

ZHXINSD SL-GC8404M-10IN

ZHXINSD SL-GC8404M-10IN Solar Powered Wireless Security Camera System User Manual

Model: SL-GC8404M-10IN

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ZHXINSD SL-GC8404M-10IN Solar Powered Wireless Security Camera System. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

- Ensure all components are securely installed to prevent falling.
- Do not expose the solar panel or camera to extreme temperatures outside the operating range.
- Avoid placing the camera in direct line of sight of strong light sources (e.g., sun, car headlights) at night, as this may affect image quality.
- Keep the camera and monitor away from strong magnetic fields.
- Only use accessories specified by the manufacturer.
- Do not attempt to disassemble or modify the product. This will void the warranty.
- Dispose of batteries and electronic components according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 4 x Wireless Solar Cameras
- 1 x 10-inch LCD Monitor
- 4 x Solar Panels
- 1 x 64GB SD Card (pre-installed)

- 1 x User Manual
- Mounting Accessories (screws, anchors)

4. PRODUCT OVERVIEW

The ZHXINSD SL-GC8404M-10IN is a 100% wireless, solar-powered security camera system designed for outdoor surveillance. It features 4MP cameras, a 10-inch monitor, AI human detection, two-way audio, and IP67 waterproofing. The system supports both 5G and 2.4G Wi-Fi for stable connectivity and includes a 64GB SD card for local storage.

Key Features:

- **100% Wireless & Solar Powered:** Integrated high-capacity rechargeable battery with solar panel for continuous operation.
- **Dual-Band WiFi Support:** Compatible with both 5G and 2.4G Wi-Fi networks for enhanced stability and coverage.
- **2.5K (4MP) Ultra Clear Pixels:** Delivers clear and smooth video footage.
- **10-Channel Multifunction Monitor:** Supports up to 10 cameras and includes a pre-installed 64GB SD card for up to 90 days of recording.
- **AI Human Motion Detection:** Advanced infrared detection intelligently differentiates between people, vehicles, and pets, sending instant notifications.
- **Long-Range Color Night Vision:** Features a 600-lumen spotlight and 4 LEDs for excellent full-color night vision up to 60 meters.
- **Two-Way Audio:** Built-in microphone and speaker for remote communication and alerts.
- **IP67 Waterproof:** Designed to withstand harsh outdoor weather conditions.

5. SETUP GUIDE

5.1 Initial Power-Up

The cameras are equipped with internal rechargeable batteries and are powered by solar panels. Ensure the solar panels are connected to the cameras and exposed to sunlight for initial charging. The monitor should be plugged into a power outlet.

Non-Stop Solar Powered

100% Wire-Free No Worry of Wiring Hassle



5G&2.4GHz WiFi

Built-in Battery

Solar Powered

Figure 5.1: The solar-powered camera connected to its solar panel, illustrating its wireless and solar charging capabilities. The image also highlights 5G&2.4GHz WiFi, Built-in Battery, and Solar Powered features.

5.2 Camera and Monitor Pairing

Your cameras and the 10-inch monitor are pre-paired at the factory for a true plug-and-play experience. Simply power on both devices, and the camera feeds should appear on the monitor automatically.

True Plug and Play

Set up in minutes, the camera and monitor are paired before shipping



Figure 5.2: An illustration of the camera and monitor being pre-paired for easy setup, labeled "True Plug and Play". The monitor displays multiple camera feeds, and the image also shows the system's expandability up to 10 channels.

5.3 Physical Installation

Mount the cameras in desired outdoor locations using the provided screws and anchors. Ensure the solar panel connected to each camera receives at least 2 hours of direct sunlight daily for optimal charging. The cameras are IP67 waterproof, suitable for various weather conditions.

Standing In The Storm

IP67 waterproof, no fear of wind and rain



Rainy



Snow



Hot



Dustproof



Figure 5.3: The camera and solar panel are shown enduring various weather conditions (rainy, snow, hot, dustproof), emphasizing the IP67 waterproof rating.

5.4 Network Connection and App Remote Access

While the system works locally without WiFi, for remote access and advanced features, connect the monitor to your wireless router via WiFi (supports 5G and 2.4G). Download the "Essecloud" app on your smartphone (compatible with Android) and follow the in-app instructions to add your device for remote viewing and control.



Figure 5.4: The image illustrates both local viewing on the monitor (labeled "No WiFi Needed") and remote access via the "Essecloud" smartphone app, showing how the monitor connects to a wireless router for app connectivity.

6. OPERATING INSTRUCTIONS

6.1 Live View and Recording

Once powered on, the monitor will display live feeds from all connected cameras. The system automatically records to the

pre-installed 64GB SD card, supporting up to 90 days of video storage. You can view recorded footage directly on the monitor or via the "Essecloud" app.



Figure 6.1: An image illustrating the 2.5K resolution capability of the camera, emphasizing that "Details are visible".

6.2 Motion Detection and Alerts

The system features AI human motion detection. When a person is detected, the camera will trigger an alert, activate its 600-lumen spotlight, and send a push notification to your "Essecloud" app. You can customize detection zones and

sensitivity settings within the app.

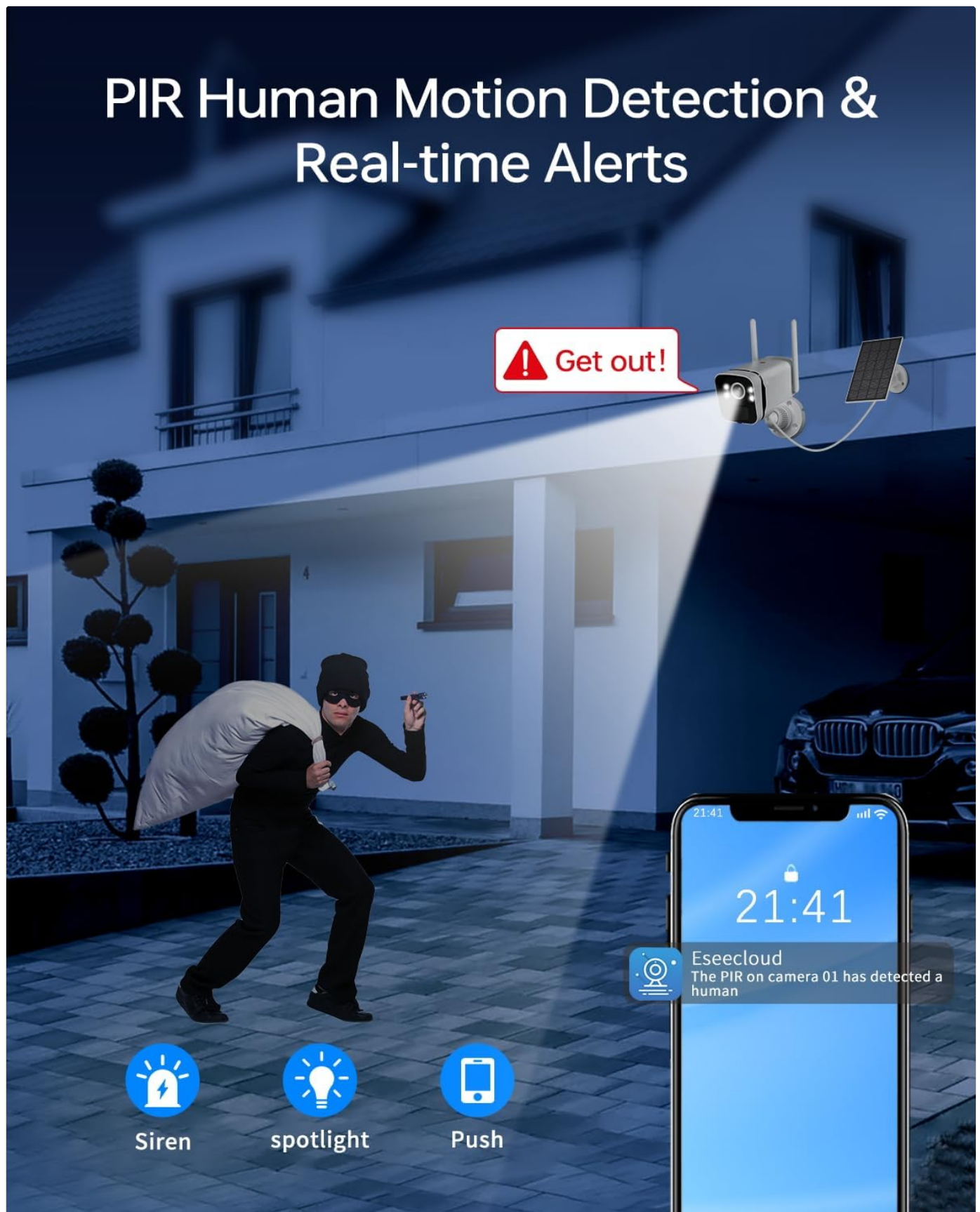


Figure 6.2: This image depicts the PIR Human Motion Detection feature, showing a spotlight activating and a smartphone receiving an "Essecloud" app notification when a person is detected.

6.3 Two-Way Audio

Utilize the two-way audio feature through the "Essecloud" app to communicate with visitors or deter intruders. The built-in microphone and speaker allow for clear voice interaction.

Two-Way Audio

Chat via camera in both directions and speak freely

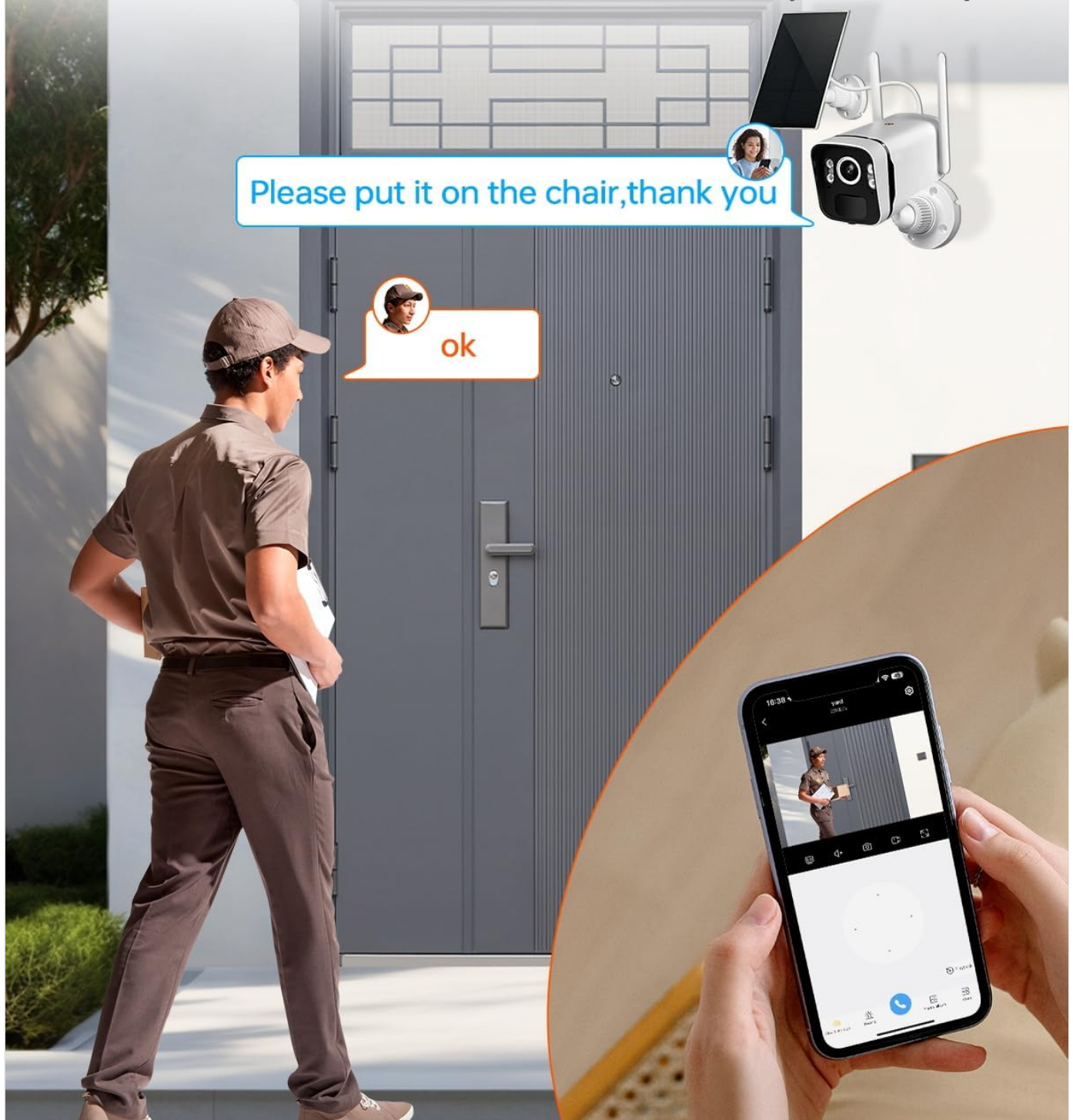


Figure 6.3: An illustration of the two-way audio function, showing a person speaking through the camera to a delivery person, with text bubbles indicating a conversation.

6.4 Night Vision

The cameras provide excellent full-color night vision up to 60 meters, enhanced by a 600-lumen spotlight that activates upon motion detection. This ensures clear visibility even in low-light conditions.

6.5 Expanding Your System

The 10-inch monitor supports up to 10 cameras. You can easily add additional ZHXINSD wireless solar cameras to expand your surveillance coverage. Refer to the "Essecloud" app or monitor settings for instructions on adding new cameras.

7. MAINTENANCE

7.1 Cleaning

- Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust and dirt. This ensures optimal image clarity and solar charging efficiency.
- Do not use harsh chemicals or abrasive cleaners.

7.2 Battery Care

- Ensure the solar panels are positioned to receive maximum sunlight exposure daily.
- In prolonged periods of low sunlight, the camera's battery may deplete. Consider temporarily repositioning the solar panel or providing an alternative power source if available.

7.3 Firmware Updates

Check the "Essecloud" app periodically for available firmware updates. Keeping your system updated ensures optimal performance and security.

8. TROUBLESHOOTING

8.1 No Image on Monitor

- **Check Power:** Ensure the monitor is plugged in and powered on.
- **Camera Power:** Verify cameras are charged (solar panel receiving sunlight) and powered on.
- **Pairing:** Although pre-paired, if a camera loses connection, try re-pairing it through the monitor's settings (refer to the monitor's specific menu for pairing options).
- **Signal Strength:** Ensure cameras are within range of the monitor. Obstacles like thick walls can reduce signal.

8.2 Poor Image Quality

- **Clean Lens:** Clean the camera lens as described in the Maintenance section.
- **Network Connection:** For remote viewing, ensure a stable WiFi connection for the monitor.
- **Lighting:** Avoid strong backlighting or direct light sources at night.

8.3 Motion Detection Not Working

- **Enable Detection:** Ensure motion detection is enabled in the monitor or "Essecloud" app settings.
- **Sensitivity:** Adjust motion detection sensitivity.
- **Detection Zone:** Verify the detection zone is correctly configured.
- **Obstructions:** Ensure there are no physical obstructions blocking the camera's PIR sensor.

8.4 App Connectivity Issues

- **WiFi Connection:** Confirm the monitor is connected to your home WiFi network.
- **Router Settings:** Ensure your router supports 5G/2.4G WiFi and there are no firewall restrictions.
- **App Version:** Make sure your "Essecloud" app is updated to the latest version.

- **Restart:** Try restarting your smartphone, the monitor, and your WiFi router.

9. SPECIFICATIONS

Feature	Detail
Brand	ZHXINSD
Model Number	SL-GC8404M-10IN
Power Source	Solar Powered (with built-in Lithium-ion batteries)
Connectivity Technology	Wireless (Wi-Fi 5G/2.4G)
Effective Capture Resolution	4 Megapixels (2.5K)
Monitor Size	10 inches
Max Cameras Supported	10 Channels
Storage	64GB SD Card (installed), supports up to 6TB HDD
Special Features	Two-Way Audio, Motion Detector (AI Human Detection), Local Recording, Color Night Vision (600-lumen spotlight, 4 LEDs)
Night Vision Range	60 Meters
International Protection Rating	IP67
Recommended Uses	Outdoor Security, Pet Monitoring, Indoor Security
Compatible Devices	Smartphone (Android), Television
Product Dimensions	30 x 25 x 18 cm; 3.92 kilograms

10. WARRANTY AND SUPPORT

Your ZHXINSD SL-GC8404M-10IN Solar Powered Wireless Security Camera System comes with a **2-year replacement warranty** and a **30-day refund policy** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact ZHXINSD customer service. Our professional technical and after-sales service team is available to provide assistance. Please refer to your purchase documentation or the official ZHXINSD website for contact information.

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