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› szsinocam 3G/4G LTE Solar Powered Security Camera User Manual

szsinocam 4G V3

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Model: 4G V3

INTRODUCTION



Image: The szsinocam 3G/4G LTE Solar Powered Security Camera, showcasing its solar panel, antennas, and camera lens.

This manual provides comprehensive instructions for the setup, operation, and maintenance of your szsinocam 3G/4G LTE Solar Powered Security Camera. Designed for outdoor use, this wireless camera offers advanced surveillance features including 2.5K HD video, 360-degree pan-tilt-zoom (PTZ) capabilities, and intelligent human motion detection with automatic tracking. Powered by a high-capacity 20,000 mAh battery and a 5W solar panel, it ensures continuous operation in locations without traditional Wi-Fi access, relying on 3G/4G LTE cellular networks or an Ethernet connection.

SETUP

1. Package Contents

Before beginning installation, please verify that all components are present:

- szsinocam 3G/4G LTE Security Camera
- 5W Solar Panel
- Mounting Bracket and Screws
- SIM Card (pre-installed or included)
- 32GB SD Card (pre-installed or included)
- User Manual (this document)

2. Initial Charging

For optimal performance, fully charge the camera's internal 20,000 mAh battery before first use. While the solar panel provides continuous charging, an initial full charge ensures stable operation. Connect the camera to a power source using a compatible adapter (not included) until the charging indicator shows full.

A full charge is expected to last 6-9 months under typical usage conditions (15-25 motion-triggered events per day).

3. SIM Card and SD Card Installation

The camera comes with a pre-installed SIM card and a 32GB SD card. Ensure they are properly seated in their respective slots. The SIM card enables 3G/4G LTE connectivity, and the SD card provides local storage for recorded footage.

4. Network Connection

This camera supports 3G/4G LTE cellular connection or an Ethernet cable connection. No Wi-Fi is required. The camera will automatically connect to the strongest available 4G cellular network upon setup.



Flexible Network Options

Connect the strongest 4G cellular network automatically while setting up

Tip: Includes one SIM card + one 32G card

Logos for compatible cellular networks: T-Mobile, Vodafone, SFR, O2, e-plus+, T-Mobile, orange™

Image: The szsinocam 4G LTE camera highlighting its compatibility with various cellular networks, indicating no Wi-Fi is needed.

5. Mounting the Camera and Solar Panel

Select a suitable outdoor location for mounting the camera and solar panel. Ensure the solar panel receives direct sunlight for most of the day to maximize charging efficiency. The camera can be wall-mounted using the provided bracket and screws.



Image: The szsinocam 4G LTE camera mounted on an exterior wall, connected to its solar panel, demonstrating its 360-degree view capability.

6. App Installation and Pairing

Download the official szsinocam application (or compatible SmartThings app) from your device's app store. Follow the in-app instructions to pair your camera. This typically involves scanning a QR code on the camera or entering its serial number.

OPERATING YOUR CAMERA

1. Live View and PTZ Control

Once paired, access the live video feed through the mobile application. The camera supports 355° horizontal pan and 90°

vertical tilt, allowing for comprehensive area coverage. Use the on-screen controls in the app to adjust the camera's viewing angle and utilize the 6x digital zoom for closer inspection.



Image: A diagram illustrating the camera's 360-degree PTZ rotation and the ability to set multiple preset viewing points for quick navigation.

2. Video Resolution and Night Vision

The camera captures video in 2.5K Full HD (2304 x 1296p) resolution. It offers three night vision modes:

- **Infrared Night Vision:** Provides clear black and white images in complete darkness up to 65 feet.
- **Full-Color Night Vision:** Utilizes integrated spotlights to provide color images even in low-light conditions.
- **Smart Night Vision:** Automatically switches between infrared and color night vision based on detected motion or light conditions.

Upgrade 2.5K HD Color Night Vision

Capture 2.5K HD crystal-clear images ,color night vision allows you see more colorful and vivid details in the dark.



Infrared
night vision



Full-color
night vision



Image: A visual comparison demonstrating the clarity of infrared night vision versus the vibrant details captured by full-color night vision.

3. Motion Detection and Alerts

The camera features a highly accurate PIR sensor for human motion detection, reducing false alarms. When motion is detected, the camera can:

- Send instant push notifications to your phone.
- Initiate automatic tracking of the detected human figure.
- Trigger customizable alarms (e.g., siren, light).

You can define specific detection areas within the app to focus monitoring on critical zones and avoid unnecessary alerts.

365 Days Non-Stop Power&360° View

Powered by 15000mah rechargeable battery&eco-friendly solar panel
-355°Pan/90°Tilt for comprehensive monitoring



Image: An illustration of the camera's PIR human motion detection capabilities, showing how it identifies and alerts users to human presence.

4. Two-Way Audio

The integrated microphone and speaker enable two-way audio communication. You can speak through the camera to visitors or deter intruders directly from your smartphone.



Two-way Audio&Multi-users Live Viewing Simultaneously



Image: Depiction of the two-way audio feature, allowing communication through the camera, and the ability for multiple users to view the live feed simultaneously.

5. Storage Options

Recorded footage can be stored in two ways:

- **Local Storage:** On the included 32GB SD card.
- **Cloud Storage:** A free 3-day cloud storage trial is typically provided, with options for extended subscription plans.

MAINTENANCE

1. Weather Resistance

The sziinocom camera is rated IP66 waterproof, designed to withstand various outdoor weather conditions, including rain, shine, cold, and heat (operating temperature range: -10°C to 55°C / 14°F to 131°F).

4G LTE Camera, No Wifi Needed, 100% Wire-free

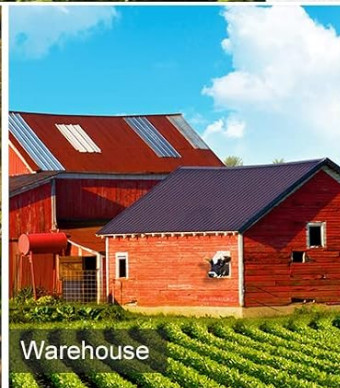
Acting Anywhere Anytime with 4G LTE Cellular Signal



Countryside



Farm



Warehouse



Campsites

Image: An illustration emphasizing the camera's IP66 waterproof rating, showing its resilience in various weather conditions like rain, snow, and extreme temperatures.

2. Solar Panel and Battery Care

Regularly clean the surface of the solar panel to ensure maximum sunlight absorption and efficient charging. Dust, dirt, or debris can reduce its effectiveness. The camera's 20,000 mAh lithium-ion battery is designed for long-term use, but extreme temperatures can affect its lifespan.

3. Software Updates

Periodically check the mobile application for available firmware updates. Keeping your camera's software up-to-date ensures optimal performance, security, and access to new features.

TROUBLESHOOTING

Common Issues and Solutions:

Problem	Possible Cause / Solution
Camera frequently disconnects or goes offline.	• Weak 4G Signal: Ensure the camera is installed in an area with strong 3G/4G LTE coverage. • SIM Card Data Limit: Check if your SIM card's data plan has been exhausted. Video streaming and recording consume significant data. • Low Battery: Ensure the battery is sufficiently charged. • Restart Camera: Try restarting the camera by powering it off and on.
Solar panel not charging the battery.	• Insufficient Sunlight: Relocate the solar panel to an area that receives direct sunlight for several hours daily. • Dirty Panel: Clean the solar panel surface to remove any dust or debris. • Cable Connection: Check the connection between the solar panel and the camera.
Poor image quality or blurry video.	• Dirty Lens: Gently clean the camera lens with a soft, dry cloth. • Network Bandwidth: Ensure stable 4G signal for optimal streaming quality. • Lighting Conditions: Adjust camera placement to avoid direct glare or insufficient light.
Motion detection not working or too many false alarms.	• Sensitivity Settings: Adjust PIR sensitivity in the app. • Detection Zones: Configure specific detection zones to exclude areas with irrelevant motion (e.g., trees swaying). • Obstructions: Ensure no objects are blocking the PIR sensor's view.

SPECIFICATIONS

Feature	Detail
Model Number	4G V3
Connectivity	3G/4G LTE, Ethernet (no Wi-Fi required)
Video Resolution	2.5K HD (2304 x 1296p), 4 MP
Pan/Tilt Range	355° Horizontal, 90° Vertical
Digital Zoom	6x
Night Vision	Infrared, Full-Color, Smart (up to 65 feet)
Battery Capacity	20,000 mAh Lithium-ion
Solar Panel Power	5W

Feature	Detail
Storage	32GB SD Card (included), Cloud Storage (trial)
Audio	Two-way audio
Motion Detection	PIR Human Form Recognition, Auto-tracking
Weather Resistance	IP66 Waterproof
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Material	Metal
Power Source	Solar Powered
Compatible Devices	Smartphone
Mounting Type	Wall Mount

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official szsinocam website. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, you may contact szsinocam customer service through their official channels.

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