ieGeek ZS-GX3S

ieGeek ZS-GX3S / ZY-C2 Wireless Security Camera User Manual

Your comprehensive guide to setting up, operating, and maintaining your ieGeek Security Camera.

1. Introduction

The ieGeek ZS-GX3S / ZY-C2 is a 2K 3MP battery-powered wireless outdoor security camera designed for comprehensive home security. It features a spotlight, siren alarm, 2-way audio, color night vision, and AI detection capabilities. This manual provides detailed instructions to help you maximize the camera's performance and ensure optimal security for your property.



Figure 1: ieGeek ZS-GX3S Wireless Security Camera Overview

Product Features:

- **2K 3MP QHD Video:** Captures clear and detailed images, 1.5 times more detail than traditional 1080p cameras.
- **Color Night Vision:** Equipped with 2 PIR LEDs and 2 white lights for enhanced night visibility up to 33ft.
- **AI & PIR Motion Detection:** Advanced detection mechanism identifies people, records video, and sends real-time alarm notifications (0.2s-3s).
- **Spotlight & Siren Alarm:** Activates upon motion detection to deter unwanted visitors.

- **2-Way Audio:** Allows for real-time communication through the camera.
- **100% Wireless & Rechargeable:** Easy installation without cables, suitable for indoor and outdoor use.
- **IP65 Waterproof:** Designed to withstand rain and snow, ensuring reliable outdoor performance.
- **Works with Alexa:** Seamless integration for voice control.

2. Setup Guide

Follow these steps to set up your ieGeek security camera.

2.1. Initial Charging

Before first use, fully charge the camera for 8-10 hours using a 5V 2A power adapter. It is recommended to charge the camera indoors for at least half an hour before initial use, especially if the environment is below 0°C.

2.2. App Download and Account Registration

1. Download the 'ieGeek Cam' or 'CloudEdge' app from your device's App Store (iOS) or Google Play Store (Android).
2. Register a new account using your email address and follow the in-app instructions.
3. Ensure to grant necessary permissions (e.g., mobile cellular data, Wi-Fi access, push notifications) for the app to function correctly.

2.3. Connecting to Wi-Fi

The ieGeek camera only supports **2.4 GHz Wi-Fi networks**. It does not support 5 GHz networks. Ensure your Wi-Fi signal strength is strong in the installation area.

1. Open the ieGeek Cam app and tap 'Add Device' or the '+' icon.
2. Select 'Battery Camera' from the device list.
3. Power on the camera by pressing and holding the power button for 5 seconds.
4. Follow the on-screen prompts to connect the camera to your 2.4 GHz Wi-Fi network. You will be asked to input your Wi-Fi password.
5. Scan the QR code displayed on your phone screen with the camera lens (hold 3-6 inches away).
6. Wait for the connection to complete. The camera will indicate successful connection.

Video: ieGeek ZS-GX3S Camera Introduction. This video provides a visual guide to the initial setup and connection process.

2.4. Installation Guides

The camera comes with a versatile mounting bracket for easy installation.

- **Mounting Height:** For optimal motion detection and weatherproof performance, install the camera 2-3 meters (7-10 feet) above the ground.
- **PIR Detection Range:** The detection range of the motion sensor is maximized at the recommended height.
- **Mounting Flexibility:** The bracket allows for tilting up/down and left/right adjustments. It can be mounted to a surface using the provided screws and plugs.

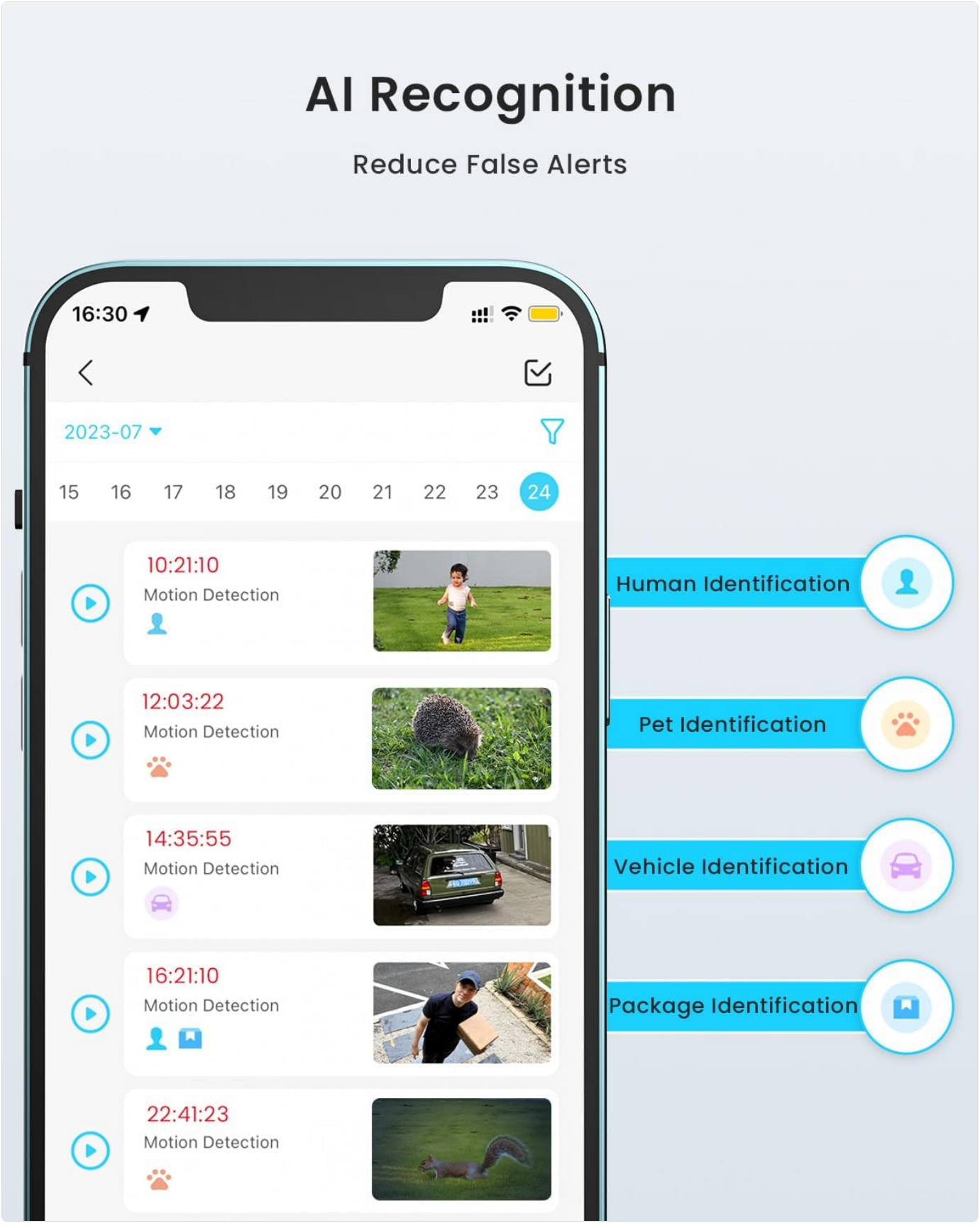


Figure 2: Smarter Connection - Connect your camera to various devices.

3. Operating Your Camera

Understand the key functionalities of your ieGeek security camera.

3.1. Live View and Recording

Access live video feed and recorded footage through the 'ieGeek Cam' app. The camera offers 2K QHD resolution for superior clarity.



Figure 3: Comparison of 2K vs 1080p Image Quality.

3.2. Night Vision

The camera provides both infrared and color night vision options, allowing clear monitoring even in low-light conditions up

to 33 feet.



Figure 4: Color Night Vision in action.

Video: ieGeek ZS-GX5 - Day & Night Vision. Demonstrates the camera's performance in varying light conditions.

Video: ieGeek ZS-GX3S - Color Night Vision. Highlights the camera's ability to capture color footage at night.

3.3. Motion Detection and Alerts

The camera utilizes AI and PIR (Passive Infrared) motion detection to accurately identify movement and send instant alerts to your device. It can differentiate between humans, pets, vehicles, and packages to reduce false alarms.

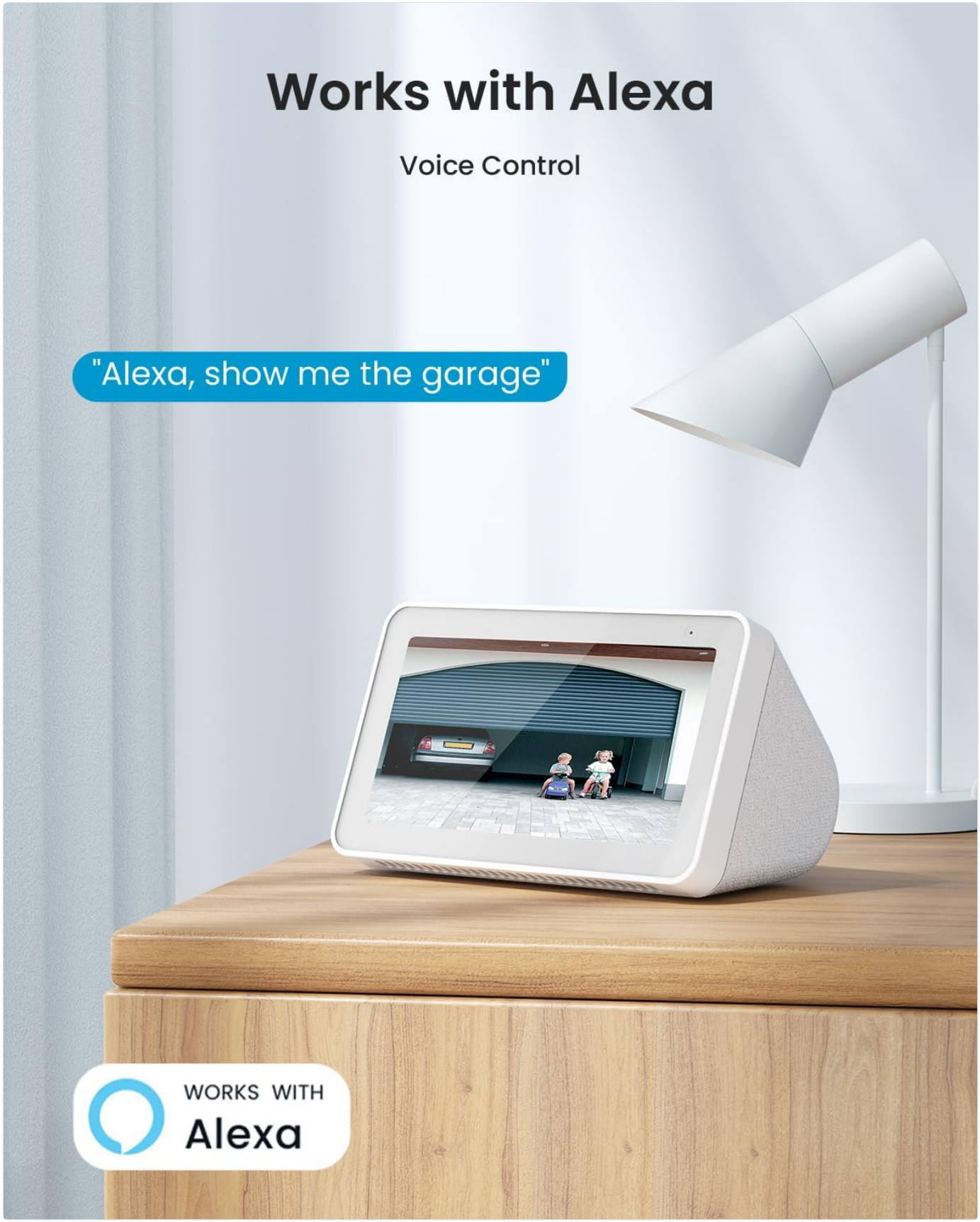


Figure 5: AI Recognition reduces false alerts by identifying specific objects.

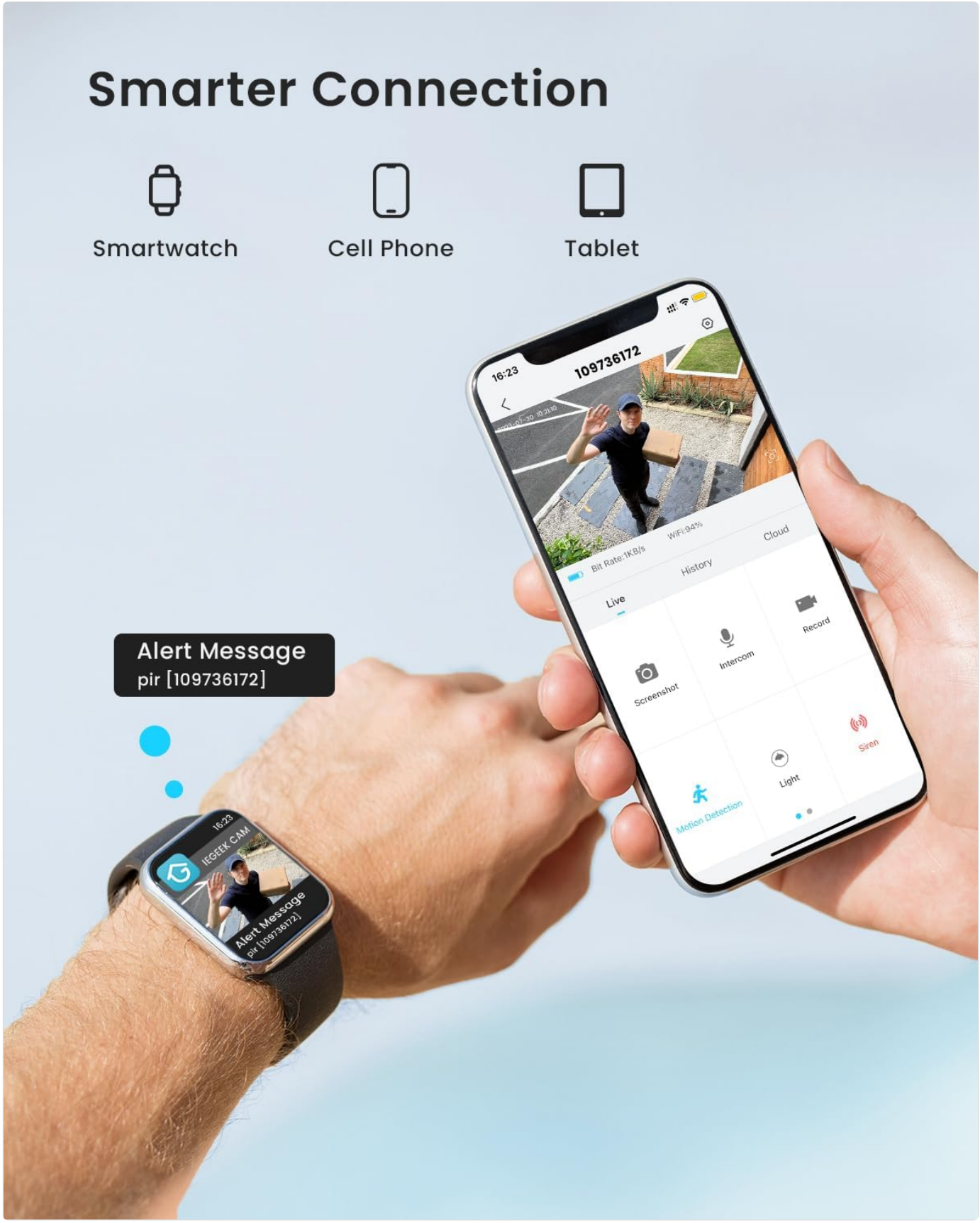


Figure 6: PIR Motion Detection triggers siren and spotlight for instant alerts.

Video: ieGeek ZS-GX5 - Capturing wild animals! Shows the camera's motion detection capturing wildlife.

Video: ieGeek ZS-GX5 - Dog in Backyard. Demonstrates motion detection with a pet in the backyard.

Video: ieGeek ZS-GX5 - Observing Pets in the yard. A short clip showing the camera's ability to observe pets.

3.4. Two-Way Audio

The built-in microphone and speaker enable clear two-way communication, allowing you to speak with visitors or deter intruders directly through the app.



Figure 7: Respond in Real-Time with 2-Way Audio.

3.5. Smart Home Integration

The ieGeek camera is compatible with Alexa, allowing for convenient voice control and integration into your smart home ecosystem.



Figure 8: Control your ieGeek camera with Alexa voice commands.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your camera.

4.1. Battery Management

- The camera is powered by a rechargeable battery. Monitor battery levels via the app.
- Recharge the camera using the provided USB cable and a 5V 2A power adapter.
- For continuous charging, consider using an ieGeek solar panel (sold separately) to keep the battery topped up.

4.2. Weather Protection

The camera has an IP65 waterproof rating, making it suitable for outdoor use in various weather conditions. Ensure the rubber cover for the charging port is securely closed to maintain its waterproof integrity.



Figure 9: The camera is designed to work under any condition, rain or shine.

4.3. Storage Options

The camera supports dual storage modes:

- **SD Card:** Supports up to 128GB Micro SD card (not included). Ensure the card is formatted before use (can be done via the app).
- **Cloud Storage:** Free lifetime cloud storage base service is available, recording 6-second clips with 7-day loop

coverage.

5. Troubleshooting

Here are solutions to common issues you might encounter.

5.1. Camera Fails to Connect to Wi-Fi

- Ensure your Wi-Fi network is **2.4 GHz**. The camera does not support 5 GHz Wi-Fi.
- Verify the Wi-Fi password is entered correctly. Avoid special characters in the password.
- Check the Wi-Fi signal strength at the camera's location. A signal strength of over 75% is recommended.
- If the camera cannot connect, try re-downloading the app, resetting the camera, and restarting your router. Then, add the camera again.

5.2. Motion Detection Issues

- **False Alarms:** Avoid pointing the camera towards bright lights, direct sunlight, or heat sources (e.g., air conditioners, humidifiers) that might trigger false alerts.
- **Missed Detections:** Ensure the camera is installed at the recommended height (2-3 meters) for optimal PIR sensor performance. If a moving object approaches the PIR sensor vertically, detection may be less reliable.
- Adjust sensitivity settings in the app (Low, Medium, High) to suit your environment.

5.3. Battery Drains Quickly

- Ensure the camera was fully charged for 8-10 hours before its first use.
- Frequent motion detections and live view access can consume battery faster. Adjust detection sensitivity and recording duration in the app.
- Extreme cold weather can affect battery performance.

5.4. Mounting Stability

Ensure the mounting bracket is securely fastened to the wall or surface. The ball joint mechanism should be tightened sufficiently to prevent the camera from wobbling or shifting position after adjustment.

6. Specifications

Feature	Specification
Model Name	ZS-GX3S (also ZY-C2)
Indoor/Outdoor Usage	Outdoor
Power Source	Battery Powered (2 Lithium Ion batteries included)

Feature	Specification
Connectivity Protocol	Wi-Fi (2.4 GHz only)
Video Capture Resolution	2K (3 MP Maximum Webcam Image Resolution)
Night Vision Range	33 Feet (Color Night Vision)
Field Of View	130 Degrees
Alert Type	Audio and Motion
International Protection Rating	IP65
Control Method	App
Item Weight	12.6 ounces
Product Dimensions	6.3 x 5.91 x 354.33 inches

7. Warranty and Support

ieGeek is committed to providing high-quality products and excellent customer service.

7.1. Warranty Policy

- **2-Year Quality Guarantee:** Your ieGeek camera comes with a 2-year warranty.
- **Repair/Replacement:** Products can be repaired or replaced at no cost if issues arise within the warranty period.
- **30-Day Free Returns:** Extended returns policy from one month to 12 months.

7.2. Technical Support

For any assistance with installation, usage, or product issues, please contact ieGeek's after-sales team.

- **24-Hour Technical Support:** Expect a response within 24 hours on business days.
- **Email Support:** service@iegeek.com
- **Online Support:** Visit the ieGeek website or use the in-app support center.

Please register your camera within 10 days of receipt to ensure your purchase is 100% covered.

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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

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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

Answered questions about this manual

How do I disassemble the ieGeek ZS-GX3S security camera to replace the internal battery if it no longer turns on?

According to the official ieGeek ZS-GX3S manual, the device is designed with a built-in battery that cannot be removed. There are no official disassembly instructions provided, as opening the casing typically compromises the IP65...

Read full answer