SEHMUA ZS-GX6S

SEHMUA Wireless Outdoor Security Camera User Manual

Model: ZS-GX6S

1. Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your SEHMUA Wireless Outdoor Security Camera. Designed for outdoor surveillance, this camera features 1080P HD video, rechargeable battery power, solar charging capability, Wi-Fi connectivity, night vision, two-way audio, and PIR motion detection, all within an IP65 weatherproof design.



Figure 1: SEHMUA Wireless Outdoor Security Camera with Solar Panel.

2. Product Features

- **Large Capacity Battery & Enhanced Antenna:** Built-in battery provides 2-6 months of use per charge (6000 events). Features a 4DB enhanced antenna for stronger 2.4GHZ Wi-Fi signal reception. Equipped with a solar charging panel for continuous power.
- **PIR Motion Detection & 2-Way Audio:** Advanced PIR sensors with adjustable sensitivity reduce false alarms. Receive instant notifications on your phone upon human motion detection. Built-in microphone and speaker enable two-way communication.
- **1080P HD & Night Vision:** Delivers 1920 x 1080 resolution with a 120° viewing angle. Automatically activates night vision mode in low light, providing clear visibility up to 50 ft in darkness.

- **IP65 Weatherproof:** Durable sealed design ensures reliable operation in outdoor conditions, withstanding temperatures from -20°C to 50°C, including extreme weather such as snowstorms.
- **100% Wireless Easy Installation:** Battery-powered design eliminates wiring, allowing flexible placement within Wi-Fi range. Monitor your home security remotely via the camera.

3. Package Contents

Please check the package for the following items:

- SEHMUA Wireless Outdoor Security Camera
- Solar Charging Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual
- (Note: Specific contents may vary slightly based on package version.)

4. Getting Started (Setup)

4.1 Charging the Camera

Before initial use, fully charge the camera using the provided USB cable. The camera's built-in battery can last 2-6 months depending on usage. The solar panel will help maintain the charge, especially in sunny conditions.



Figure 2: Camera powered by solar panel for continuous operation.

4.2 App Installation

Download the companion mobile application from your device's app store (e.g., "CloudEdge" or similar, refer to package for exact app name). Follow the on-screen instructions to create an account and log in.

4.3 Connecting to Wi-Fi

Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi during the configuration process. Follow the in-app instructions to connect your camera to your home Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera lens.



Figure 3: The camera connects via 2.4GHz Wi-Fi.

4.4 Mounting the Camera

The camera is designed for wall mounting. Choose a location that provides the desired viewing angle and is within range of your 2.4GHz Wi-Fi network. For optimal motion detection and coverage, consider mounting the camera at a height of approximately 8 feet with a slight downward overlook of 15 degrees.

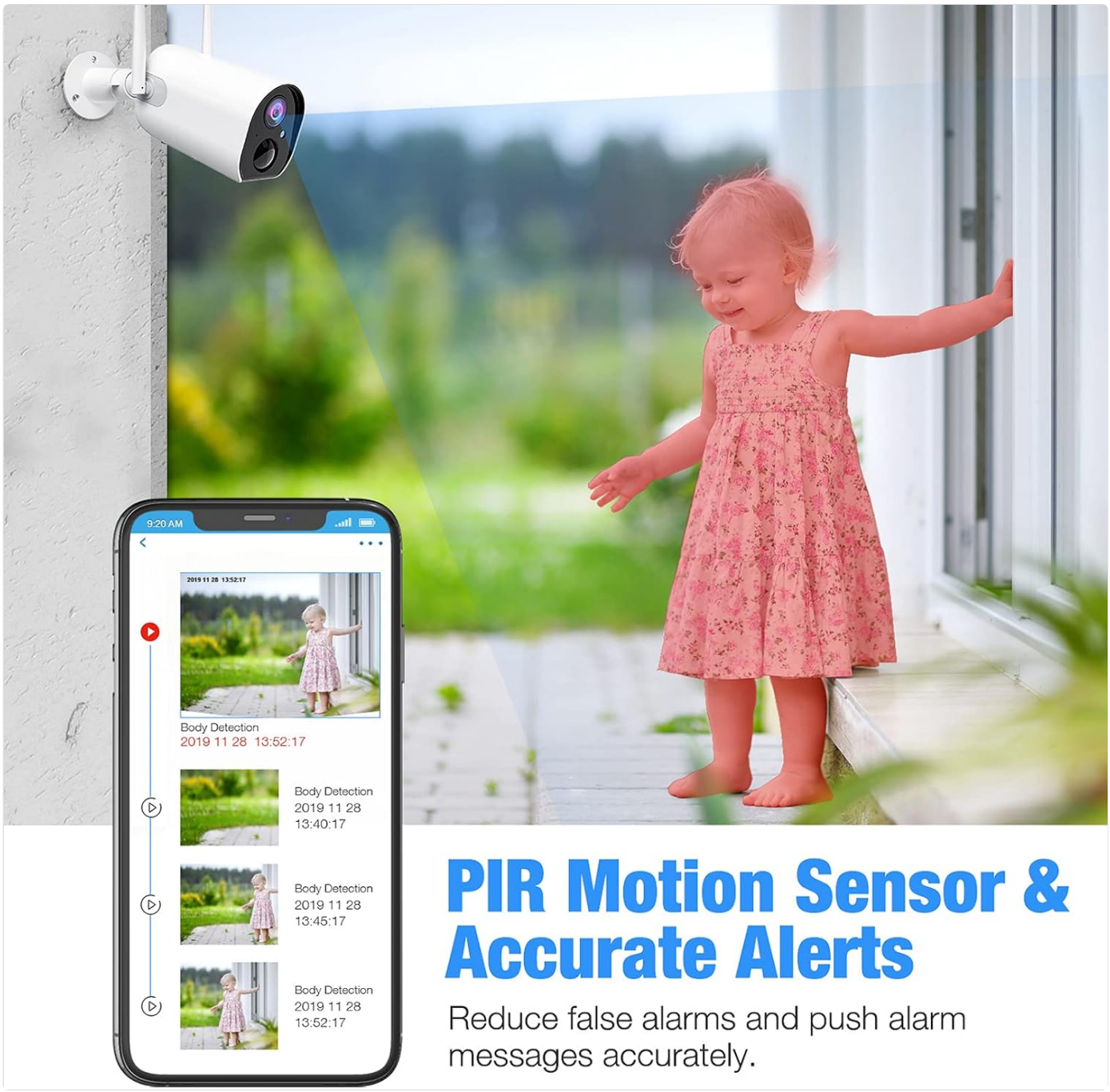


Figure 4: Wire-free installation allows flexible placement.



Figure 5: Recommended mounting height and angle for best coverage.

5. Operation

5.1 Live View

Once connected, you can access a live video feed from your camera through the mobile application at any time. This allows you to monitor your property in real-time.

Your browser does not support the video tag.

Video 1: Demonstrates key features including PIR motion detection, two-way conversation, live streaming, and IP65 waterproofing.

5.2 Two-Way Audio

The camera features a built-in microphone and speaker, enabling two-way communication. Use this feature through the app to speak with visitors or deter unwanted guests.



Figure 6: Communicate with people in front of the camera using two-way audio.

5.3 Motion Detection & Alerts

The PIR motion sensor detects human movement and sends instant notifications to your phone. You can adjust the sensitivity settings in the app to minimize false alarms.

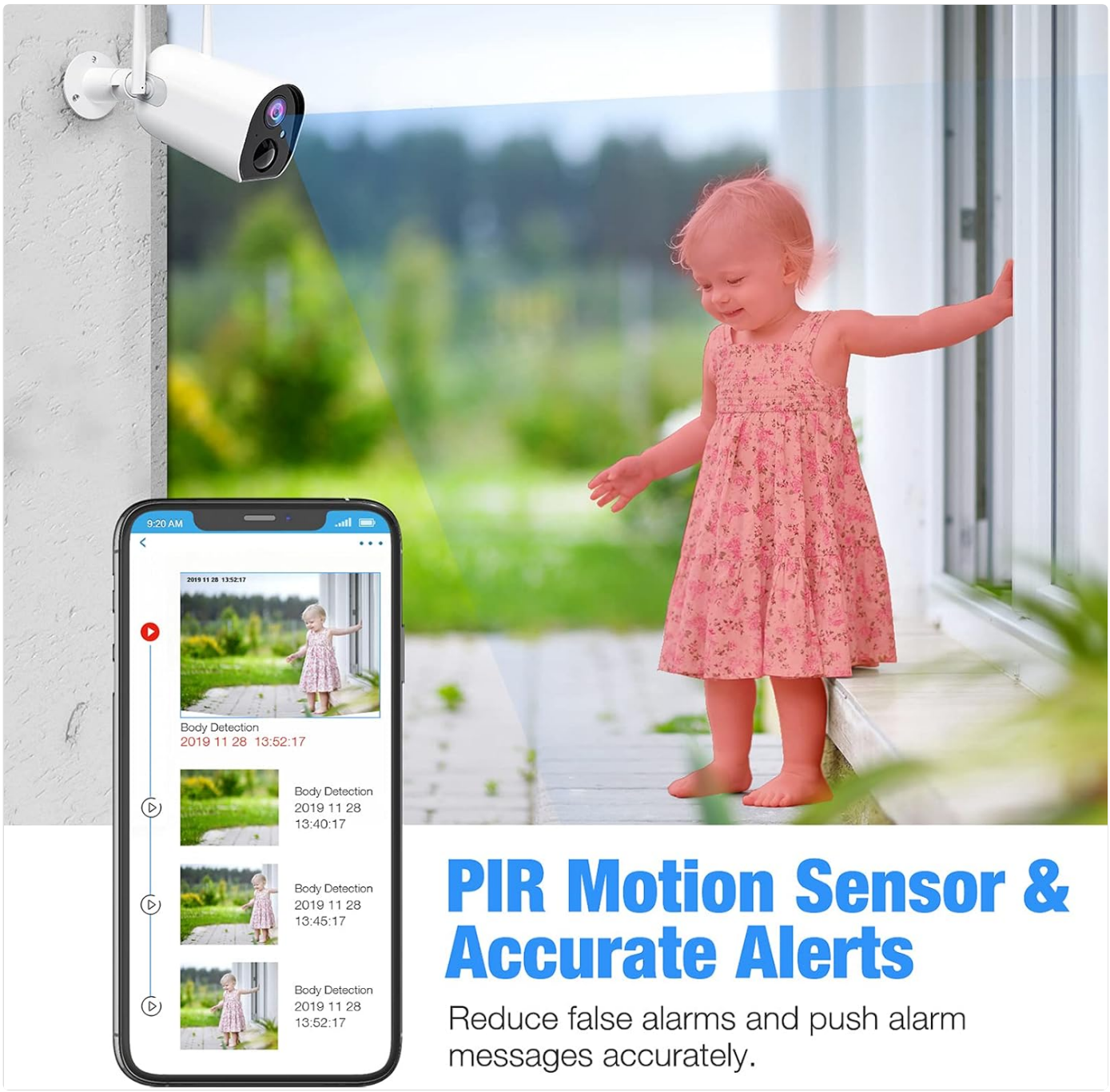


Figure 7: Receive accurate alerts for detected motion.

5.4 Night Vision

The camera automatically switches to night vision mode in low-light conditions, providing clear black and white video up to 50 feet away.



Figure 8: Clear night vision for 24/7 monitoring.

5.5 Recording & Storage

The camera supports local storage via an SD card (not included) and cloud storage options (subscription may be required). Recorded events can be reviewed through the mobile application.



Figure 9: Supports both cloud and SD card storage.

6. Maintenance

6.1 Battery Management

The solar panel is designed to provide continuous charging to the camera's battery. Ensure the solar panel is placed in an area that receives ample direct sunlight throughout the day for optimal performance. If the camera's battery level drops significantly, you may need to manually charge it via the USB port.

6.2 Cleaning

Periodically clean the camera lens and the solar panel surface with a soft, damp cloth to ensure clear image quality and efficient solar charging. Avoid using harsh chemicals or abrasive materials.



Figure 10: The IP65 rating ensures durability against weather elements.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Camera won't connect to Wi-Fi.	Incorrect Wi-Fi band (5GHz), weak signal, incorrect password.	Ensure you are connecting to a 2.4GHz Wi-Fi network. Move the camera closer to the router. Double-check Wi-Fi password.
Short battery life.	Frequent motion detections, low sunlight for solar panel, cold weather.	Adjust PIR sensitivity to reduce unnecessary recordings. Ensure solar panel receives direct sunlight. Charge manually if needed. Battery performance can be affected by extreme cold.
False motion alerts.	PIR sensitivity too high, environmental factors (e.g., swaying branches, insects).	Lower the PIR sensitivity in the app. Adjust camera angle to exclude areas with frequent non-human motion.
Poor image quality.	Dirty lens, low light, network issues.	Clean the camera lens. Ensure adequate lighting for optimal daytime video. Check Wi-Fi signal strength.

8. Specifications

Feature	Detail
Model Name	ZS-GX6S
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	1080p
Viewing Angle	120°
Connectivity Technology	Wireless (Wi-Fi 2.4GHz only for setup)
Power Source	Rechargeable Battery (5000 mAh) & Solar Powered
Night Vision Range	Up to 50 feet
International Protection Rating	IP65 Weatherproof
Operating Temperature	-20°C to 50°C
Material	Metal
Item Dimensions (L x W x H)	4.65 x 2.2 x 2.83 inches
Item Weight	1.43 pounds

9. Warranty and Support

For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official SEHMUA website. Keep your purchase receipt for warranty claims.

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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.

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