ieGeek S11

ieGeek 4G LTE Cellular Security Camera S11 User Manual

Model: S11 | Brand: ieGeek

1. Introduction

This user manual provides detailed instructions for the installation, operation, and maintenance of your ieGeek 4G LTE Cellular Security Camera S11. This camera is designed for outdoor surveillance in locations without Wi-Fi access or consistent power supply, utilizing 4G cellular connectivity and solar power for continuous operation.



Figure 1: ieGeek 4G LTE Cellular Security Camera S11 with included solar panel.

2. What's in the Box

Verify that all components are present upon unboxing:

- 1 x 4G LTE Cellular Security Camera
- 1 x 5W Solar Panel
- 1 x USB-C Cable
- Mounting accessories (screws, wall anchors, brackets)
- User Manual (this document)
- SIM Card (pre-installed)

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Video 1: Unboxing and initial overview of the ieGeek S11 4G Camera components.

3. Product Overview

The ieGeek S11 camera features a robust design for outdoor use, integrating advanced surveillance capabilities with independent power and connectivity.

3.1 Camera Components

- **2K 3MP Lens:** Provides high-resolution video capture.
- **Spotlights & Infrared Lights:** Enable 2K HD color night vision and enhanced visibility in low-light conditions.
- **PIR Motion Sensor:** Detects human and animal motion to trigger recordings and alerts.
- **Two-Way Audio:** Built-in microphone and speaker for remote communication.
- **Antennas:** For stable 4G LTE cellular connection.
- **Charging Port:** USB-C port for solar panel connection or direct charging.
- **Power Button:** To turn the camera on/off.
- **Reset Button:** For factory reset.
- **SIM Card Slot:** For the pre-installed 4G SIM card.
- **Micro SD Card Slot:** Supports up to 128GB for local video storage (Micro SD card not included).



Figure 2: Front view of the camera highlighting key components.

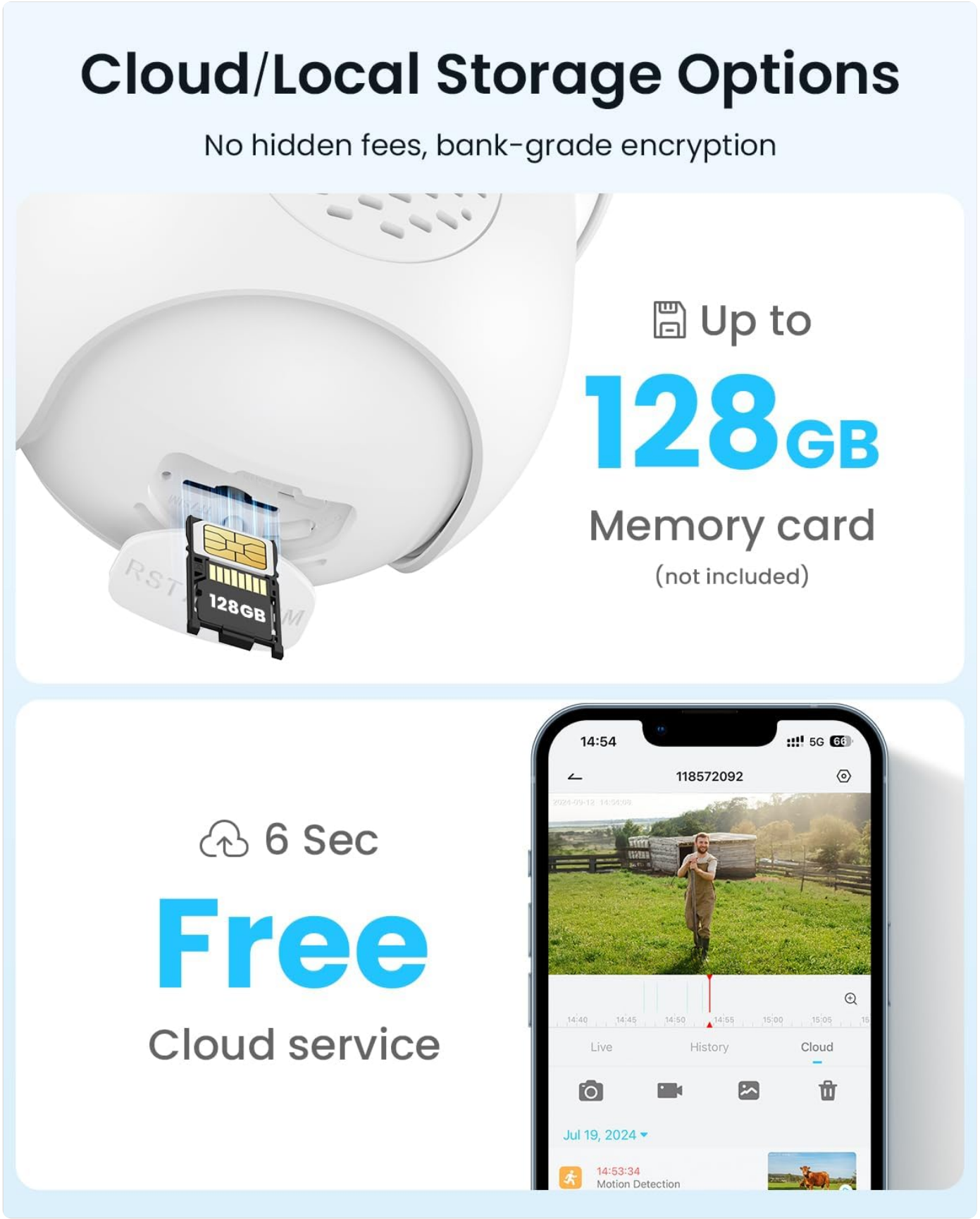


Figure 3: View of the camera's SIM and Micro SD card slots.

4. Setup Guide

4.1 Initial Charge

Before first use, fully charge the camera's built-in 10000mAh battery using the provided USB-C cable and a 5V/1A or 5V/2A power adapter (not included). This ensures optimal battery performance.

4.2 SIM Card and Micro SD Card Installation

The 4G SIM card is typically pre-installed. If not, or if you wish to replace it, carefully open the rubber cover on the camera's underside. Insert the SIM card into the designated slot. A Micro SD card (up to 128GB, not included) can be inserted into its slot for local storage.

4.3 App Download and Registration

Download the "ieGeek Cam" app from your device's App Store (iOS) or Google Play Store (Android). Follow the in-app instructions to register an account and add your camera by scanning the QR code on the device.

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Video 2: Guide to connecting the ieGeek S11 4G camera to the mobile application.

4.4 Mounting the Camera and Solar Panel

Choose a mounting location that provides a clear view of the area you wish to monitor and receives ample direct sunlight for the solar panel. The camera can be wall-mounted using the provided bracket. The solar panel comes with a 3-meter charging cable, allowing flexible placement to maximize sun exposure. Ensure the solar panel is securely mounted and connected to the camera's charging port.



Figure 4: Example of camera and solar panel installation, demonstrating wireless power supply.

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Video 3: Detailed steps for wall mounting the ieGeek S11 4G Camera and solar panel.

5. Operating the Camera

5.1 Pan-Tilt-Zoom (PTZ) Control

Control the camera's viewing angle remotely via the ieGeek Cam app. The camera supports 350° horizontal pan and 90° vertical tilt, providing comprehensive coverage of your surveillance area. It also features 4x digital zoom.



Figure 5: Illustrates the camera's 360° field of view coverage through pan and tilt functions.

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Video 4: Demonstrates the live view and control features within the ieGeek Cam app.

5.2 Two-Way Audio

Engage in real-time conversations with individuals near the camera using the two-way audio feature. This is useful for communicating with visitors or deterring unwanted intruders.



Figure 6: Two-way audio functionality allowing communication through the camera.

5.3 PIR Motion Detection & Alerts

The integrated PIR motion sensor accurately detects movement, triggering instant alerts to your smartphone via the app. You can customize sensitivity settings to minimize false alarms. The camera can also initiate audible and light alarms upon detection.



Figure 7: Motion detection system with alert notifications and alarm options.

5.4 Night Vision

The camera provides 2K HD color night vision, ensuring clear and detailed footage even in complete darkness, thanks to its bright spotlights and infrared lights.



Figure 8: Demonstration of 2K color night vision capabilities.

5.5 Storage Options

Recordings can be stored locally on a Micro SD card (up to 128GB) or via cloud storage. The camera includes 6 seconds of free lifetime cloud storage for motion-triggered events.

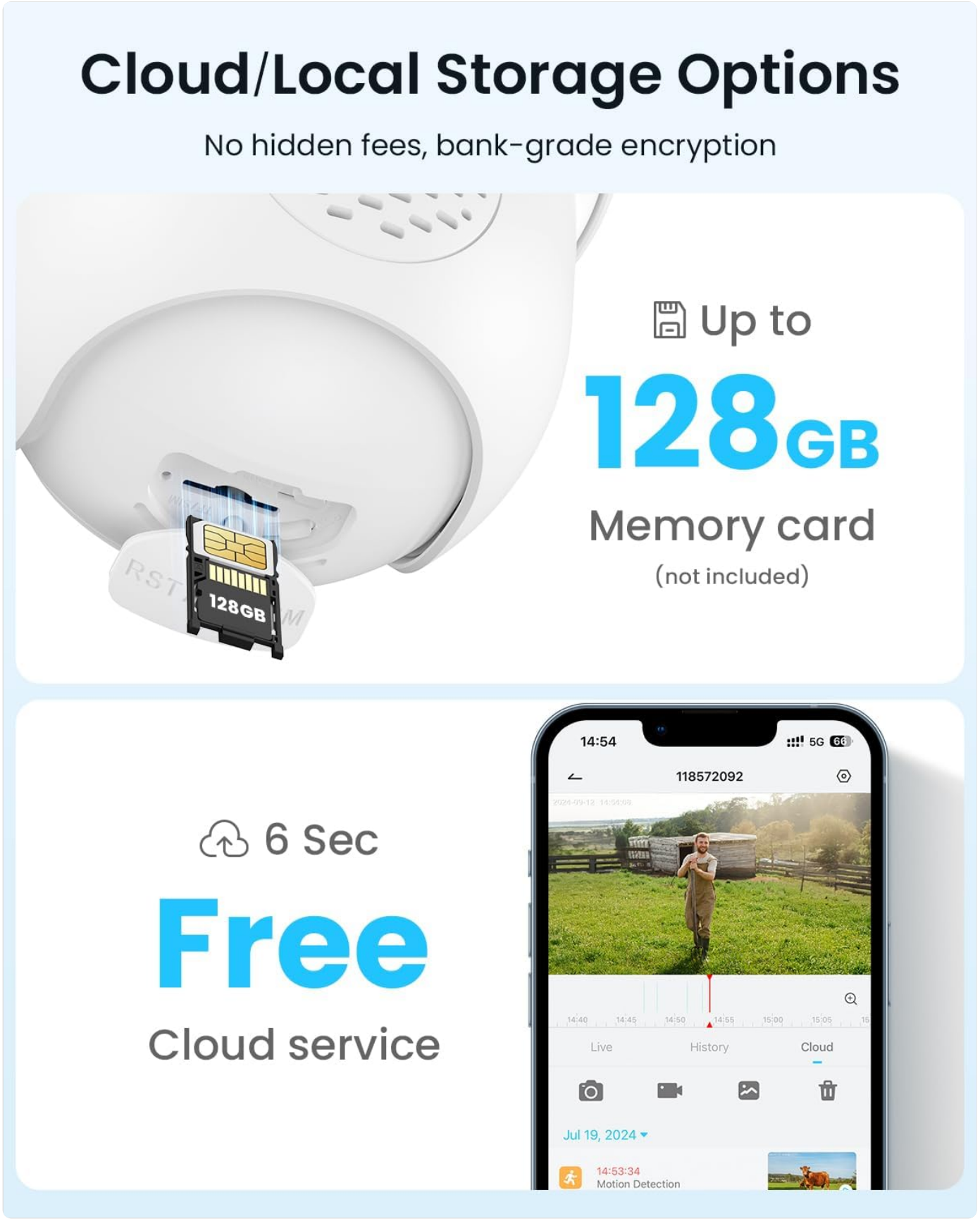


Figure 9: Available cloud and local storage options for recorded footage.

5.6 Cellular Data Plans

The camera operates on 4G LTE cellular networks, making it ideal for remote locations without Wi-Fi. A SIM card is included, and various data plans are available through the ieGeek Cam app to suit your usage needs. The camera is compatible with AT&T, T-Mobile, and Verizon networks.



Figure 10: Overview of cellular data plan options.

6. Maintenance

6.1 Battery Charging

The 5W solar panel continuously charges the camera's 10000mAh rechargeable battery. Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day to maintain optimal battery levels. Under normal usage,

a full charge can last up to 3 months.

6.2 Weather Resistance

The ieGeek S11 camera is designed for outdoor use with an IP65 rating, making it water-proof and dust-proof. Regularly clean the camera lens and solar panel surface to ensure clear image quality and efficient charging.

7. Troubleshooting

- **Camera Not Connecting:** Ensure the SIM card is correctly inserted and activated. Check the 4G signal strength in the camera's location via the app. Move the camera to an area with better cellular coverage if the signal is weak.
- **Battery Draining Quickly:** Verify the solar panel is receiving sufficient direct sunlight. Reduce the frequency of motion detection alerts or live view sessions if not critical, as these consume more power. Ensure the camera is fully charged initially.
- **Poor Video Quality:** Check for obstructions on the camera lens and clean it if necessary. Ensure the camera is within a strong 4G signal area.
- **Motion Detection Not Working:** Adjust the PIR motion sensor sensitivity settings in the app. Ensure the detection area is clear of constant movement (e.g., swaying branches) that might trigger false alarms.

8. Specifications

Feature	Detail
Model Name	ieGeek S11 (white)
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Cellular
Controller Type	ieGeek Cam App
Video Capture Resolution	3MP (2K HD)
Battery Capacity	10000mAh (rechargeable)
Solar Panel Power	5W
PTZ Range	350° Horizontal, 90° Vertical
Storage	Micro SD Card (up to 128GB), Cloud Storage
Dimensions (L x W x H)	6.3 x 5.91 x 3.54 inches
Item Weight	2.75 pounds
UPC	734931822621

9. Warranty and Support

ieGeek provides a **two-year warranty** for the S11 4G LTE Cellular Security Camera. For any technical assistance, questions, or concerns regarding your product, please contact our dedicated customer support team.

Email: service@iegeek.com

Our team is committed to providing efficient and satisfactory solutions to ensure your complete satisfaction with ieGeek products.

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