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> ieGeek 5MP Outdoor Wi-Fi Security Camera User Manual (Model ZS-GQ4)

ieGeek ZS-GQ4

ieGeek 5MP Outdoor Wi-Fi Security Camera User Manual

Model: ZS-GQ4

Brand: ieGeek

1. INTRODUCTION

Thank you for choosing the ieGeek 5MP Outdoor Wi-Fi Security Camera. This manual provides essential information for the proper installation, operation, and maintenance of your camera. Please read these instructions carefully before use and retain them for future reference. This camera is designed to provide reliable outdoor surveillance with advanced features for enhanced security.

2. PRODUCT OVERVIEW

The ieGeek 5MP Outdoor Wi-Fi Security Camera offers high-definition monitoring with flexible connectivity and smart detection capabilities.

Key Features:

- **5MP HD Resolution:** Provides clear and vivid images and videos with 2880x1600 resolution and 4x digital zoom.
- **Dual-Band Wi-Fi (2.4/5 GHz):** Supports both 2.4 GHz and 5 GHz Wi-Fi for stable and faster network connection.
- **360° PTZ Monitoring:** Pan (355° horizontal) and Tilt (120° vertical) functionality allows for comprehensive area coverage.
- **Color Night Vision:** Three night vision modes (color, infrared, smart) with a range of up to 15 meters (50 feet).
- **PIR Humanoid Detection:** Advanced human detection reduces false alarms caused by non-human movements.
- **Sound and Light Alarm:** Deters intruders with customizable sound and light alerts.
- **24/7 Continuous Recording:** Supports continuous recording and event-based recording.
- **Local & Cloud Storage:** Compatible with Micro SD cards (up to 128GB, not included) and cloud storage options.
- **Multi-User Sharing:** Share camera access with family members via the dedicated app.
- **IP65 Weather Resistance:** Designed for outdoor use, resistant to dust and water.

Camera Components:

The camera unit typically includes the main camera body, dual Wi-Fi antennas, a power input port, and a Micro SD card slot.



Figure 2.1: ieGeek 5MP Outdoor Wi-Fi Security Camera (Model ZS-GQ4)

Ottieni 10 Funzionalità Indispensabili Contemporaneamente

5 MP FHD per un Ottimo Monitoraggio dei Dettagli



The image shows a white iGeek 5MP camera mounted on a wall. To the left of the camera, there is a list of 10 features, each with an icon and a text label. The features are:

- PTZ (with a 120°/355° icon)
- 24/7 Registrazione (with a clock icon)
- 2 Vie Audio (with a microphone icon)
- Tracciamento Automatico Umanoide (with a person icon)
- Funziona con Alexa (with a speech bubble icon)
- Archiviazione Locale e Cloud (with a cloud and lock icon)
- Condivisione Multiutente (with a person icon)
- Personalizza l'area di Avviso (with a gear icon)
- Rilevamento AI (with a person icon)
- Allarmi Acustici e Luminosi (with a bell icon)

Figure 2.2: Overview of iGeek 5MP Camera Features including PTZ, 24/7 recording, 2-way audio, humanoid tracking, Alexa compatibility, local and cloud storage, multi-user sharing, customizable alert areas, AI detection, and acoustic/light alarms.



The graphic features a large clock with the text "7 x 24 HOUR" in the center. To the right of the clock is a white iGeek camera. Below the clock and camera is a film strip showing five frames of a house at different times of day: daytime, dusk, and nighttime.

3. SETUP INSTRUCTIONS

3.1 Package Contents

- ieGeek 5MP Outdoor Wi-Fi Security Camera
- Power Adapter
- Mounting Screws and Anchors
- User Manual

3.2 App Download and Account Registration

1. Download the **ieGeek Cam** or **CloudEdge** app from your smartphone's app store (iOS/Android).
2. Register for an account using your email address and create a secure password.

3.3 Camera Connection

1. Power on the camera by connecting it to a power outlet using the provided adapter.
2. Open the ieGeek Cam/CloudEdge app and tap the "+" icon to add a new device.
3. Follow the on-screen instructions to connect the camera to your 2.4 GHz or 5 GHz Wi-Fi network. Ensure your phone is connected to the same Wi-Fi network during setup.
4. Scan the QR code displayed on your phone with the camera lens when prompted.
5. Once connected, you can name your camera and begin live viewing.



Figure 3.1: Connecting the power adapter to the camera.

3.4 Physical Installation

1. Choose a suitable outdoor location with a clear view and strong Wi-Fi signal.
2. Use the provided mounting template to mark drill holes.
3. Drill holes, insert anchors, and secure the camera base with screws.
4. Adjust the camera angle as needed.



Figure 3.2: Ensure optimal Wi-Fi signal strength at the chosen installation location for stable performance.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

- Open the ieGeek Cam/CloudEdge app and select your camera to view the live feed.
- Use the on-screen joystick or swipe gestures to control the camera's pan (horizontal 355°) and tilt (vertical 120°) movements.

Pan e Tilt

355° di Rotazione Orizzontale e
120° di Rotazione Verticale



Figure 4.1: Control the camera's 355° horizontal and 120° vertical rotation directly from your smartphone app.

4.2 Night Vision Modes

The camera offers three night vision modes:

- **Color Night Vision:** Utilizes built-in spotlights to provide full-color images in low-light conditions.
- **Infrared Night Vision:** Uses infrared LEDs for black and white images in complete darkness.
- **Smart Night Vision:** Automatically switches between infrared and color night vision upon detection of motion.

4.3 Motion Detection and Alarms

- **PIR Humanoid Detection:** Configure sensitivity levels in the app to minimize false alarms.
- **Customizable Detection Zones:** Set specific areas for motion detection to focus on critical zones.
- **Sound and Light Alarm:** When motion is detected, the camera can activate a siren and/or spotlights to deter intruders. You can choose between silent, spotlight only, siren only, or both siren and spotlight modes.

Tre Modalità di Avviso

Silenzioso O Intimidatorio, Libero di Scegliere



Figure 4.2: Select from silent, spotlight only, siren only, or both siren and spotlight alarm modes to suit your security needs.

Tracciamento Automatico del Rilevamento del Movimento Umanoide

Dì Addio Alle Tremolanti Ombre Nere

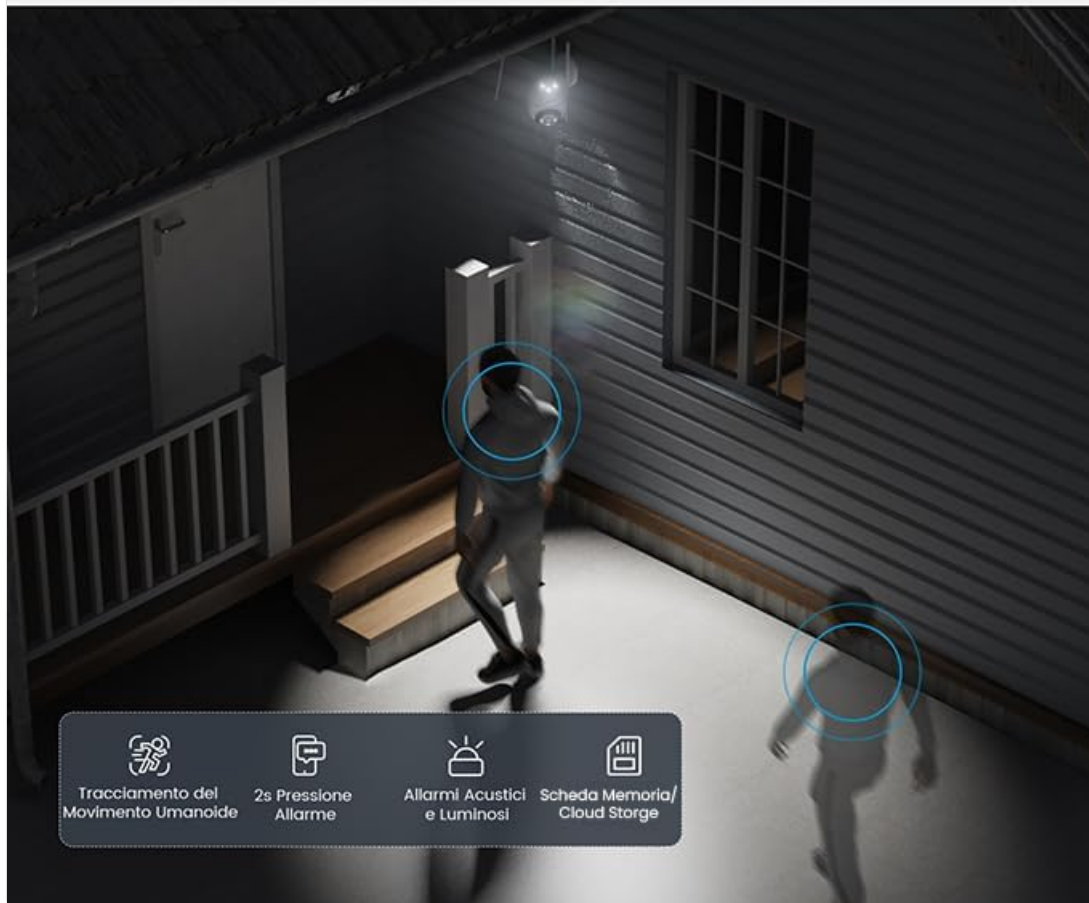


Figure 4.3: The camera's humanoid motion tracking follows detected human figures, reducing false alarms from other movements.

Vero monitoraggio intelligente dell'intelligenza artificiale

Funzionalità a pagamento*



Figure 4.4: AI smart monitoring can differentiate between various detection types such as people, animals, packages, and vehicles (some features may require a subscription).

4.4 Recording and Storage

- **Continuous Recording:** The camera supports 24/7 continuous recording to a Micro SD card (not included).
- **Event Recording:** Records video clips when motion is detected.
- **Micro SD Card:** Insert a Micro SD card (up to 128GB) into the designated slot for local storage.
- **Cloud Storage:** Optional cloud storage plans are available through the app for secure off-site backup.

Registrazione Continua 24/7



Figure 4.5: The camera supports 24/7 continuous recording, ensuring constant surveillance.

5. MAINTENANCE

5.1 Cleaning the Camera

- Ensure the camera is powered off before cleaning.

- Use a soft, damp cloth to wipe the camera body.
- For the lens, use a specialized lens cleaning cloth to avoid scratches. Do not use harsh chemicals or abrasive cleaners.

5.2 Environmental Considerations

- The camera has an IP65 weather resistance rating, making it suitable for outdoor use in various weather conditions.
- Operating temperature range: -20°C to 50°C (-4°F to 122°F).



Figure 5.1: The camera is designed with IP65 weather resistance to withstand outdoor elements like rain.



Figure 5.2: The camera operates effectively within a wide temperature range of -20°C to 50°C.

6. TROUBLESHOOTING

If you encounter issues with your ieGeek camera, please refer to the following common troubleshooting steps:

6.1 Connection Issues

- **Camera Offline:** Ensure the camera is powered on and within range of your Wi-Fi router. Check your Wi-Fi signal strength in the app. Try restarting the camera and your router.
- **Failed to Connect to Wi-Fi:** Verify your Wi-Fi password is correct. Ensure you are connecting to a 2.4 GHz or 5 GHz network as supported. If using a dual-band router, ensure the camera is connecting to the correct band.

6.2 Motion Detection Problems

- **Too Many False Alarms:** Adjust the PIR detection sensitivity in the app. Define specific detection zones to exclude areas with frequent irrelevant movements (e.g., trees swaying).
- **No Motion Detection:** Ensure motion detection is enabled in the app settings. Check the camera's field of view for obstructions. Increase detection sensitivity if necessary.

6.3 Image Quality Issues

- **Blurry Image:** Clean the camera lens carefully. Ensure there is no condensation on the lens.
- **Poor Night Vision:** Ensure the night vision mode is set correctly (color, infrared, or smart). Check for any obstructions blocking the infrared LEDs or spotlights.

6.4 Other Issues

- **SD Card Not Recording:** Ensure the Micro SD card is inserted correctly and is not full. Format the SD card via the app if it's a new card or if issues persist.
- **App Not Responding:** Close and restart the app. Ensure your smartphone's operating system is up to date.

If these steps do not resolve your issue, please contact ieGeek customer support for further assistance.

7. SPECIFICATIONS

Model	ZS-GQ4
Resolution	5MP (2880 x 1600)
Lens	3.6 mm
Digital Zoom	4x
Night Vision Distance	Up to 15 meters (50 feet)
Wi-Fi Connectivity	2.4 GHz / 5 GHz Dual-Band
Pan/Tilt Range	Pan 355°, Tilt 120°
Storage Options	Micro SD Card (up to 128GB, not included), Cloud Storage
Weather Resistance	IP65
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Dimensions	17 x 9 x 10 cm
Control Method	Mobile App (ieGeek Cam / CloudEdge)
Alarm Type	PIR Humanoid Motion Detection, Sound & Light Alarm

8. WARRANTY AND SUPPORT

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

8.1 Warranty Information

- **2-Year Warranty:** Your ieGeek camera is covered by a 2-year warranty from the date of purchase, protecting against manufacturing defects.
- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return the product for a full refund within 30 days.



Figure 8.1: ieGeek offers a 2-year warranty and a 30-day money-back guarantee, along with lifetime support.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact ieGeek customer support. Refer to the contact information provided with your product packaging or visit the official ieGeek website for support details.

- **Online Support:** Visit www.iegeek.com/support (example link, please refer to actual website)
- **Email Support:** support@iegeek.com (example email, please refer to actual contact)
- **Lifetime Technical Support:** ieGeek provides lifetime technical support for its products.