Improve Wi-Fi signal strength. Clean the camera lens. Ensure solar panel is receiving adequate sunlight.
Frequent false alarms	High motion sensitivity; Pets or moving objects triggering alerts.	Adjust motion detection sensitivity in the app. Enable AI human detection. Set specific alarm areas to exclude irrelevant zones.
Solar panel not charging	Insufficient sunlight; Panel obstructed; Loose connection.	Relocate panel to a sunnier spot. Clear any obstructions. Check cable connection to camera.
Two-way audio issues	Microphone/speaker blocked; App settings; Network delay.	Ensure no obstructions. Check app audio settings. Stable network connection is crucial for clear audio. Remember to release the talk button to hear.

8. Specifications

Model: RBX-S45

Video Resolution: 2K Full HD

Field of View: 3600 (Pan/Tilt)

Connectivity: 2.4Ghz Wi-Fi

Power Source: Solar Powered (Rechargeable Lithium Ion Battery included)

Spotlights: 500-Lumen Super-Bright LEDs

Night Vision: Color Night Vision, Infrared Mode

Motion Detection: PIR with AI Human Detection

Audio: Two-Way Audio

Storage: Micro SD Card (up to 128GB, not included), Cloud Storage (30-day trial)

Waterproof Rating: IP65

Operating Temperature: -40F to 1220F (-200C to 500C)

Mounting Type: Wall Mount

Item Weight: 2.07 pounds

9. Warranty & Support

SEHMUA offers a 2-year warranty for this product. For any issues, questions, or support needs, please contact SEHMUA customer service. Contact information is typically provided at the bottom of the instruction manual included in your product packaging or on the official SEHMUA website.

You may also find helpful resources and FAQs on theSEHMUA Store on Amazon.

© 2023 SEHMUA. All rights reserved.
This manual is for informational purposes only. Product specifications are subject to change without notice.

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