Aurumbach SC256-LS4-NA

Aurumbach 4G LTE Cellular Solar Security Camera User Manual

Model: SC256-LS4-NA
Brand: Aurumbach

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Aurumbach 4G LTE Cellular Solar Security Camera. Designed for outdoor use, this camera offers 4MP resolution, 360° PTZ view, motion tracking, color night vision, and AI detection, all powered by solar energy with built-in eSIM connectivity, eliminating the need for WiFi or constant power outlets.

Image: Aurumbach 4G LTE Cellular Solar Security Camera, highlighting its outdoor, wireless, and solar-powered design.

2. Package Contents

Please verify that all items listed below are included in your package:

- Aurumbach 4G LTE Cellular Solar Security Camera

- Solar Panel (5W high-efficiency)
- Instruction Manual
- Mounting Bracket and Screws
- USB-C Charging Cable

Image: The Aurumbach camera and its included accessories.

3. Setup

3.1 Initial Charging

Before first use, fully charge the camera's built-in 9200mAh battery using the provided USB-C cable or by exposing the solar panel to direct sunlight for several hours.

3.2 Micro SD Card Installation (Optional)

For local video storage, insert a Micro SD card (up to 256GB, not included) into the designated slot. Ensure the camera is

powered off before inserting or removing the card.

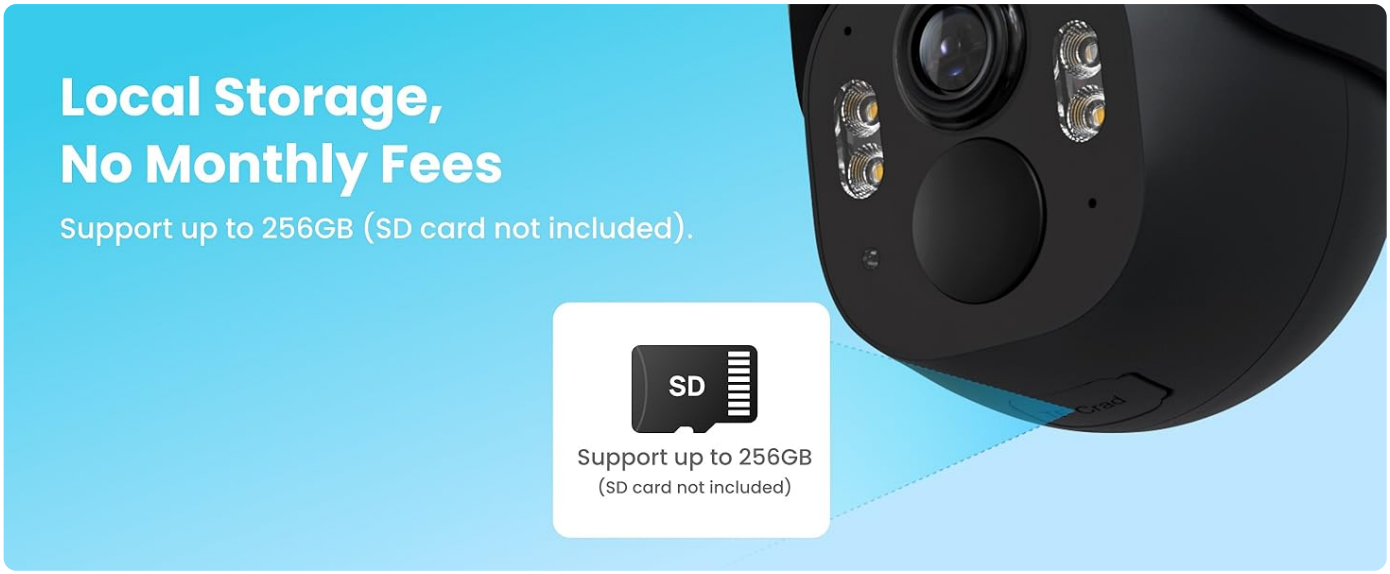

Image: Micro SD card slot for local storage.

3.3 App Download and Registration

1. Download the 'Aurumbach Smart App' from your smartphone's app store.
2. Register for an account or log in if you already have one.
3. Follow the in-app instructions to add your camera. The camera utilizes a built-in eSIM for 4G LTE connectivity, requiring no physical SIM card.

Image: Built-in eSIM for seamless 4G LTE connectivity.

3.4 Mounting the Camera

Select a suitable outdoor location with good 4G LTE signal and ample sunlight for the solar panel. Use the provided mounting bracket and screws to securely attach the camera. The camera's design allows for flexible mounting options, including ceiling or wall installation, with image flip functionality available in the app.

Image: Camera mounted, showcasing 360° pan-tilt coverage.

4. Operating Instructions

4.1 Live View and PTZ Control

Access the live video feed through the Aurumbach Smart App. Use the on-screen controls to pan the camera 355° horizontally and tilt 70° vertically, providing a full 360° panoramic view. You can also set up to 6 preset monitoring points for quick access to critical areas.

4.2 Smart Motion Tracking and AI Detection

The camera features smart auto-tracking, which automatically follows detected people, vehicles, or animals within its field of view. AI detection intelligently distinguishes between different subjects, reducing false alerts. Customize activity zones to focus monitoring on specific areas.

Image: Smart motion tracking in action.

Image: Custom activity zones and AI detection.

4.3 Night Vision and Two-Way Audio

The camera provides clear 4MP HD video, including color night vision for detailed footage in low-light conditions. Utilize the two-way audio feature to communicate with visitors or deter intruders.

Security Day and Night

Color Night Vision and IR Night Vision, up to 33ft, see more details even in the dark

Image: Color night vision and IR mode comparison.

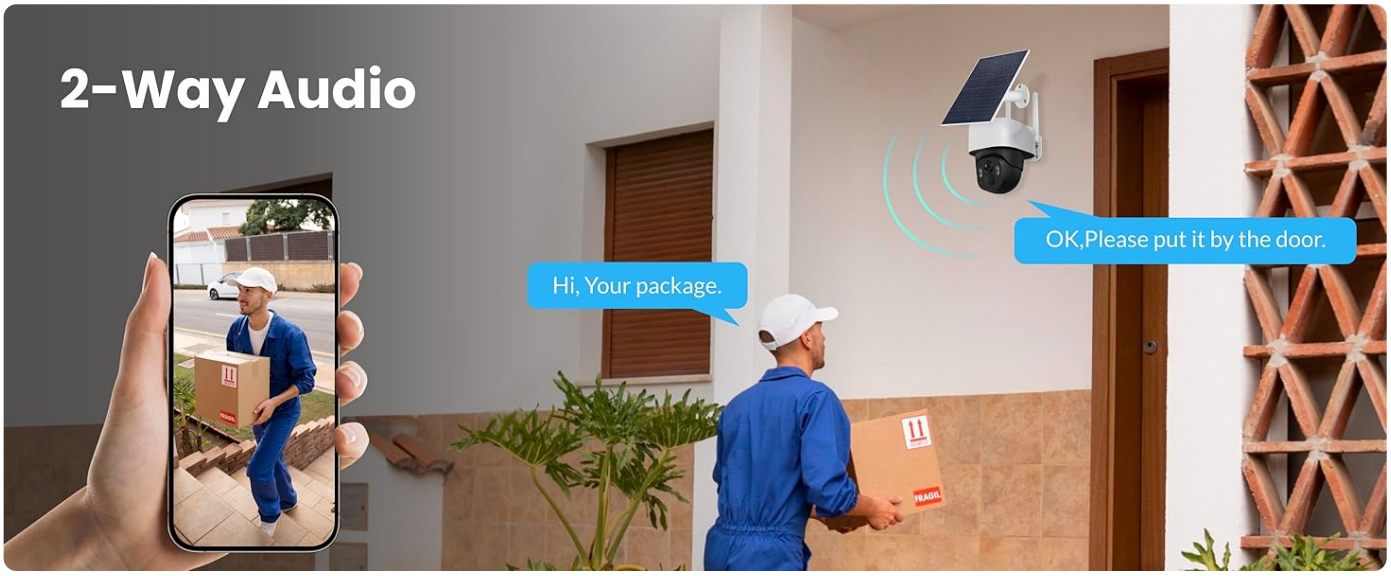

Image: Two-way audio functionality.

4.4 Siren and Spotlight

In case of detected intrusion, the built-in spotlight and siren can be activated to deter unwanted visitors. These features can be configured via the app.

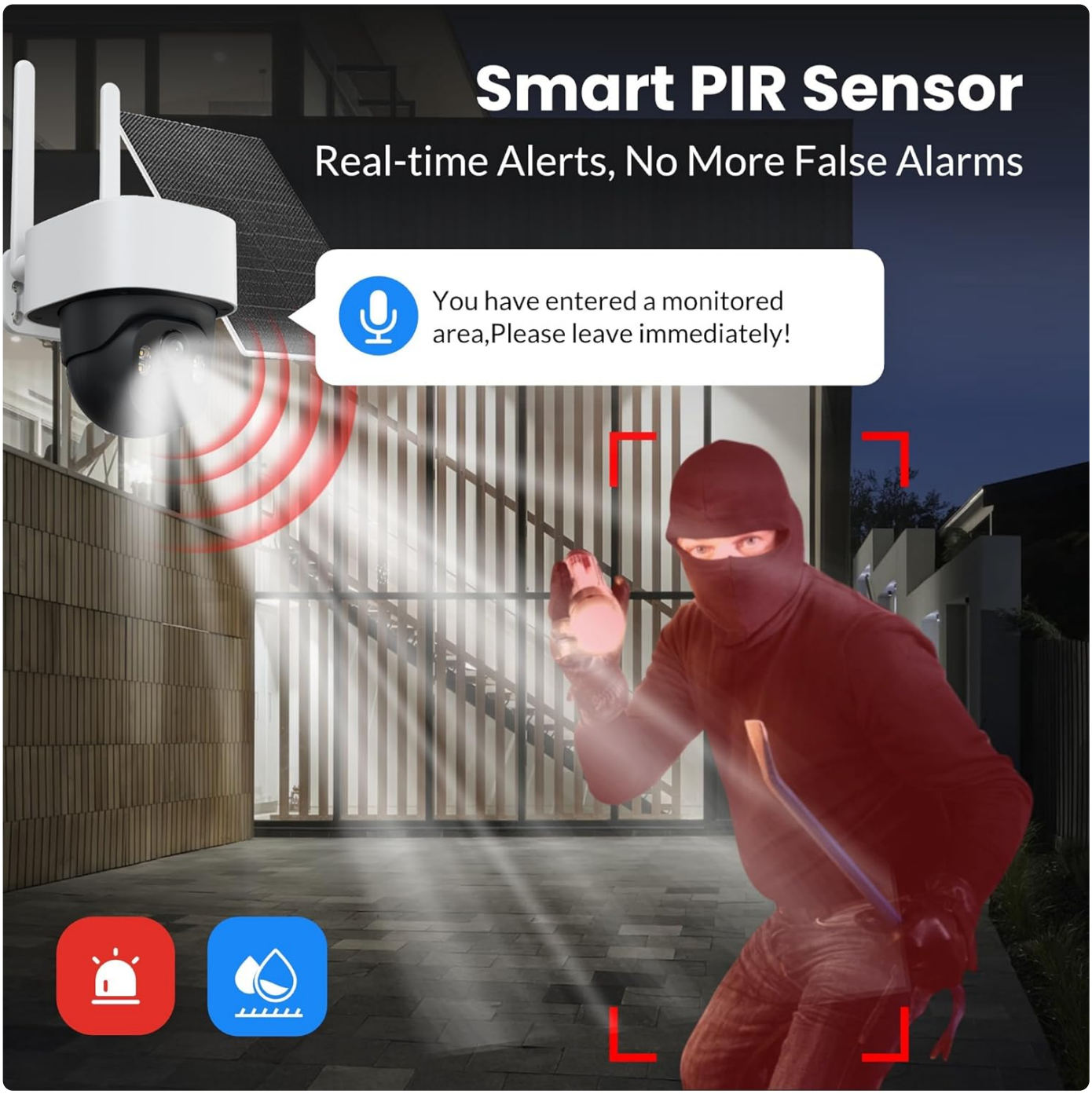

Image: Smart PIR sensor triggering alerts and deterrence.

4.5 Data Plans

The camera operates on a 4G LTE network. A 100MB free trial data is included. For continuous operation, choose from unlimited 4G LTE data plans, available monthly ($11.99) or yearly ($99.99).

Image: Cellular data plan options.

5. Features Overview

- **True 4G LTE, No WiFi Needed:** Built-in 4G LTE module with Qualcomm chipset and Cloud SIM for connectivity without WiFi or a physical SIM card.
- **100% Wireless & Solar Powered:** Completely wire-free design with a 5W high-efficiency solar panel and a 9200mAh rechargeable battery for continuous operation.
- **Ideal for Remote & Off-Grid Security Scenarios:** Perfect for locations without electricity or WiFi, such as farms, barns, construction sites, RVs, and cabins.
- **360° Panoramic View with Smart Auto-Tracking:** Offers 355° horizontal and 70° vertical rotation, with smart auto-tracking of people, vehicles, or animals. Supports up to 6 preset monitoring points.
- **4MP HD Video, Smart Detection & Flexible Local Storage:** Captures sharp 4MP HD video with 6x digital zoom and color night vision. Features intelligent human and vehicle detection, built-in spotlight, and siren. Supports Micro SD cards up to 256GB (not included).

Your browser does not support the video tag.

Video: Official product video showcasing the 4G LTE Cellular Solar Security Camera's features and outdoor capabilities.

6. Maintenance

- **Solar Panel Cleaning:** Regularly clean the solar panel surface to ensure maximum charging efficiency. Use a soft, damp cloth to remove dust and debris.
- **Battery Management:** The camera's 9200mAh battery is designed for long-lasting performance. Ensure the solar panel receives adequate sunlight for optimal charging. In prolonged periods of low sunlight, manual charging via USB-C may be necessary.
- **Firmware Updates:** The camera's app may prompt you for firmware updates. It is recommended to keep the firmware updated for improved performance and security.
- **Weather Resistance:** The camera is IP65 waterproof, designed to withstand various outdoor weather conditions. However, avoid submerging the camera in water.

Image: IP65 waterproof design for outdoor durability.

7. Troubleshooting

- **No 4G LTE Connection:** Ensure the camera is in an area with sufficient cellular signal. Check your data plan status in the app.
- **False Motion Alerts:** Adjust the sensitivity settings for motion detection in the app. Utilize custom activity zones to exclude areas prone to irrelevant motion (e.g., swaying trees).
- **Poor Video Quality:** Ensure the camera lens is clean. Check the 4G LTE signal strength, as a weak signal can affect streaming quality.
- **Battery Not Charging:** Verify the solar panel is clean and receiving direct sunlight. Check the USB-C connection if charging manually.
- **App Issues:** Ensure your app is updated to the latest version. Restart the app or your smartphone if issues persist.

8. Specifications

Model Name:
SC256-LS4-NA

Indoor/Outdoor Usage:
Outdoor

Power Source:
Solar Powered

Connectivity Protocol:
Cellular (4G LTE, Built-in eSIM)

Video Capture Resolution:
4MP

PTZ Functionality:
355° Horizontal Pan, 70° Vertical Tilt

Special Features:
2-Way Audio, Motion Sensor, Motion Tracking, Color Night Vision, AI Detection, PTZ Technology, Built-in Spotlight, Siren

Battery Capacity:
9200mAh (Lithium Ion)

Local Storage:

Supports Micro SD cards up to 256GB (not included)

Waterproof Rating:

IP65

Compatible Devices:

Smartphone (Aurumbach Smart App), Amazon Alexa, Google Home

Item Dimensions (L x W x H):

2 x 2 x 3.93 inches

Item Weight:

2.44 pounds

9. Warranty and Support

For warranty information, technical support, or any inquiries regarding your Aurumbach 4G LTE Cellular Solar Security Camera, please contact Aurumbach LLC. customer service through the contact details provided in the Aurumbach Smart App or on the official Aurumbach website. Keep your purchase receipt for warranty claims.