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ieGeek ZS-GQ1

ieGeek S2 3000 Pan Outdoor Surveillance Camera User Manual

Model: ZS-GQ1

1. Introduction

Thank you for choosing the ieGeek S2 3000 Pan Outdoor Surveillance Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new security camera. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image: ieGeek S2 Camera with its magnetic mount and a smartphone displaying the live 2K video feed.

2. Product Features

- **1-Second Magnetic Installation:** Features a strong magnetic base for quick and secure attachment to metal surfaces. Includes an iron block base sticker for versatile installation without drilling.
- **3000 Pan & Long Battery Life:** Offers 3000 horizontal rotation for comprehensive coverage. Equipped with a 5200mAh battery providing 1-3 months of operation on a single charge.
- **2K 3MP HD & Color Night Vision:** Captures clear 2K (3MP) high-definition video. Features infrared night vision up to 15 meters and advanced color night vision for enhanced clarity in low-light conditions.
- **PIR Motion Detection & Alarms:** Utilizes intelligent PIR human detection to minimize false alarms. Sends instant alerts to your phone and can activate a siren and strong light alarm upon detection.
- **Wi-Fi 6 & Cloud Storage:** Incorporates the latest Wi-Fi 6 chip for improved data transmission speed and enhanced data privacy. Offers free 6-second cloud storage (7-day coverage) and supports up to 128GB local storage via microSD card (not included).
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication with visitors or intruders.
- **Weatherproof Design:** Rated waterproof, resistant to rain, snow, and stormy weather, operating effectively in temperatures from -200C to 500C.
- **Alexa Compatibility:** Seamlessly integrates with Amazon Alexa for voice control and live view streaming on compatible devices.

3. Package Contents

Please check your package contents against the packing list provided with your product. Typically, the package includes:

- ieGeek S2 Surveillance Camera
- Magnetic Mounting Base
- Iron Block Base Sticker (for non-metal surfaces)
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual

4. Setup and Installation

4.1 Initial Setup

1. **Charge the Camera:** Before first use, fully charge the camera using the provided USB cable.
2. **Download the App:** Search for and download the "ieGeek Cam" app from your smartphone's app store (iOS or Android).
3. **Register/Log In:** Open the app and follow the on-screen instructions to register a new account or log in if you already have one.
4. **Add Device:** In the app, tap the "+" icon to add a new device. Select your camera model and follow the in-app prompts to connect the camera to your 2.4GHz Wi-Fi network. Ensure your Wi-Fi signal is strong at the installation location.



Image: Simple 3-step setup process: Download the ieGeek Cam app, connect to 2.4GHz Wi-Fi, and begin recording.

4.2 Mounting the Camera

The ieGeek S2 camera offers flexible installation options:

- **Magnetic Mounting (Recommended):** Attach the magnetic base to a suitable metal surface. The camera will securely snap onto the magnetic base. For non-metal surfaces, use the included iron block base sticker first, then attach the magnetic base to it.
- **Screw Mounting:** For permanent installation or if no metal surface is available, use the provided screws and wall plugs to secure the magnetic base to a wall or ceiling. Then, attach the camera to the magnetic base.



Image: Magnetic foot simplifies installation, allowing attachment without drilling.



Image: Illustration of Method 1 (magnetic attachment with adhesive) and Method 2 (drilling and screw mounting).

The camera is suitable for various locations, including outdoor areas (front door, backyard, garage) and indoor spaces.



Image: Examples of suitable installation locations: outdoor (front door, garage) and indoor (shelf, pet monitoring).

5. Operating Instructions

5.1 Live View and Pan Control

Open the ieGeek Cam app and select your camera to view the live feed. Use the on-screen controls to pan the camera horizontally up to 3000, allowing you to monitor a wider area without blind spots.



Image: The camera's 3000 pan capability extends your view, providing all-round surveillance without dead angles.

5.2 Motion Detection & Alerts

The camera's PIR motion detection system is designed to accurately detect human movement and reduce false alarms. When motion is detected, you will receive instant notifications on your smartphone. You can configure the camera to activate a siren alarm, a strong light warning, or both.



Image: PIR motion detection sends immediate warnings, including siren alarm, strong light warning, or both.

The camera also features AI recognition to further reduce false alarms, distinguishing between humans, pets, and vehicles.

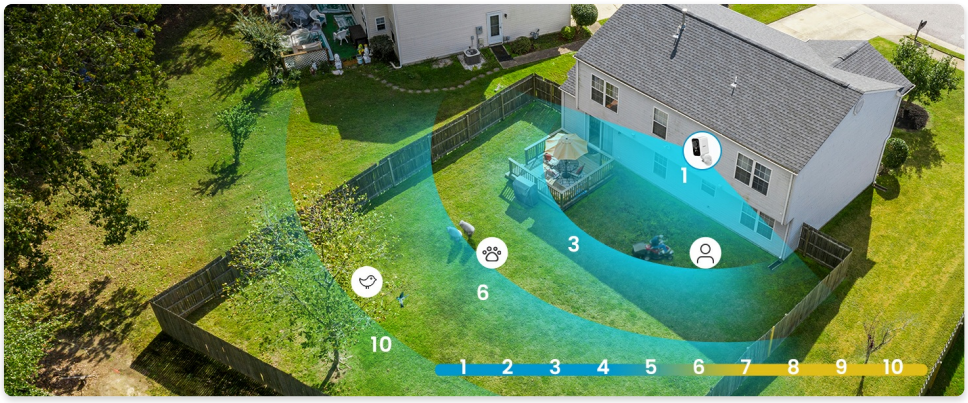


Image: AI detection function reduces 99% of false alarms by accurately identifying relevant events.

5.3 Night Vision

The camera supports both infrared night vision for clear black-and-white images in complete darkness and color night vision, which uses the integrated spotlight to provide full-color video even at night.



Image: 2K Ultra HD Color Night Vision with a 10M long distance capability, showing comparison between color and infrared night vision.

5.4 Two-Way Audio

Use the two-way audio feature to communicate through the camera. Tap the microphone icon in the app to speak, and listen through the camera's speaker.

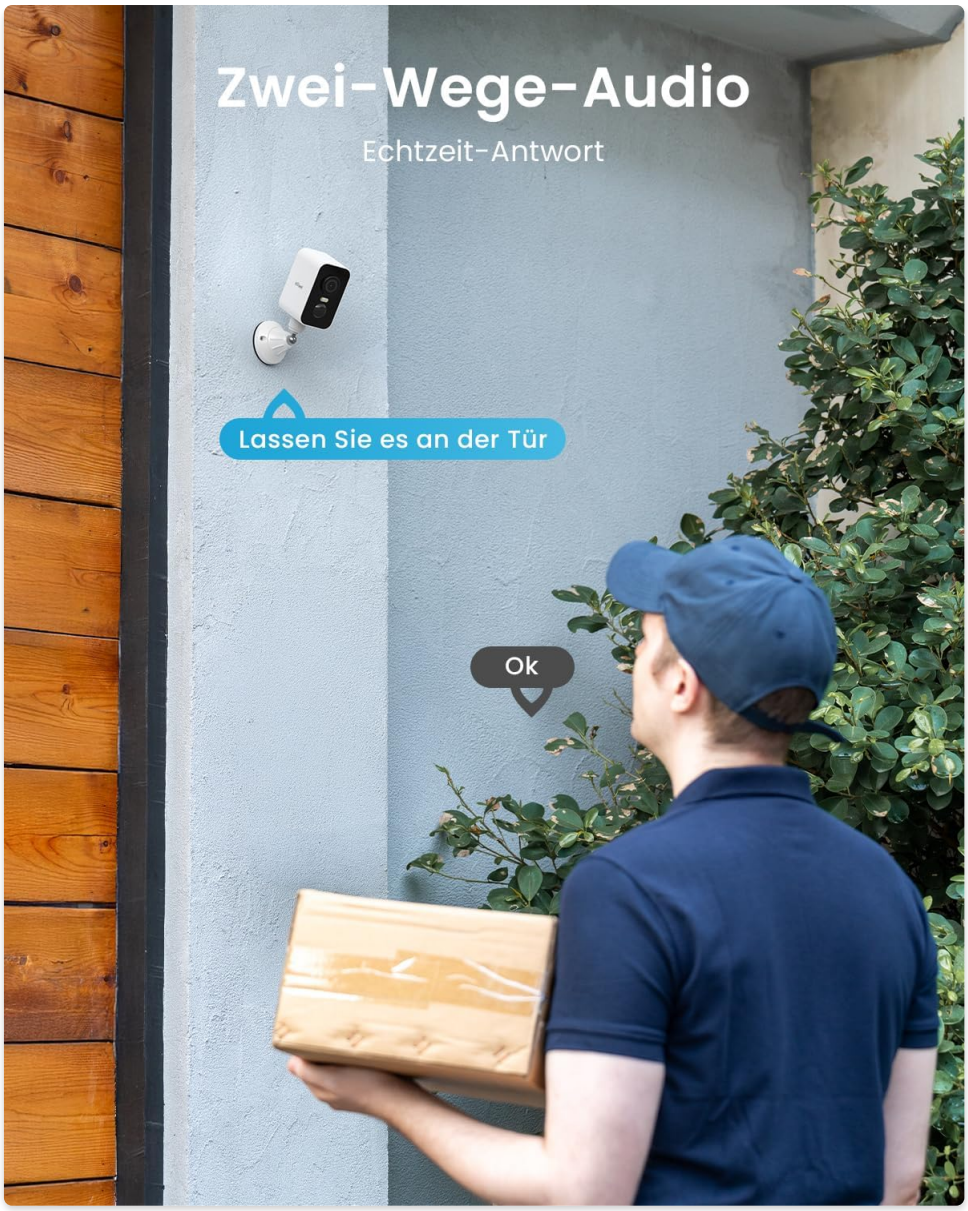


Image: Two-way audio allows real-time communication, enabling you to speak with someone at your door.

5.5 Storage Options

The camera supports both cloud storage and local storage:

- **Cloud Storage:** Enjoy free 6-second loop cloud storage for 7 days. Longer plans may be available through the app.
- **MicroSD Card:** Insert a microSD card (up to 128GB, not included) into the camera's slot for continuous or event-based local recording.

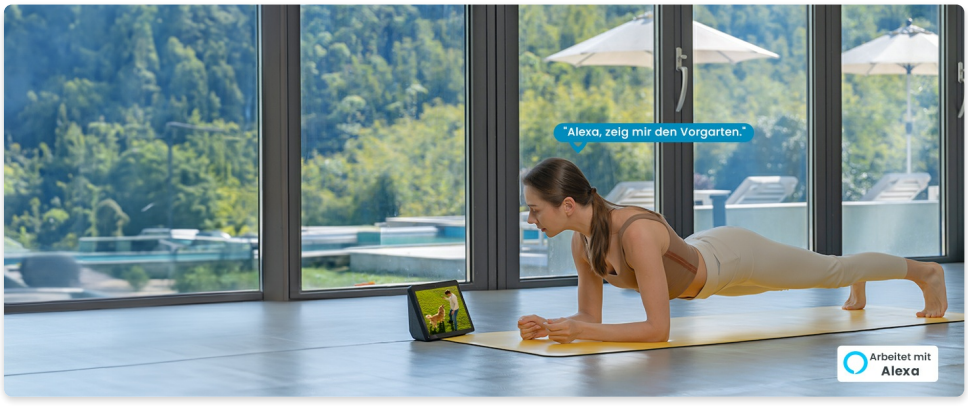


Image: The camera supports up to 128GB microSD card storage and offers free 6-second loop cloud storage.

5.6 Alexa Integration

Connect your ieGeek S2 camera to Amazon Alexa for convenient voice control. You can ask Alexa to show you the live feed from your camera on compatible Echo Show devices.



Image: The camera works with Alexa, allowing you to view your camera feed on compatible devices by voice command.

6. Maintenance

- **Cleaning:** Regularly wipe the camera lens and body with a soft, dry cloth to remove dust and smudges. Do not use harsh chemicals or abrasive cleaners.
- **Battery Charging:** Recharge the camera battery when prompted by the app or when the battery level is low. Use the provided USB cable and a standard 5V/1A or 5V/2A USB power adapter.
- **Firmware Updates:** Keep your camera's firmware updated through the ieGeek Cam app to ensure optimal performance and access to new features.
- **Environmental Protection:** While the camera is weatherproof, avoid prolonged exposure to extreme weather conditions if possible, such as direct strong sunlight or heavy storms, to extend its lifespan.



Image: The camera is waterproof and resistant to rain, snow, and stormy weather, operating from -200C to 500C.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera won't connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; Only 5GHz Wi-Fi available; Weak Wi-Fi signal.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Ensure your router supports 2.4GHz. Check Wi-Fi signal strength in the app.
Frequent false alarms	PIR sensitivity too high; Environmental factors (e.g., swaying trees, passing cars).	Adjust PIR sensitivity settings in the app. Utilize AI detection features. Set up activity zones to exclude irrelevant areas.
Battery drains quickly	Frequent motion detection; Live view accessed often; Extreme temperatures.	Reduce PIR sensitivity or frequency of recordings. Limit live view access. Ensure camera is within optimal operating temperature range.

Problem	Possible Cause	Solution
MicroSD card not recognized	Card not inserted correctly; Incompatible card; Card needs formatting.	Reinsert the card. Ensure it's a compatible class 10 or higher card (up to 128GB). Format the card via the app settings. Try a different card.
No night vision	Night vision feature disabled; Insufficient ambient light for color night vision.	Check night vision settings in the app. Ensure the spotlight is enabled for color night vision.

8. Specifications

Feature	Detail
Model Name	S2 (ZS-GQ1)
Video Resolution	2K (3MP), 2304 Effective Resolution
Viewing Angle	120 Degrees (Fixed)
Pan Rotation	300 Degrees Horizontal
Night Vision Range	15 Meters
Power Source	Battery Powered (5200mAh Lithium-Ion)
Connectivity	Wireless (Wi-Fi 6, 2.4GHz)
Storage	MicroSD Card (up to 128GB), Cloud Storage
Water Resistance	Waterproof
Operating Temperature	-200C to 500C
Dimensions (L x W x H)	5.7 x 5.3 x 10.5 cm
Weight	370 g
Compatible Devices	Smartphone (iOS/Android), Amazon Alexa

9. Warranty and Support

ieGeek products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official ieGeek website. If you encounter any issues or have questions regarding your ieGeek S2 camera, please contact ieGeek customer support for assistance. Customer support contact details can typically be found on the product packaging or the official ieGeek website.

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