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› ZHXINSD 2K 4MP Solar Battery Powered Wireless Outdoor Security Camera User Manual

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Model: 2K 4MP Solar Battery Powered Security Camera

1. PRODUCT OVERVIEW

The ZHXINSD 2K 4MP Solar Battery Powered Wireless Outdoor Security Camera is designed to provide reliable surveillance for your property. This camera features 2K 4MP high-definition video, a built-in rechargeable battery powered by an integrated solar panel, and wireless WiFi connectivity for flexible placement. It includes PIR motion detection, two-way audio communication, and advanced full-color night vision capabilities.

9000mAh Battery Solar Power Security Camera



Image 1.1: Overview of the ZHXINSD Solar Security Camera with its solar panel.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present and in good condition:

- Wireless Solar Security Camera Unit
- Solar Panel with connection cable
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual (this document)



Image 2.1: Detailed view of the camera's components and ports.

3. SETUP GUIDE

3.1 Initial Power Up and Reset

1. Locate the ON/OFF switch on the camera.
2. Press and hold the ON/OFF button for 3 seconds to power up the camera.
3. To reset the camera, locate the 'Reset' button. Press and hold the 'Reset' button for 3 seconds until you hear a voice prompt indicating a successful reset.

Video 3.1: Demonstration of how to power on and reset the solar wireless security camera.

3.2 App Installation and Camera Pairing

The camera is compatible with the "EseeCloud" app. We recommend using the "EseeCloud" app for optimal performance.

1. Download the "EseeCloud" app from the App Store (iOS) or Google Play (Android).
2. Register for an account and log in.
3. Follow the in-app instructions to add a new device. This typically involves scanning a QR code on the camera or its packaging.
4. Connect the camera to your 2.4GHz WiFi network. Ensure your WiFi password meets the required criteria (e.g., 8 characters, no special symbols if issues arise).



Image 3.2: Visual guide for quick and easy camera setup using the EseeCloud app.

Video 3.3: Instructions on how to easily pair a new camera with the system.

3.3 Outdoor Installation

Mount the camera in a location that provides optimal sunlight exposure for the solar panel and a clear view of the area you wish to monitor. Ensure the camera is within range of your WiFi network.



Image 3.4: Example of outdoor camera installation on a house.

4. OPERATING INSTRUCTIONS

4.1 Live View and Playback

Access the EseeCloud app to view the live feed from your camera anytime, anywhere. The app also allows you to review recorded footage, which is triggered by motion events.

Video 4.1: A customer review video demonstrating the live view and playback features of the camera.

4.2 Motion Detection and Alerts

The camera features a highly sensitive PIR detection sensor and intelligent mobile tracking. When motion is detected, the camera automatically tracks the moving object and sends instant alerts to your phone.

- Configure motion detection sensitivity in the app settings.
- Set up specific detection zones to minimize false alarms.
- Enable push notifications to receive immediate alerts on your smartphone.



Image 4.2: Motion detection in action, with an alert displayed on a smartphone.

4.3 Two-Way Audio

Communicate in real-time with visitors or deter intruders using the camera's built-in microphone and speaker.

- Tap the microphone icon in the live view interface to speak through the camera.
- Ensure the speaker volume is adjusted appropriately in the app settings.

Clear Two Way Voice

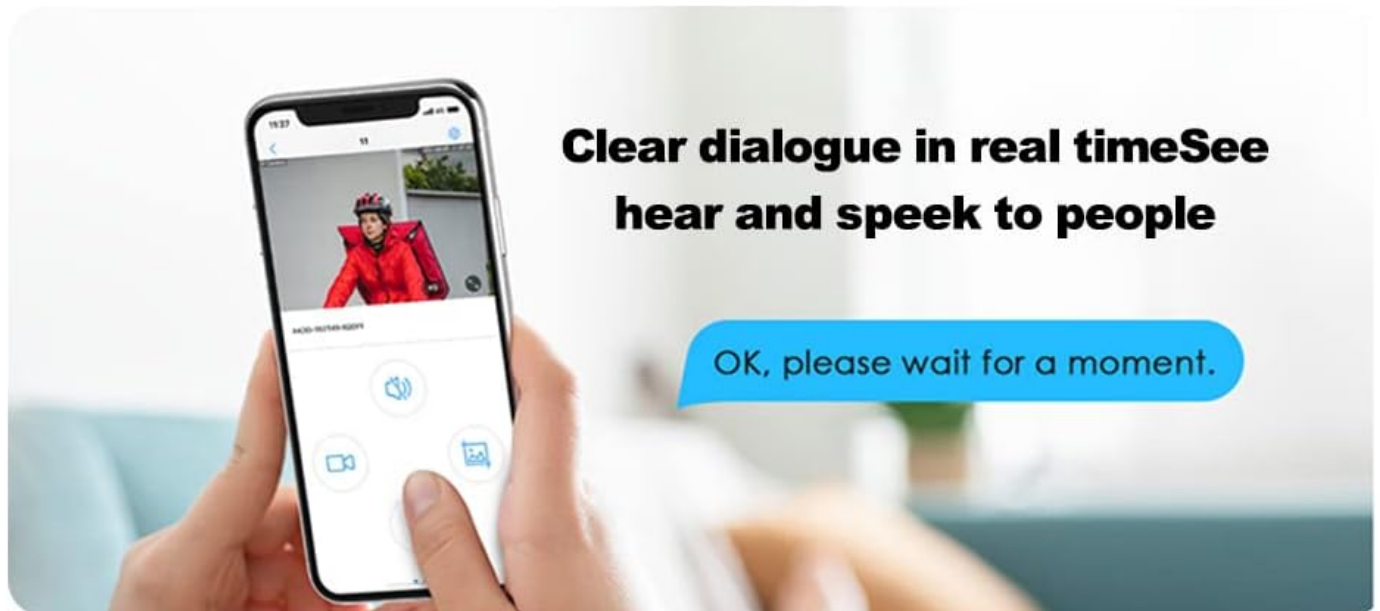
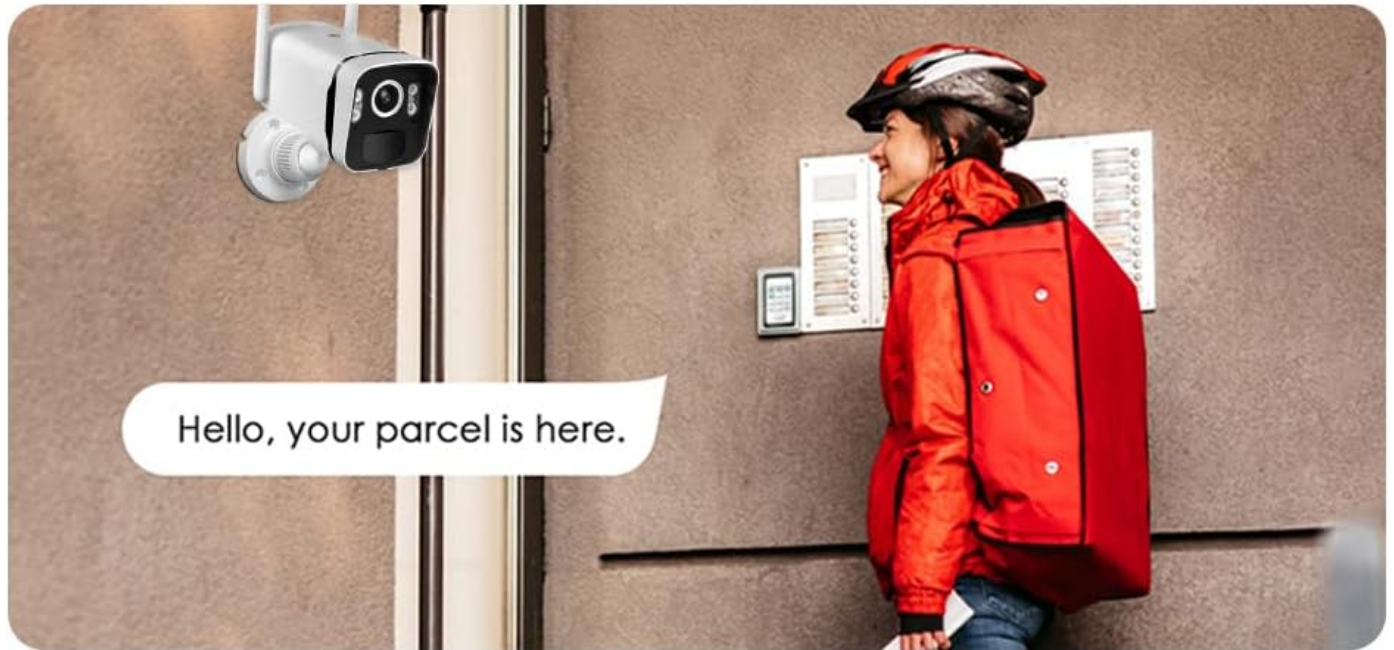


Image 4.3: Two-way audio feature allowing communication through the camera.

4.4 Night Vision

The camera offers both full-color night vision and infrared (IR) night vision for clear monitoring in low-light conditions.

- **Full-Color Night Vision:** Utilizes integrated white lights to provide color images even in darkness.
- **IR Night Vision:** Provides clear black and white images using infrared LEDs.
- Switch between night vision modes or set to automatic in the app settings.

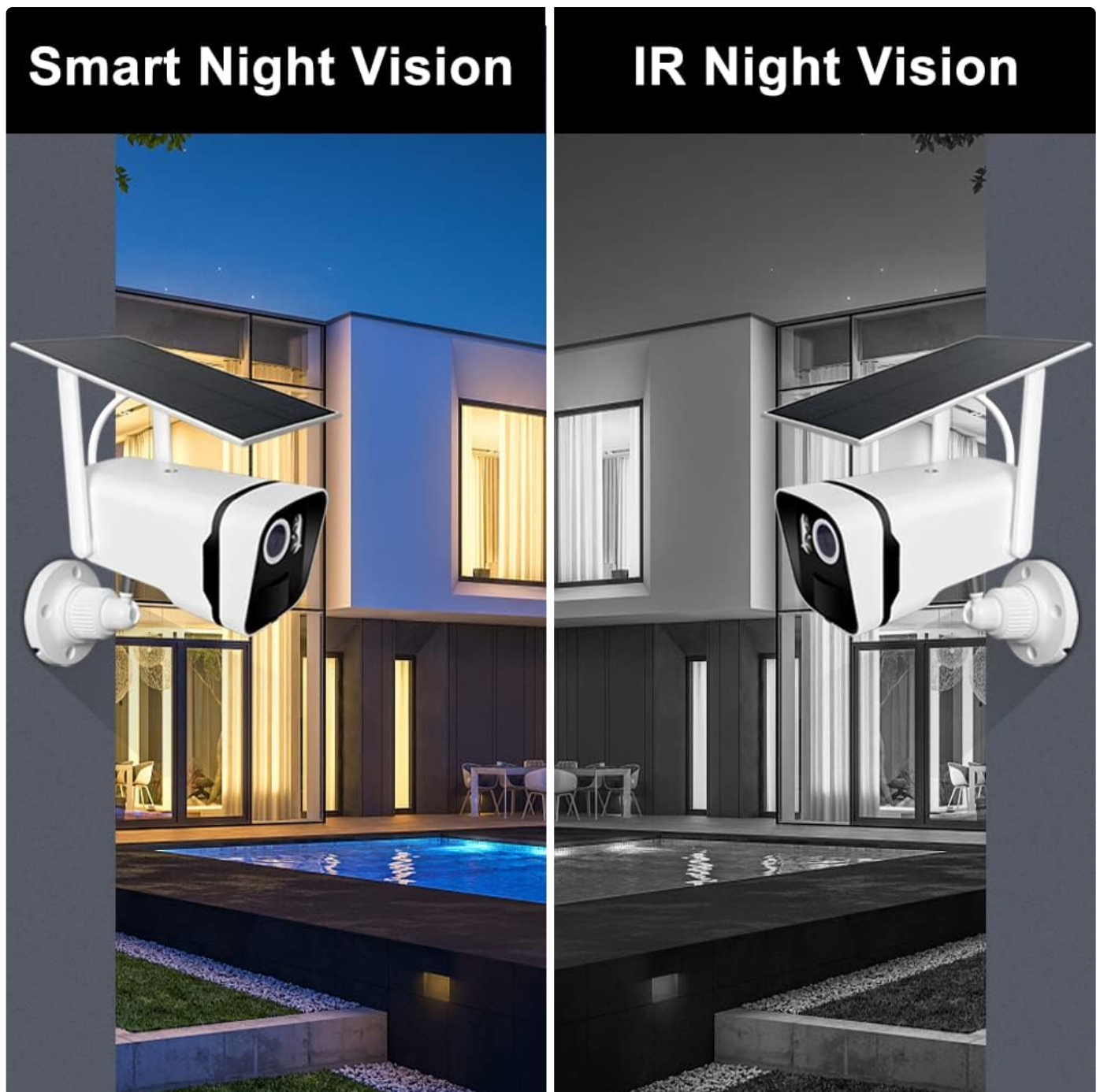


Image 4.4: Comparison of smart full-color night vision and traditional IR night vision.

4.5 Multi-User and Multiple Views

The EseeCloud app supports simultaneous viewing by multiple users on various devices (phone, PC, tablet). You can share access with family members for comprehensive monitoring.

- Invite family members to view the camera feed through the app's sharing function.
- Monitor multiple cameras simultaneously within the app interface.

5. MAINTENANCE

5.1 Cleaning

- Regularly wipe 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 lens or panel surface.

5.2 Battery Care and Solar Charging

- Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day for optimal charging.
- In periods of prolonged cloudy weather or low sunlight, the camera can be charged via the USB port using a standard 5V power adapter.
- The camera's 9000mAh battery provides extended standby time.



Image 5.1: Illustration of the solar panel charging the camera's 9000mAh battery.

5.3 Firmware Updates

- Check the EseeCloud app regularly for available firmware updates.
- Install updates to ensure your camera has the latest features and security enhancements.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password, weak signal, 5GHz network.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Reset camera and try pairing again.
Frequent false motion alerts	High sensitivity, environmental factors (e.g., moving branches).	Adjust PIR sensitivity settings in the app. Define specific motion detection zones to exclude irrelevant areas.
No video or blurry video	Poor network connection, dirty lens.	Check Wi-Fi signal strength. Clean the camera lens. Ensure adequate lighting for night vision.
Short battery life	Insufficient sunlight, frequent motion triggers, extreme temperatures.	Relocate solar panel for better sun exposure. Reduce motion detection sensitivity or frequency. Charge camera via USB if needed.
Failed to get device settings in app	Temporary network issue or app glitch.	Restart the app. Check your internet connection. If the issue persists, try resetting the camera.

7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	ZHXINSD
Connectivity Technology	Wireless (2.4GHz Wi-Fi)
Special Features	Motion Sensor, Night Vision, 2-Way Audio
Indoor/Outdoor Usage	Outdoor
Effective Still Resolution	4 MP
Waterproof Rating	IP66
Video Capture Resolution	4 MP
Power Source	Battery Powered, Solar
Battery Capacity	9000mAh (integrated)
Item Dimensions	8.86 x 4.33 x 3.74 inches
Item Weight	1.45 Pounds
Night Vision Type	Full Color Night Vision, IR Night Vision
Compatible Devices	Smartphone, Desktop, Laptop
Recommended App	EseeCloud

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This ZHXINSD camera comes with a one-year manufacturer's warranty, ensuring it is 100% wire-free and free from defects in materials and workmanship under normal use.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact ZHXINSD customer support through the following channels:

- Refer to the support section within the EseeCloud app.
- Visit the official ZHXINSD website for FAQs and contact details.
- Email: support@zhxinsd.com (Example email, please verify actual 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

Open the live page

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