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ZHXINSD CA-SL1044M-H10-HD5

ZHXINSD Solar Security Camera System User Manual

Model: CA-SL1044M-H10-HD5

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ZHXINSD Solar Security Camera System. This system features 4MP battery-powered wireless outdoor cameras, a 10-inch monitor, 360° view capabilities, 500GB HDD storage, color night vision, and motion detection. It supports both 5G and 2.4G Wi-Fi networks for remote access.
The system is designed for ease of use with a plug-and-play setup, making it suitable for various environments including farms, warehouses, and areas without internet access for local recording.



Image: Overview of the ZHXINSD Solar Security Camera System, highlighting its wire-free, solar-powered design and key features like WiFi, Pan&Tilt, Color Night Vision, Intelligent Alarm, Two-Way Audio, PIR Motion Spotlight, and IP67 Waterproof rating.

1. Setup Instructions

1.1 Package Contents

Ensure all components are present:

- 10-inch LCD Monitor
- Solar-powered Wireless Cameras (quantity as per kit, e.g., 4-Cam kit)
- Power Adapters
- Mounting Screws and Tools
- User Manual

1.2 Initial System Pairing (Factory Pre-paired)

The solar wireless security camera system is automatically paired with all cameras during factory setup. No manual pairing is required for initial use.

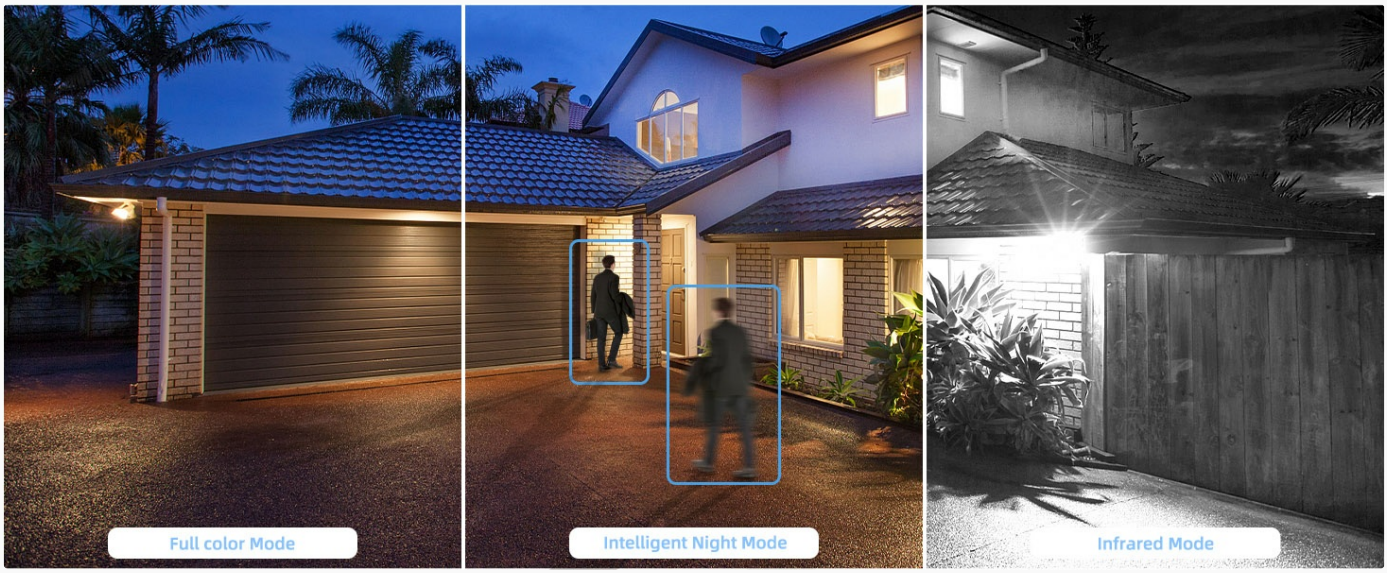


Image: Illustration of the plug-and-play setup, showing the monitor and camera pre-paired and ready for use. Also depicts the system's expandability up to 10 channels.

1.3 Camera Installation

1. **Choose Location:** Select a location for each camera that provides the desired viewing angle and ensures the solar panel receives adequate direct sunlight daily.
2. **Mount Camera:** Use the provided mounting screws to securely attach the camera bracket to a wall or suitable surface.
3. **Adjust Solar Panel:** Position the solar panel to maximize sun exposure throughout the day. The solar panel can be adjusted independently from the camera.
4. **Connect Solar Panel:** Connect the solar panel cable to the camera.



Image: A ZHXINSD solar security camera mounted on a wall with its solar panel, illustrating the wire-free installation and continuous power supply.

Image: A hand demonstrating the simple mounting process of the camera onto a wall bracket.

1.4 Monitor Setup

1. **Power On:** Connect the 10-inch LCD monitor to a power outlet using the provided adapter.
2. **Placement:** Place the monitor on a desktop using its adjustable stand.
3. **Local Viewing:** The monitor will automatically display live feeds from the pre-paired cameras.
4. **Network Connection (Optional for Remote View):** To enable remote viewing via the mobile app, connect the monitor to your wireless router using an Ethernet cable or Wi-Fi.



Image: Demonstrates the monitor connected to power for local viewing, and a camera installed outside, emphasizing the 'no internet needed' feature for local operation.

2. Operating Instructions

2.1 Live View and Playback

- **On Monitor:** View live feeds directly on the 10-inch monitor. Use the monitor's interface to switch between cameras or view multiple feeds simultaneously.
- **Remote App:** Download the free Eseecloud app (available on Google Play and App Store) to your smartphone or tablet. Connect the app to your system for remote live viewing and playback.

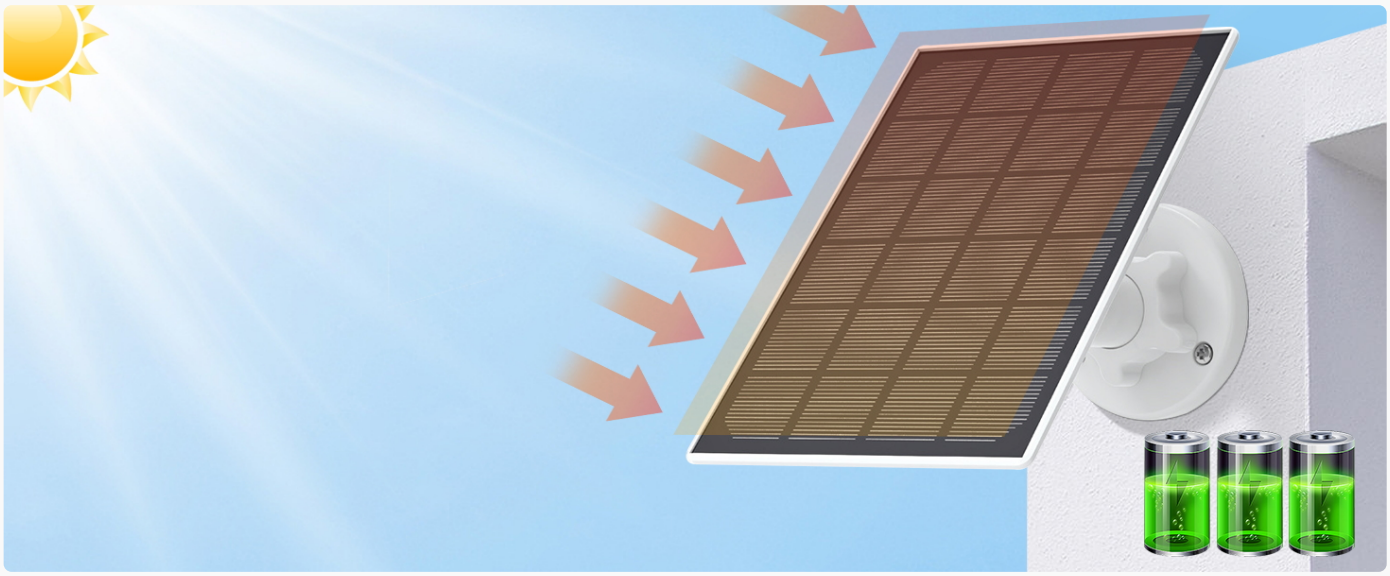


Image: Shows the system operating with both the local monitor displaying multiple camera feeds and a smartphone accessing the system remotely via the app, connected through a wireless router.



Image: Illustrates the capability to view camera feeds on various devices including smartphones, tablets, and computers.

2.2 Pan, Tilt, and Zoom (PTZ) Control

The outdoor cameras offer 355° horizontal pan and 140° vertical tilt. Control camera movement through the Eseecloud app or the monitor interface to eliminate blind spots. Digital zoom is also available.



Image: Demonstrates the camera's 355° pan and 140° tilt capabilities, highlighting its ability to track persons, vehicles, animals, and general motion.

2.3 Motion Detection and Alerts

The system features PIR human motion detection. When motion is detected, the camera's 600 lumen spotlight activates, and you receive real-time alerts via the mobile app, siren, or email.

- **PIR Human Detection:** Focuses on human shapes to reduce false alarms.
- **Spotlight Activation:** The super bright spotlight illuminates detected intruders.
- **Alerts:** Receive instant notifications on your phone, trigger a siren, or get email alerts.



Image: Illustrates a person being detected by the camera, triggering a spotlight and a mobile app notification for device object movement.



Image: Shows the various alarm options upon motion detection: Light Alarm, Siren, App Push notification, and Email alert.

2.4 Color Night Vision

The 4MP cameras provide clear video even in low light conditions. With 4 LEDs, the system offers excellent color night vision, providing more detail than traditional infrared black and white night vision.



Image: Compares different night vision modes: Full Color Mode, Intelligent Night Mode (color with spotlight), and Infrared Mode (black and white).

2.5 Two-Way Audio

Each camera has a built-in microphone and speaker, enabling two-way communication. Use the mobile app to speak through the camera and listen to audio from the camera's location. The monitor only picks up sound.



Image: Depicts a person at a door communicating with someone remotely via the camera's two-way audio feature.



Image: A delivery person interacting with the two-way audio system, receiving instructions to leave a package at the door.

2.6 Storage Options

The system supports multiple storage methods:

- **500GB HDD:** The monitor includes a 500GB Hard Disk Drive for local recording.
- **SD Card:** Supports additional local storage via SD card (not included).
- **Cloud Storage:** Optional cloud storage services may be available (check app for details, may incur fees).



Image: Icons representing the available storage options: 3.5" HDD, SD Card, and Cloud storage.

2.7 Privacy and Motion Zones

Configure specific areas as 'Private Areas' to exclude them from recording, or define 'Motion Areas' to focus motion detection on critical zones.

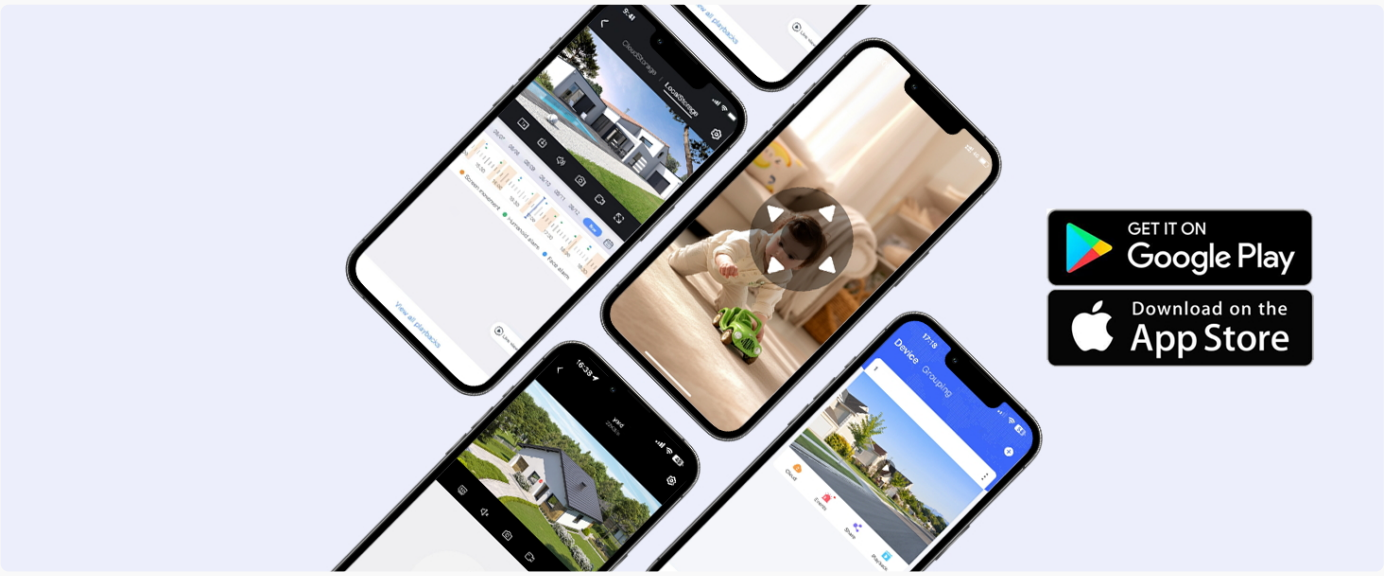


Image: An outdoor scene with overlays indicating a 'Private Area' (excluded from recording) and a 'Motion Area' (where motion detection is active).

3. Maintenance

- **Clean Solar Panels:** Regularly wipe the solar panels with a soft, damp cloth to remove dust, dirt, and debris. This ensures optimal charging efficiency.
- **Clean Camera Lens:** Gently clean the camera lens with a microfiber cloth to maintain clear image quality.
- **Check Connections:** Periodically inspect all cable connections (especially between the solar panel and camera) for secure fit and signs of wear.
- **Software Updates:** Check the Eseecloud app or monitor settings for available firmware updates to ensure optimal performance and security.
- **Battery Health:** While designed for continuous power, monitor battery performance, especially in prolonged cloudy weather.



Image: Illustrates sunlight hitting the solar panel, charging the camera's internal batteries, emphasizing the self-sustaining

power source.

4. Troubleshooting

Problem	Possible Cause	Solution
No image on monitor	Monitor not powered; cameras not powered or out of range; cameras not paired.	Ensure monitor is plugged in. Check camera solar panel for sufficient sunlight. Verify cameras are within wireless range. System is pre-paired, but if issues persist, contact support.
Remote viewing not working	Monitor not connected to internet; incorrect app settings; weak Wi-Fi signal.	Ensure monitor is connected to your router (Ethernet or Wi-Fi). Check app for correct device addition and network settings. Verify strong Wi-Fi signal at monitor location.
Poor image quality	Dirty camera lens; low light conditions; camera too far from monitor/router.	Clean camera lens. Ensure adequate lighting for optimal color night vision. Relocate camera closer to monitor/router or improve Wi-Fi signal.
Motion detection false alarms	Sensitivity too high; objects like trees or animals triggering alerts.	Adjust motion detection sensitivity in the app. Configure 'Private Areas' or 'Motion Areas' to exclude irrelevant zones.
Camera not charging	Insufficient sunlight; dirty solar panel; faulty connection.	Ensure solar panel receives 4-6 hours of direct sunlight daily. Clean the solar panel. Check the connection cable between the solar panel and camera.

5. Specifications

Brand	ZHXINSD
Model Number	CA-SL1044M-H10-HD5
Connectivity Technology	Wired Router, Wireless WiFi (5G/2.4G)
Video Capture Resolution	4MP (1440p), 4K (supported by system, actual camera resolution is 4MP)
Special Feature	PTZ Technology (Pan 355°, Tilt 140°), Color Night Vision, Two-Way Talk, Motion Detection
Number of Channels	10 (Max supported cameras)
Memory Storage Capacity	500 GB (HDD), SD Card slot available
Power Source	Solar Powered (with built-in battery)
Item Dimensions (L x W x H)	33 x 17.5 x 34.5 centimetres
Night Vision Range	60 feet
Viewing Angle	360 degrees (via PTZ)
Waterproof Rating	IP67



Image: Highlights the features of the 10-inch IPS UHD Monitor, including 10 channels, zero monthly fees, built-in speaker, local storage, and smart power saving mode.

Image: Illustrates the camera's IP67 waterproof rating, indicating its resilience to various weather conditions from -20°C to 70°C.

6. Warranty Information

The ZHXINSD Solar Security Camera System comes with a**1-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.
For any warranty-related inquiries or issues, please contact our support team using the information provided in the Support section.

7. Support

If you encounter any issues or have questions regarding your ZHXINSD Solar Security Camera System, please do not hesitate to contact our customer support team.

- **Email:** Emmaforyou2023@hotmail.com
- **Online Resources:** Refer to the Eseecloud app for FAQs and additional support resources.

We offer 2-year support for this surveillance camera system.

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