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## ieGeek ZS-GX1S

# ieGeek 2K Solar Outdoor Security Camera User Manual

Model: ZS-GX1S

## 1. Introduction

Thank you for choosing the ieGeek 2K Solar Outdoor Security Camera. This device is designed to provide reliable and comprehensive surveillance for your outdoor spaces, featuring solar power for continuous operation, high-definition video, advanced motion detection, and versatile control options. This manual will guide you through the setup, operation, and maintenance of your camera to ensure optimal performance and security.




Image: The ieGeek 2K Solar Outdoor Security Camera, showcasing its main unit with two antennas, a detached solar panel, and a smartphone displaying a live feed.

## 2. Package Contents

Please check the package contents carefully. If any items are missing or damaged, please contact customer support.

- ieGeek 2K Solar Outdoor Security Camera
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

## 3. Product Overview

The ieGeek 2K Solar Outdoor Security Camera is designed for robust outdoor surveillance. Key features include:

- **2K Super HD Resolution:** Captures clear and detailed video footage.
- **355° Pan & 120° Tilt:** Provides extensive coverage with remote control.
- **Solar-Powered & Wireless:** Equipped with a built-in battery and solar panel for continuous, wire-free operation.
- **Color Night Vision:** Offers full-color video even in low-light conditions.
- **PIR Motion Detection & AI Algorithm:** Reduces false alarms and accurately detects human, pet, package, and vehicle movement.
- **Two-Way Audio:** Allows for real-time communication through the camera.
- **Multiple Alert Options:** Includes siren and spotlight alarms.
- **IP65 Weather Resistance:** Durable design for outdoor use in various weather conditions.
- **Flexible Storage:** Supports up to 128GB Micro SD card and cloud storage.
- **ieGeek Cam App:** Intuitive mobile application for control and monitoring.

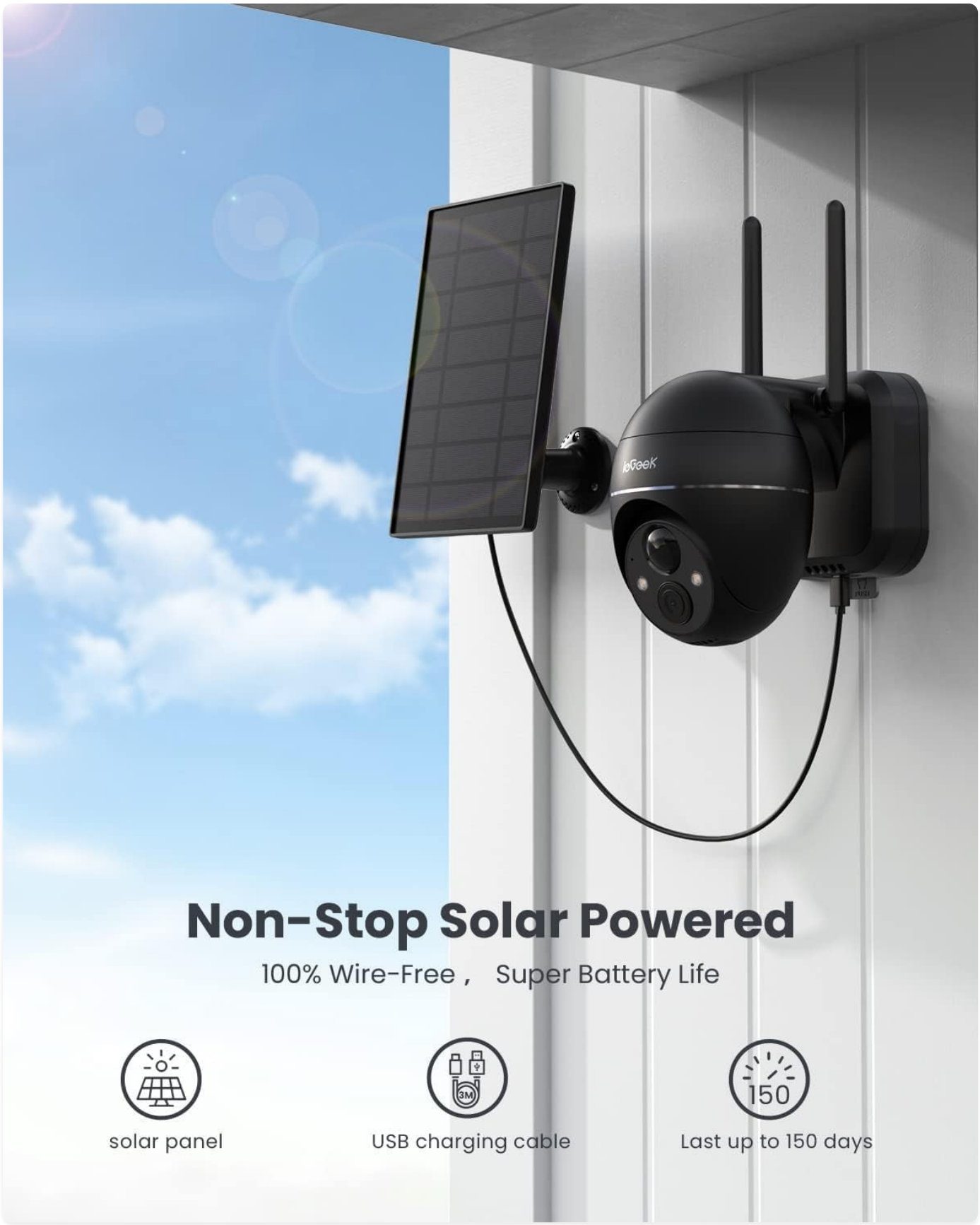



Image: The ieGeek camera mounted on an exterior wall with its solar panel, illustrating its non-stop solar-powered, 100% wire-free operation and long battery life.

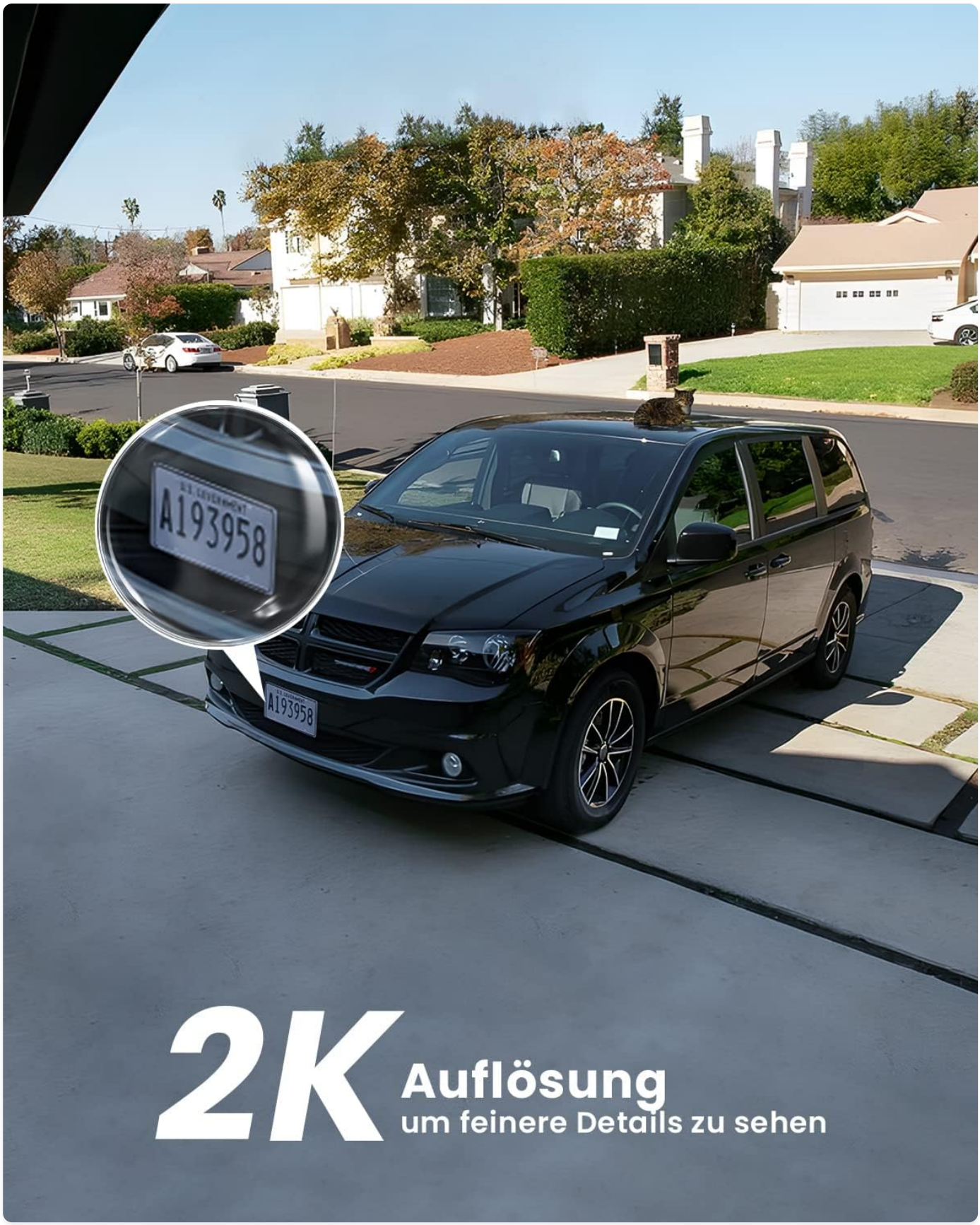



Image: A detailed view from the ieGeek camera, demonstrating its 2K resolution by clearly showing a license plate number on a parked car.




Image: The ieGeek camera illustrating its 355-degree pan and 120-degree tilt rotation, providing comprehensive surveillance coverage.

## 4. Setup

### 4.1 Initial Charging

Before first use, fully charge the camera's built-in battery using the provided USB cable and a standard 5V/2A USB power adapter (not included). The solar panel will maintain the charge once installed.

## 4.2 App Installation

Download the **ieGeek Cam** app from the App Store (iOS) or Google Play Store (Android). Search for "ieGeek Cam" and install the application.




Image: The ieGeek Cam app interface displayed on a tablet, smartphone, and smartwatch, showing its availability across multiple devices.

## 4.3 Wi-Fi Connection

1. Open the ieGeek Cam app and create an account or log in.
2. Tap the "+" icon to add a new device.
3. Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your camera is close to your router during the initial setup.
4. Scan the QR code displayed on your phone with the camera lens.




Image: An illustration showing the ieGeek camera's 4dBi WiFi connection, indicating strong signal coverage for a typical home environment.

## 4.4 Mounting the Camera

Choose a suitable location for mounting the camera and solar panel. Ensure the solar panel receives adequate sunlight throughout the day. The camera is IP65 weather-resistant, suitable for outdoor installation.

1. Mark the drilling positions using the mounting bracket as a template.

2. Drill holes and insert wall anchors if necessary.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the bracket and adjust the angle as needed.
5. Mount the solar panel in a sunny location and connect its cable to the camera.




Image: The ieGeek camera mounted outdoors on a stone wall during light rain, demonstrating its IP65 weather resistance.

# 5. Operating the Camera

## 5.1 Live View and Playback

Access the live feed from your camera via the ieGeek Cam app. You can also review recorded footage stored on the Micro SD card or in the cloud.

## 5.2 Pan, Tilt, and Zoom (PTZ) Control

Use the controls within the app to remotely pan (355°), tilt (120°), and digitally zoom (4x) the camera lens to adjust your viewing area.

## 5.3 Motion Detection and Alerts

The camera utilizes PIR motion detection and an advanced AI algorithm to identify specific objects like people, pets, packages, and vehicles. You can customize detection sensitivity and set specific detection zones within the app.

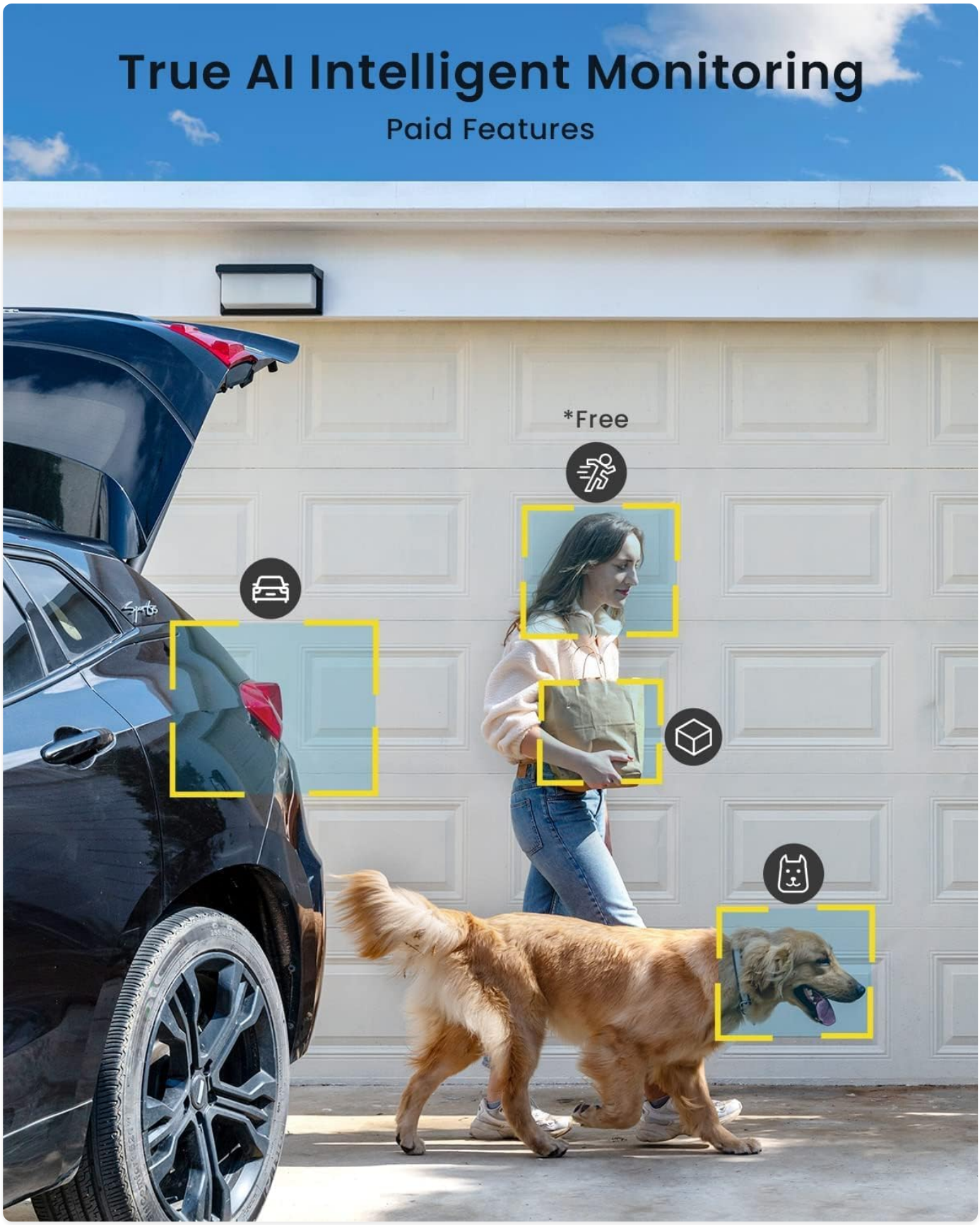



Image: The ieGeek camera's AI intelligent monitoring feature, showing it detecting and outlining a person, a dog, and a car in a driveway.

When motion is detected, you will receive real-time notifications on your phone. The camera offers various alert options:

- **Sirene:** Activates an audible siren.
- **Spotlight:** Turns on the integrated spotlight.
- **Sirene & Spotlight:** Activates both for maximum deterrence.

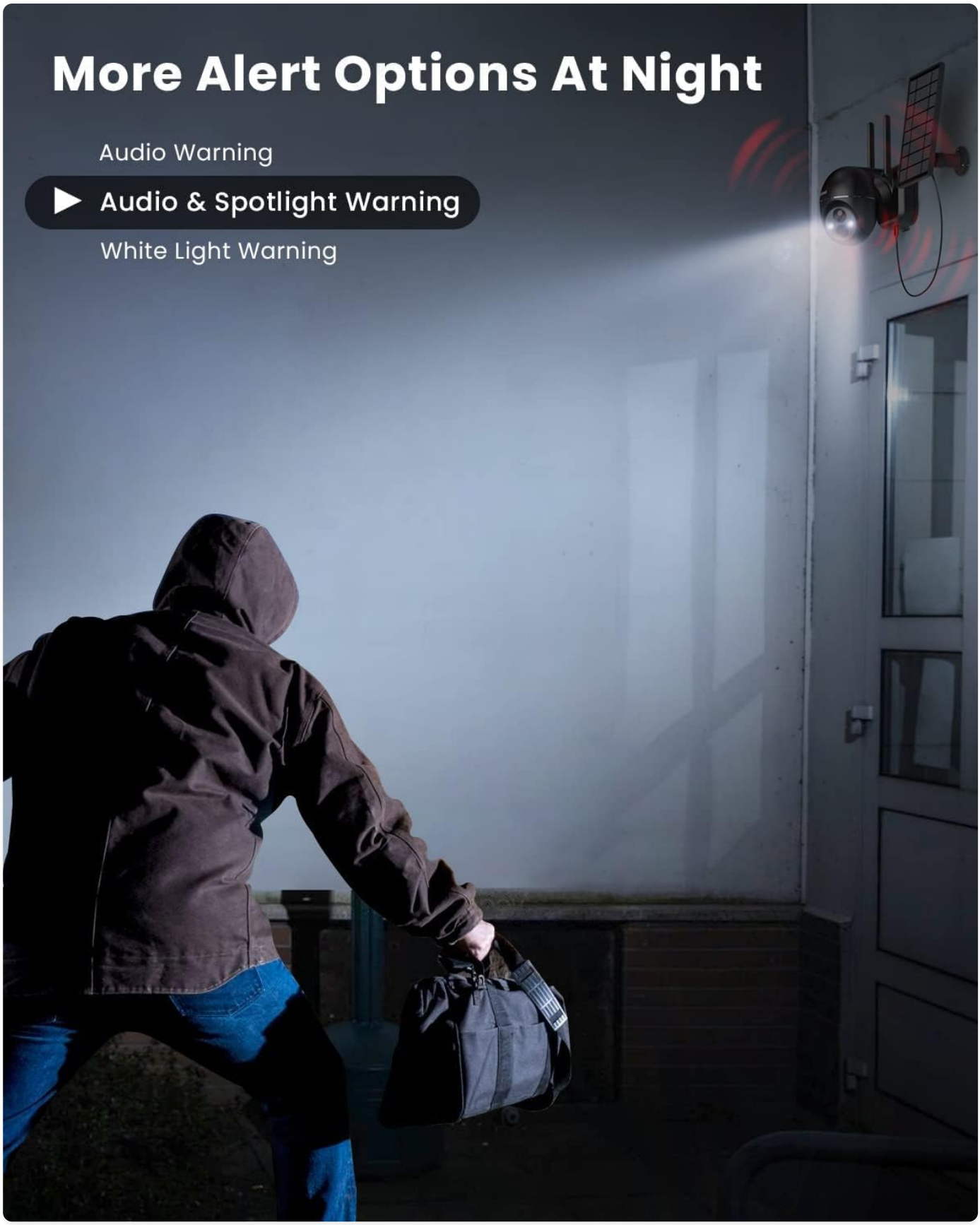



Image: An illustration showing the ieGeek camera's alert options at night, including audio warning, audio and spotlight warning, and white light warning, aimed at deterring intruders.

### 5.4 Two-Way Audio

The built-in microphone and speaker allow you to listen in and speak through the camera, enabling communication with visitors or deterring unwanted guests.




Image: A woman using the ieGeek Cam app on her smartphone to engage in two-way audio communication with someone at her front door, receiving a package.

## 5.5 Storage Options

The camera supports local storage via a Micro SD card (up to 128GB, not included) and secure cloud storage services. Cloud storage offers encrypted data protection.



Image: A close-up of the ieGeek camera showing its Micro SD card slot, indicating support for up to 128GB storage.




Image: An illustration depicting the ieGeek Cloud service, showing a cloud icon connected to a smartphone displaying video playback, indicating cloud storage functionality.

### 5.6 Multi-User Access and Alexa Integration

Share camera access with family members through the app. The camera also supports integration with Amazon Alexa for voice control and viewing on compatible smart displays.

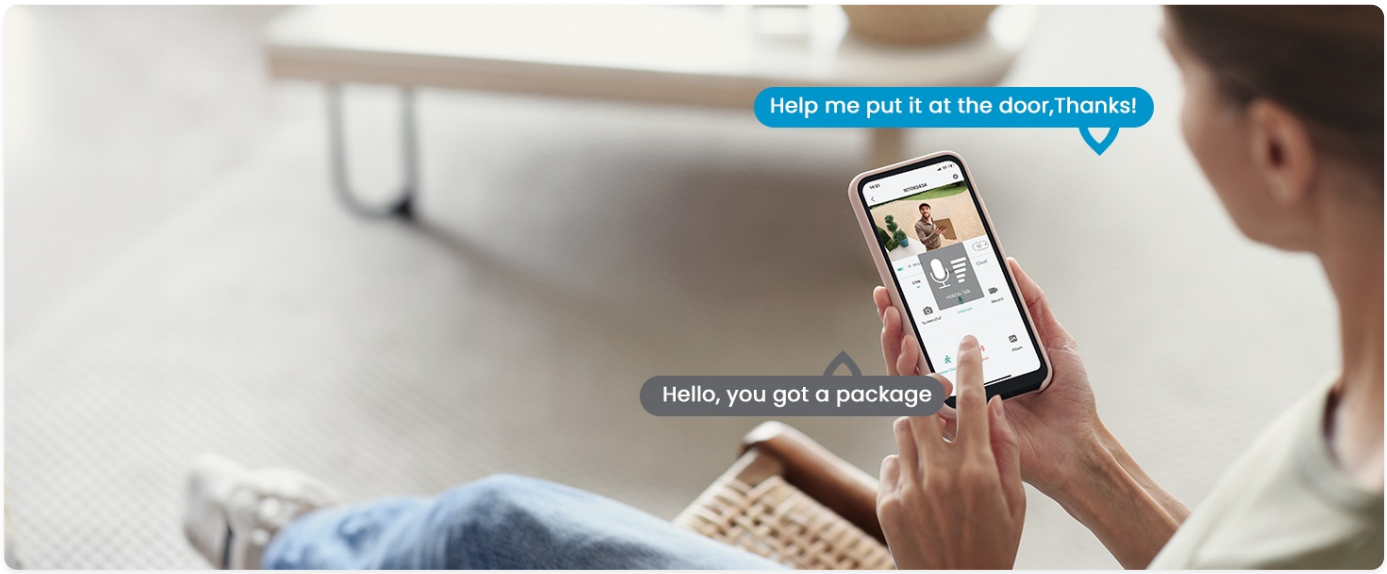



Image: An Amazon Echo Show displaying the live feed from an ieGeek camera, with speech bubbles indicating voice commands like "Alexa, switch to door," demonstrating compatibility with Alexa.

## 6. Maintenance

### 6.1 Cleaning

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

### 6.2 Battery Care

The integrated solar panel is designed to keep the battery charged. In periods of prolonged low sunlight, you may need to

manually charge the camera using the USB cable.

### 6.3 Firmware Updates

Periodically check the ieGeek Cam app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Camera offline | Weak Wi-Fi signal, low battery, router issues. | Check Wi-Fi signal strength, recharge battery, restart router. |
| Motion detection not working | Incorrect sensitivity settings, detection zone not set, obstructions. | Adjust sensitivity in app, define detection zones, clear obstructions. |
| Poor image quality | Dirty lens, low light, network bandwidth. | Clean lens, ensure adequate lighting, check network speed. |
| Battery not charging | Insufficient sunlight on solar panel, faulty cable. | Relocate solar panel to a sunnier spot, try a different USB cable. |

## 8. Specifications

| Feature | Specification |
|---|---|
| Model Number | ZS-GX1S |
| Video Resolution | 2K (2048x1536 pixels) |
| Pan Angle | 355 Degrees |
| Tilt Angle | 120 Degrees |
| Power Source | Solar Powered |
| Connectivity | Wi-Fi (2.4GHz) |
| Storage | Micro SD Card (up to 128GB), Cloud Storage |
| Weather Resistance | IP65 |
| Batteries | 2 Lithium-Ion Batteries (included) |
| Material | Metal |
| Item Weight | 1.04 Kilograms |

## 9. Warranty & Support

ieGeek offers a 2-year warranty for this product. For any technical assistance, troubleshooting, or warranty claims, please contact ieGeek customer support.

**Email:** Refer to your product packaging or the ieGeek Cam app for contact details.

**Online Support:** Visit the official ieGeek website for FAQs and support resources.




Image: An icon indicating ieGeek's 2-year warranty and available after-sales support via phone, email, and online resources.

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Model number, symptoms, what you tried, or the section of the manual you are using.

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