

ieGeek ZS-GX1S

ieGeek 360° PTZ Wi-Fi Outdoor Camera with Solar Panel - User Manual

Model: ZS-GX1S

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ieGeek 360° PTZ Wi-Fi Outdoor Camera with Solar Panel. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This camera is designed for outdoor surveillance, offering 2K resolution, PIR detection, color night vision, and two-way audio capabilities, powered by a wireless battery and a solar panel for extended operation.

WHAT'S IN THE BOX

The package typically includes the following components:

- ieGeek 360° PTZ Wi-Fi Outdoor Camera
- Solar Panel with connecting cable
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual (this document)
- Quick Start Guide

3W Pannello solare

FETE Nuovo materiale, 365 giorni di alimentazione

2X

Aumento del 100%
dell'efficienza energetica solare

3M

Cavo lungo da
installare ovunque

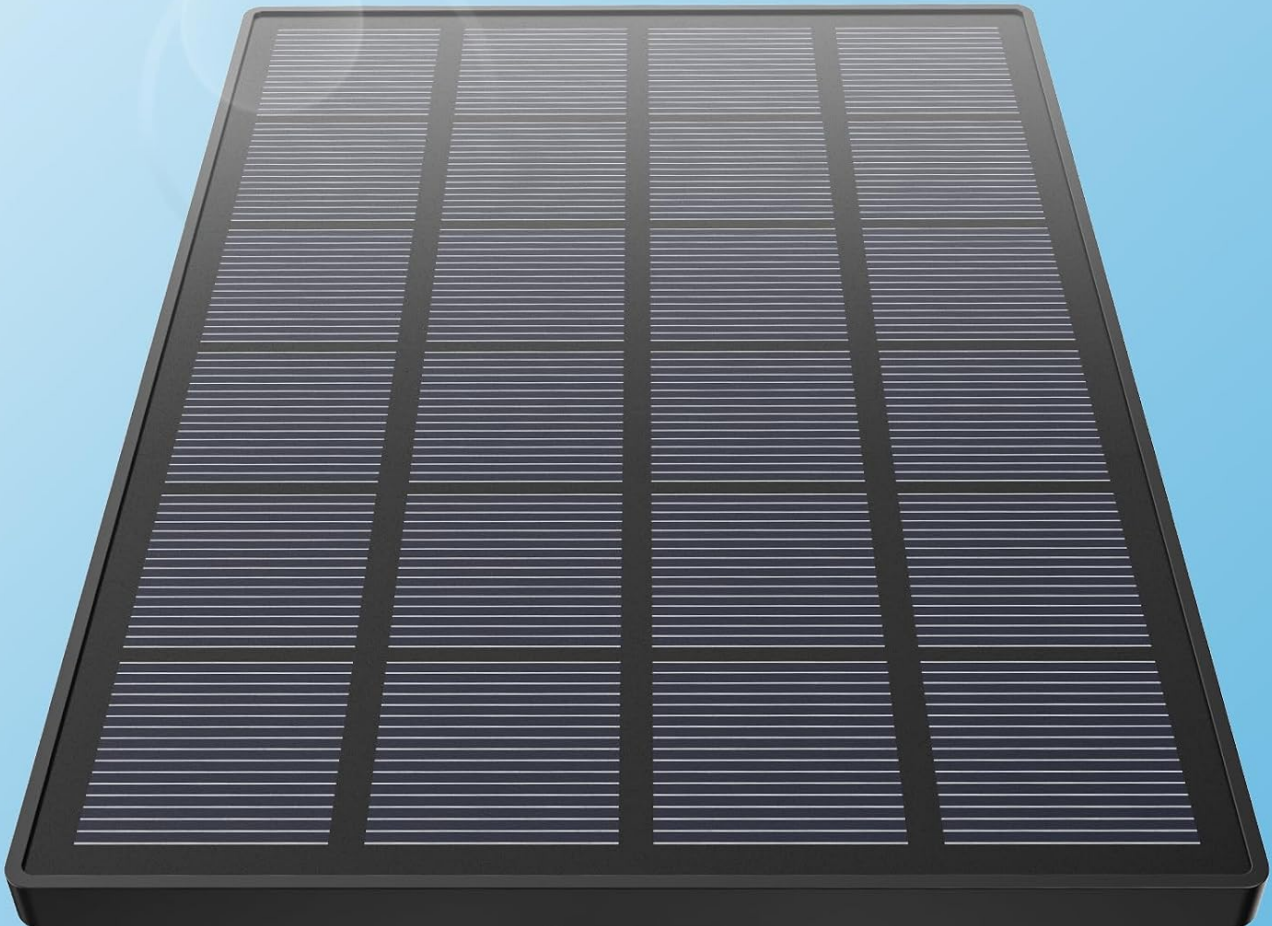


Image: The ieGeek 360° PTZ Wi-Fi Outdoor Camera, showing its main body, dual antennas, and the included solar panel.

SETUP

1. Camera Installation

The camera features a 100% wireless design, eliminating the need for additional cables. Its snap-on base allows for quick installation in minutes.

1. Choose a suitable outdoor location for mounting the camera, ensuring a clear field of view and good Wi-Fi signal.
2. Use the provided mounting bracket and screws to securely attach the camera base to a wall or desired surface.
3. The camera body easily snaps into the installed base.



Image: A person's hands demonstrating the snap-press installation of the ieGeek wireless camera onto a wall mount, highlighting its 100% wireless feature.

Installazione più Facile e Più Veloce

Nuovo Design Snap-press, installare in 1s



Image: A close-up view of the ieGeek camera's base, illustrating the snap-press design for quick and easy installation.

2. Solar Panel Installation

The included solar panel provides continuous power to the camera's rechargeable battery, extending its operational life

up to 356 days.

1. Install the solar panel in a location that receives direct sunlight for most of the day.
2. Angle the solar panel at approximately 40 degrees for optimal sunlight absorption, especially during winter months.
3. Ensure the panel is free from obstructions like snow or leaves to maintain charging efficiency.
4. Connect the solar panel cable to the camera's charging port.



Image: A detailed view of the 3W solar panel, highlighting its new FET material, 100% increased solar energy efficiency, and a 3-meter long cable for flexible installation.

3. App Connection

To connect your camera to the ieGeek Cam app:

1. Download the "ieGeek Cam" app from the App Store (iOS) or Google Play Store (Android).
2. Open the app and follow the on-screen instructions to create an account or log in.
3. Add a new device by scanning the QR code located on the camera or in the quick start guide.
4. Follow the prompts to connect the camera to your Wi-Fi network. Ensure your Wi-Fi signal is stable for optimal performance.

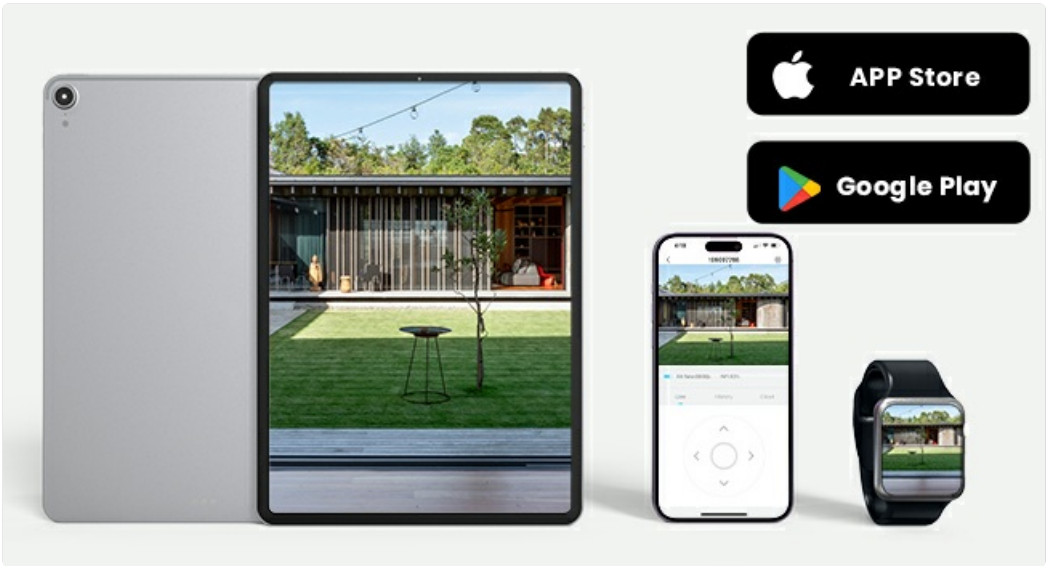


Image: The ieGeek Cam app interface shown across multiple devices including a tablet, smartphone, and smartwatch, with App Store and Google Play logos, indicating broad compatibility.

OPERATING INSTRUCTIONS

1. PTZ Control and Digital Zoom

The camera offers flexible monitoring with its Pan-Tilt-Zoom (PTZ) capabilities:

- **Horizontal Rotation:** 355°
- **Vertical Rotation:** 120°
- **Digital Zoom:** 4x

You can control the camera's movement and zoom directly from the ieGeek Cam app to monitor any customized corner without blind spots.

Panoramica e Inclinazione

Rotazione Orizzontale di 355°

Rotazione Verticale di 120°



Image: The ieGeek camera mounted outdoors, illustrating its 355° horizontal and 120° vertical rotation capabilities, with a smartphone displaying the live feed and control interface.

Monitoraggio a vista completa, serve solo una telecamera3

Panoramica di 355° e inclinazione di 120°: controlla in remoto le telecamere sempre e ovunque nel tuo telefono.
((Tracciamento non automatico))

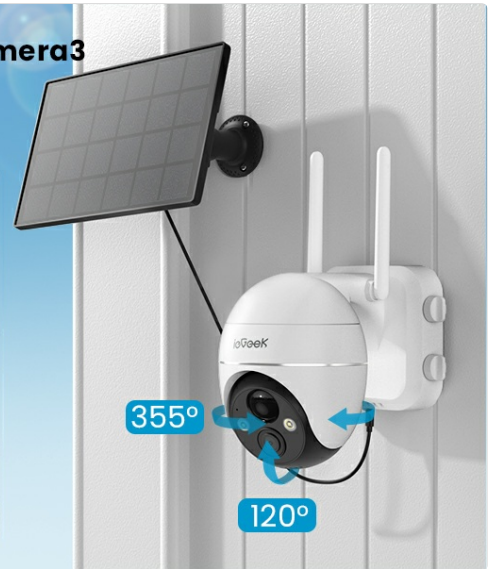


Image: A diagram showing the ieGeek camera and solar panel, illustrating its 355° pan, 120° tilt, and 4x digital zoom for comprehensive area monitoring.

2. Video Quality and Night Vision

The camera provides high-resolution 2K (3MP, 2304*1296) video quality. It features a 1/3 CMOS color sensor, 2+2 infrared lights, and white light for enhanced night vision.

- **Standard Night Vision:** Records clear black and white footage in low light.
- **Color Night Vision:** When motion is detected, the white light automatically activates to record full-color images and videos, providing clearer details at night.



2K Risoluzione

Pixel appena aggiornato, nitidezza brillanti



Image: A split image comparing the superior clarity of 2K resolution from the ieGeek camera against standard 1080P, demonstrating brilliant sharpness.

Visione Notturna a Colori

Registrazione a colori con il riflettore



Image: The ieGeek camera mounted outdoors at night with its spotlight illuminated, and a smartphone displaying the live feed in full color night vision.

Visione Notturna a Colori Cristallina

Dotato di 2 faretti attivati dal movimento, cattura dettagli a colori di giorno/notte.

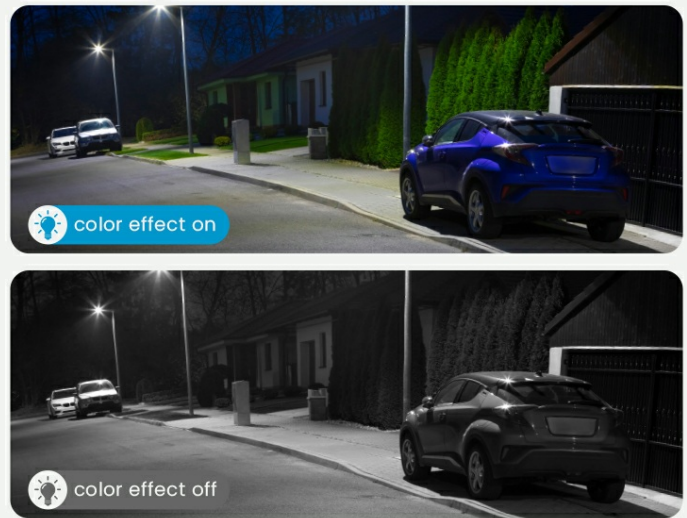


Image: A split-screen comparison demonstrating crystal clear color night vision (top) versus standard black and white night vision (bottom) from the camera, highlighting the detail captured with the spotlight.

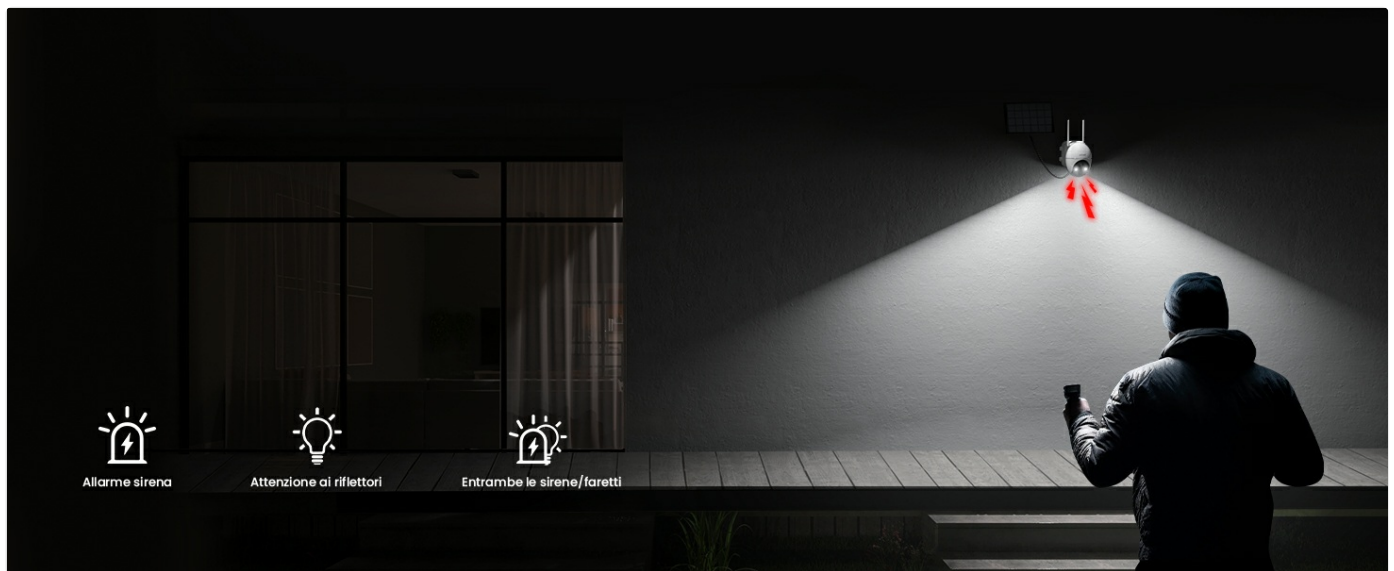


Image: An outdoor night scene showing the camera's detection range up to 49 feet, emphasizing its 3MP pixel resolution and the option to activate spotlights for enhanced visibility.

3. PIR Humanoid Detection and Alarms

The camera intelligently detects human movement in real-time. Upon detection, it automatically activates an alarm and sends a notification to your phone within 1-3 seconds.

- **Sound Alarm:** A loud siren to deter intruders.
- **Light Alarm:** The camera's spotlight flashes to draw attention.
- **Combined Alarm:** Both sound and light alarms can be triggered simultaneously.

You can also manually activate these alarms via the app to alert family members or deter potential threats.

Rilevamento del Movimento PIR

Ricevere tempestivamente una notifica di avviso dal telefono



CloudEdge Just now

Tips

You received an alarm message from 064994627

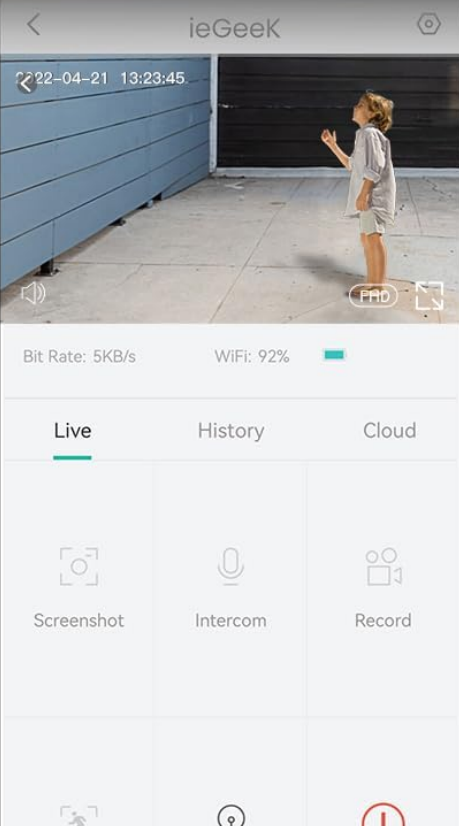


Image: A child playing in a backyard, with the ieGeek camera detecting motion and sending an alert notification to a smartphone, showing the detection zone.

Deterrenza Multipla



Allarme di luce



Allarme acustico



Allarme audio e
luce stroboscopica

Image: An ieGeek camera mounted on a building, activating its light and sound alarms to deter a person attempting to open a car door at night, illustrating multiple deterrence features.



Image: A diagram illustrating the camera's alarm options: siren only, spotlight only, or both siren and spotlight for enhanced deterrence.



Image: An ieGeek camera detecting motion from two people riding bicycles, sending a notification to the user's phone, demonstrating its motion detection capabilities.



Image: A diagram showing a house with three distinct PIR detection zones (Zone 1, Zone 2, Zone 3) configured for the ieGeek camera, allowing for customized monitoring areas.

4. Two-Way Audio

The camera supports two-way audio, allowing you to communicate with visitors or deter unwanted guests remotely through the ieGeek Cam app.

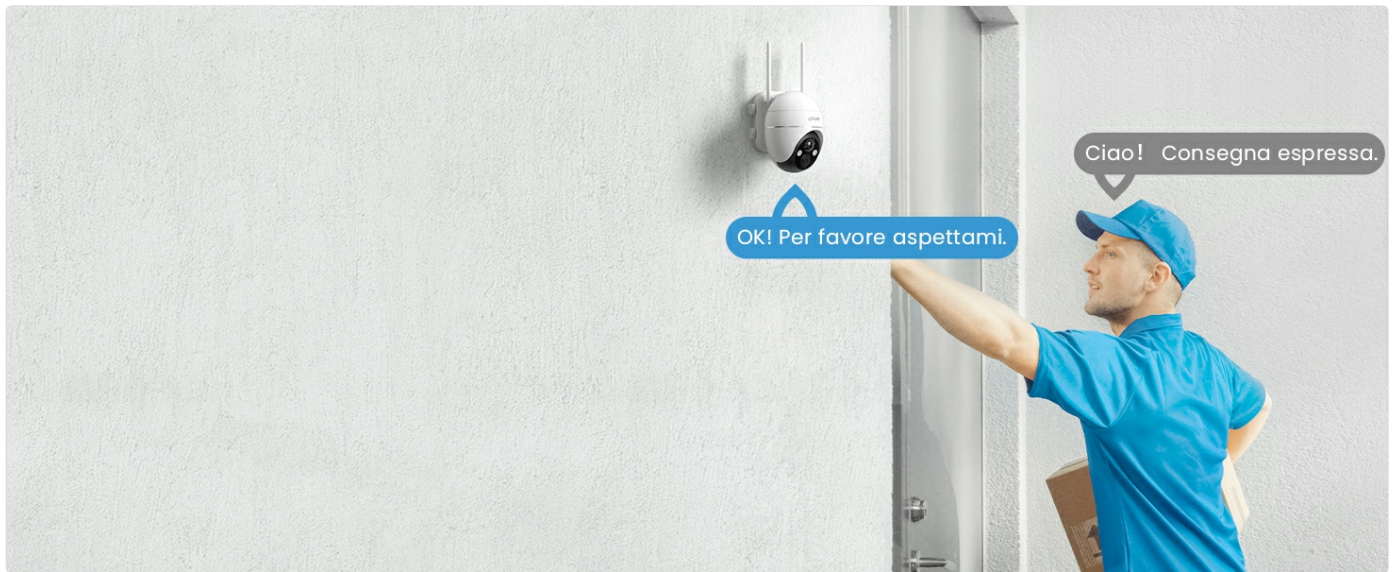


Image: A delivery person at a door, with the ieGeek camera facilitating two-way communication, showing speech bubbles for "Hello! Express delivery." and "OK! Please wait for me."

5. Alexa Integration

The ieGeek camera is compatible with Alexa. You can use voice commands to view the camera feed on compatible smart displays.

- Link your ieGeek Cam account to your Alexa app.
- Use commands like "Alexa, show me the garden" to view the live feed.



Image: A smart display on a bedside table showing the ieGeek camera's live feed of a garden, with an Alexa voice command bubble saying "Alexa, show me the garden."

6. Storage Options

The camera supports local storage via a Micro SD card and offers cloud storage services.

- **Micro SD Card:** Supports up to 128GB for local recording.
- **Cloud Service:** A free 6-second cycle cloud service is available, with options for paid subscriptions for extended

storage.



Image: A close-up of the ieGeek camera highlighting its support for a magnetic memory card up to 128GB.



Image: A smartphone displaying an album of recorded events, with a cloud icon and text indicating a FREE 6-second cycle cloud service.

MAINTENANCE

1. Solar Panel Care

- Regularly clean the solar panel surface to remove dust, dirt, or debris that may reduce charging efficiency.
- During winter, ensure snow does not cover the solar panel to maintain optimal power supply.

2. Weather Resistance

The camera is rated IP65 waterproof, meaning it is protected against dust and low-pressure water jets. It is designed to withstand outdoor weather conditions from -20°C to 50°C.

- While designed for outdoor use, avoid direct high-pressure water jets.
- Ensure all ports are securely sealed to maintain waterproof integrity.

IP65 Impermeabile

-20 °C to 50 °C

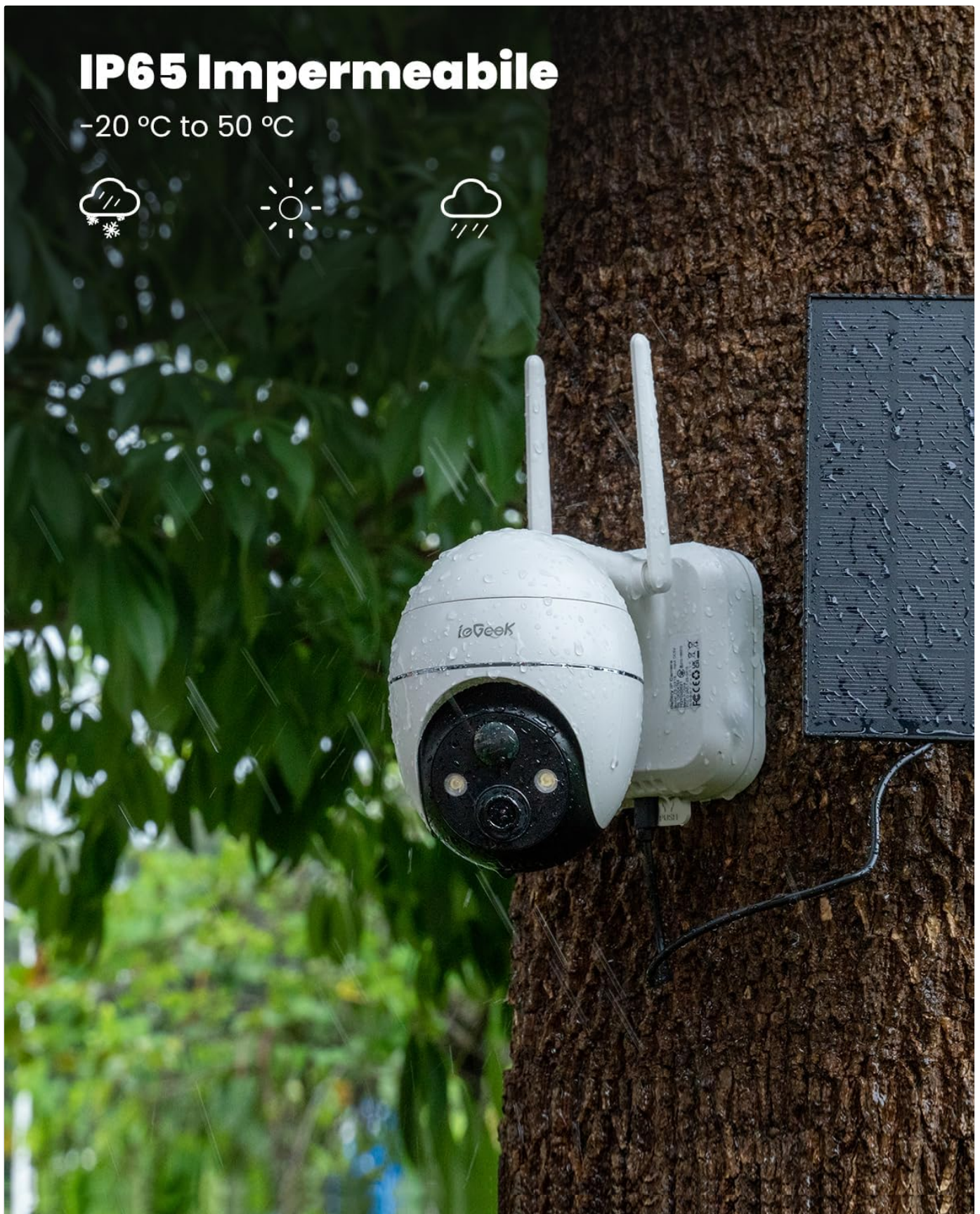


Image: The ieGeek camera and its solar panel mounted on a tree, being rained on, illustrating its IP65 waterproof rating and ability to operate in temperatures from -20°C to 50°C.

TROUBLESHOOTING

1. Wi-Fi Connectivity Issues

- **Weak Signal:** Ensure the camera is within range of your Wi-Fi router. A stable Wi-Fi signal is crucial for optimal

streaming quality. Consider using a Wi-Fi extender if the signal is consistently weak.

- **Reconnection:** If the camera disconnects from Wi-Fi, it often reconnects automatically. If not, try restarting the camera and your router.
- **Setup Failure:** Double-check your Wi-Fi password during app setup. Ensure your router is broadcasting a 2.4GHz Wi-Fi network, as many security cameras do not support 5GHz.

2. Motion Detection Not Working

- **Sensitivity Settings:** Adjust the PIR motion detection sensitivity in the ieGeek Cam app. High sensitivity might trigger false alarms, while low sensitivity might miss events.
- **Detection Zones:** Verify that the detection zones are correctly configured in the app to cover the desired areas.
- **Obstructions:** Ensure there are no physical obstructions blocking the camera's view or the PIR sensor.

3. Battery Not Charging

- **Solar Panel Placement:** Confirm the solar panel is in a sunny location and angled correctly (approx. 40 degrees).
- **Panel Cleanliness:** Clean the solar panel surface regularly to remove any dirt or debris.
- **Cable Connection:** Ensure the solar panel cable is securely connected to the camera.
- **Extreme Weather:** In prolonged cloudy or snowy conditions, the solar panel's charging efficiency may be reduced. Consider temporarily charging the camera via USB if needed.

SPECIFICATIONS

Feature	Detail
Brand	ieGeek
Model Name	ZS-GX1S
Model Number	ZS-GX4S
Connectivity Technology	Wireless (Wi-Fi)
Special Features	PTZ Technology, Night Vision, PIR Detection, Two-Way Audio
Indoor/Outdoor Use	Outdoor
Mounting Type	Wall Mount
Color	White
Alarm Type	Motion Only (Sound and Light Alarm)
Light Source Type	Infrared
Effective Still Image Resolution	3 MP
International Protection Rating	IP65
Video Capture Resolution	2K
Control Method	App
Night Vision	Color Night Vision

Item Dimensions	10 x 10 x 10 mm
Power Source	Battery Powered
Wattage	3 watts
Optical Zoom	4x
Field of View	120 Degrees
Zoom Type	Digital Zoom
UPC	889328522223
GTIN	889328522223

WARRANTY AND SUPPORT

ieGeek is committed to providing excellent customer service and product reliability.

- **Warranty:** Enjoy a 2-year warranty on your ieGeek camera.
- **Refund Policy:** A 30-day money-back guarantee is provided.
- **Lifetime Support:** ieGeek offers lifetime technical support for its products.
- **Response Time:** The ieGeek support team aims to respond to all inquiries within 24 hours on working days.



Image: A blue and gold warranty badge indicating a 30-day refund guarantee and details about 2 years of warranty and lifetime support from ieGeek.

For any questions or assistance, please contact ieGeek customer support through their official channels or the ieGeek Cam app.

DATA PRIVACY

Your privacy is a top priority for ieGeek. The security cameras utilize Advanced Encryption Standard (AES128)

technology, compliant with European data protection standards. AES provides 128-bit keys, ensuring your videos are completely encrypted and under your total control, always and everywhere.



Image: A technical illustration featuring a padlock icon over a circuit board, emphasizing that user privacy is ieGeek's priority and data is protected with bank-level encryption.

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

you@example.com

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