

[Manuals.plus](#) /

› [ieGeek](#) /

› ieGeek Solar Security Camera Wireless Outdoor User Manual

ieGeek S1

ieGeek Solar Security Camera Wireless Outdoor User Manual

Model: S1 | Brand: ieGeek

1. PRODUCT OVERVIEW

The ieGeek Solar Security Camera Wireless Outdoor is an all-in-one solution designed for home security. It features a wire-free design for easy installation, an integrated solar panel for continuous power, 2K color night vision with spotlight, smart human motion detection, and flexible storage options without monthly fees. This camera is built to withstand outdoor conditions and integrates with smart home systems like Alexa.



The ieGeek Solar Security Camera, showcasing its compact design and a smartphone displaying its live 2K video feed.

2. SETUP AND INSTALLATION

The ieGeek Solar Security Camera is designed for simple and fast installation, requiring minimal effort due to its wire-free nature and integrated solar panel.

2.1 Package Contents

- ieGeek Solar Security Camera (Model S1)
- Quick manual guide
- USB Charging cable
- Camera bracket
- Positioning label sticker
- Silicone screw & plug (4 sets)

2.2 Installation Steps

1. **Charge the Camera:** Before installation, ensure the camera's internal 5000mAh battery is fully charged using the provided USB cable.
2. **Choose a Location:** Select an outdoor location that provides optimal sunlight exposure for the solar panel and a clear view of the area you wish to monitor. The camera supports ceiling and wall mounting.
3. **Mount the Camera:** Use the positioning label sticker to mark drill holes. Drill one hole, then secure the camera bracket using the silicone screws and plugs. Attach the camera to the bracket.
4. **Connect to Wi-Fi:** Download the ieGeek Cam app on your smartphone. Follow the in-app instructions to connect the camera to your 2.4Ghz Wi-Fi network. (Note: 5Ghz Wi-Fi is not supported). Bluetooth network pairing is available for faster connection.

All in One Easy Install with No Wires



A user demonstrating the easy, wire-free installation of the ieGeek Solar Security Camera on an exterior wall.



Visual guide for the three-step installation process: physical placement, app connection, and activation.

3. OPERATING INSTRUCTIONS

3.1 Power Management

The camera is equipped with an embedded solar panel and a 5000mAh integrated battery, ensuring continuous power with just a few hours of direct sunlight per day. This eliminates the need for frequent manual recharging.

Solar Energy Last Ever After

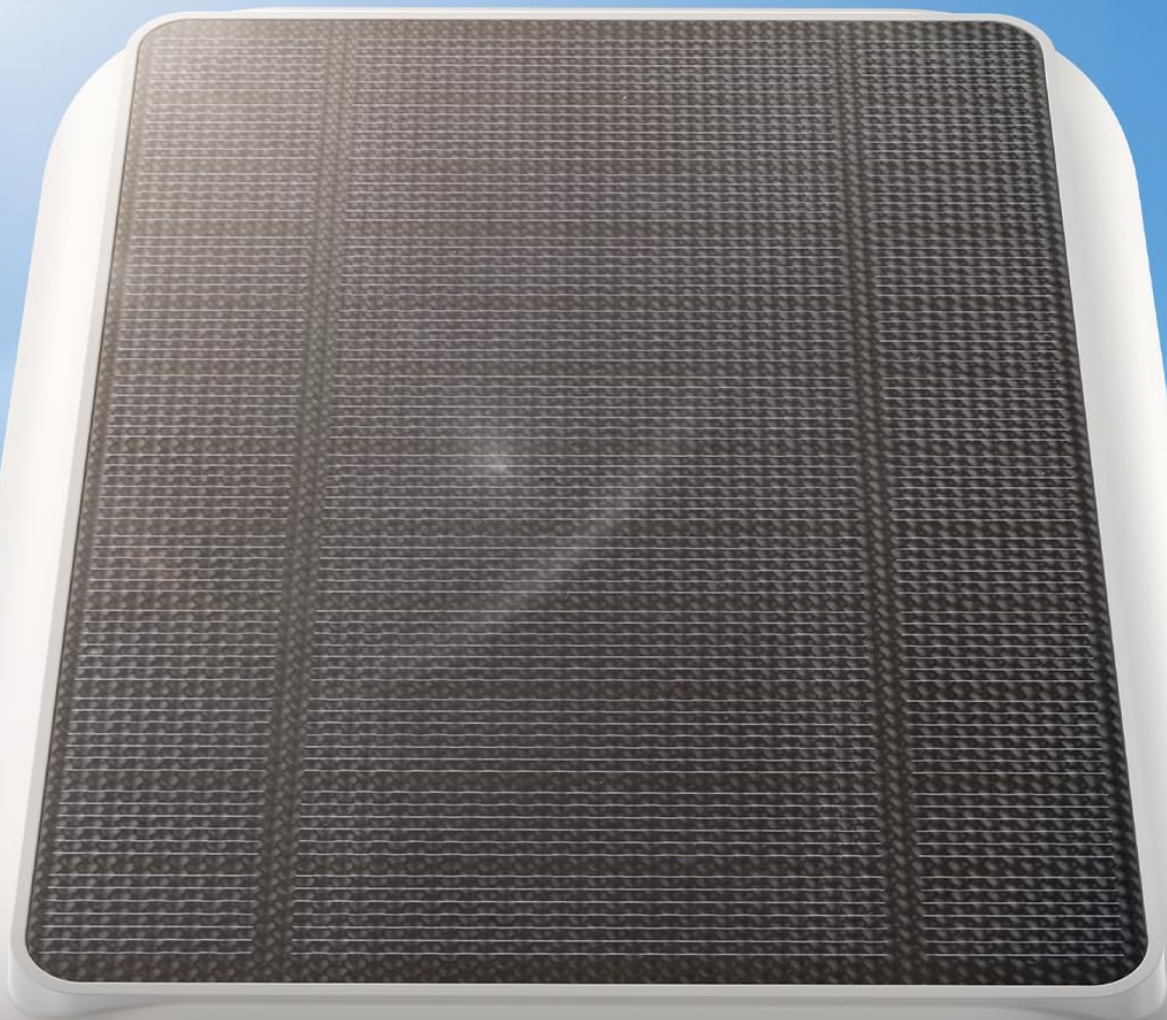
6W 

Solar Panel Embedded

2  **= 24** 

Hrs Sunshine

Hrs Power



*According to laboratory data, solar panel effectiveness is contingent on direct sunlight exposure, and battery life may vary based on actual usage.

Detailed view of the 6W solar panel embedded on top of the ieGeek camera, designed for efficient power generation.

Stay Informed of What Truly Matters

The upgraded sensor with massive shape database, accurately discern person/vehicle/pet/package.



Person



Vehicle



Pet



Package

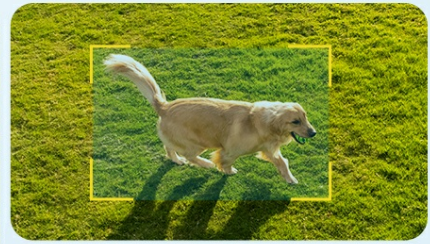
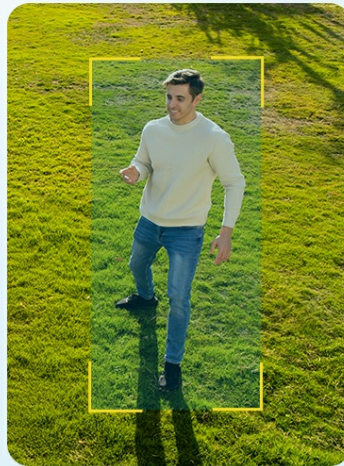


Illustration of the camera's solar energy efficiency, showing how minimal sunlight can provide extended power.

3.2 2K Color Night Vision & Spotlight

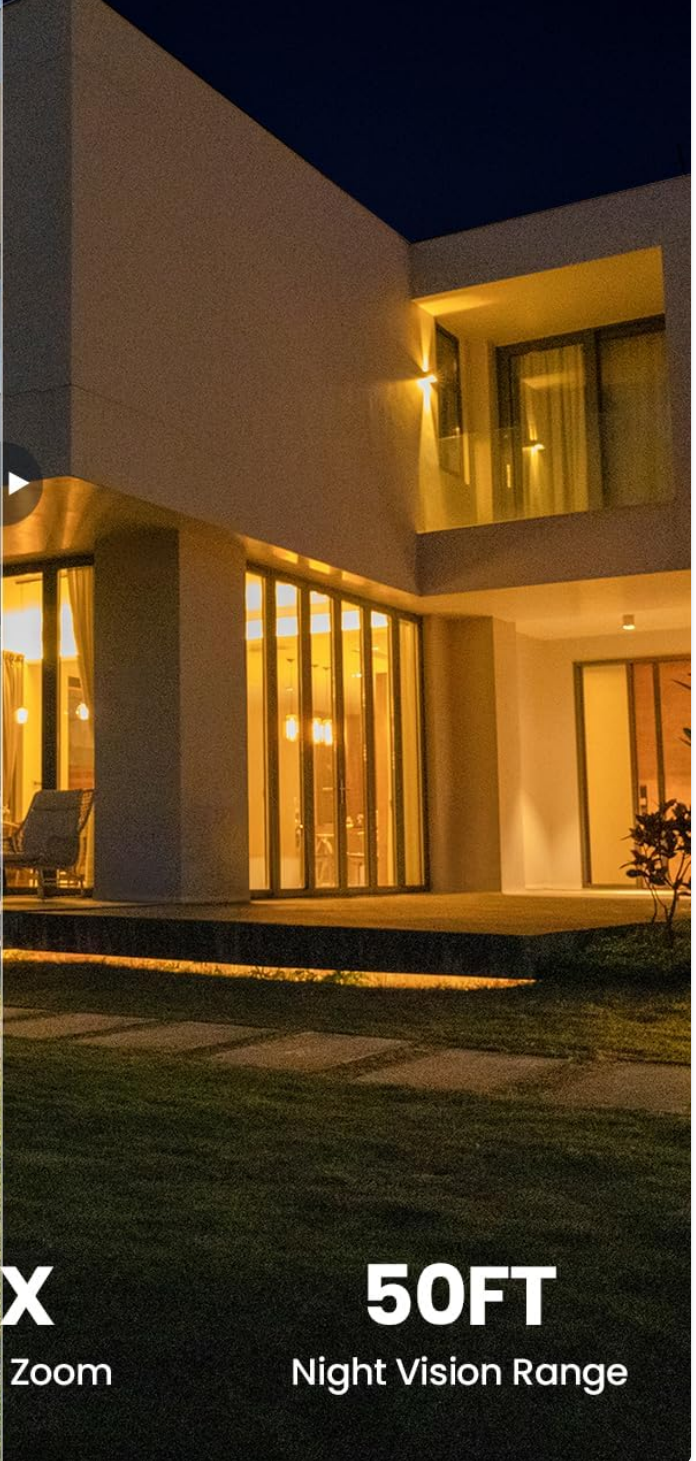
The camera provides 2K picture quality and is equipped with a bright 200-lumen spotlight. When motion is detected at night, the spotlight can automatically activate, providing high-quality color images and deterring intruders. The spotlight can also be manually turned off if not needed.

2K QHD Color Night Vision



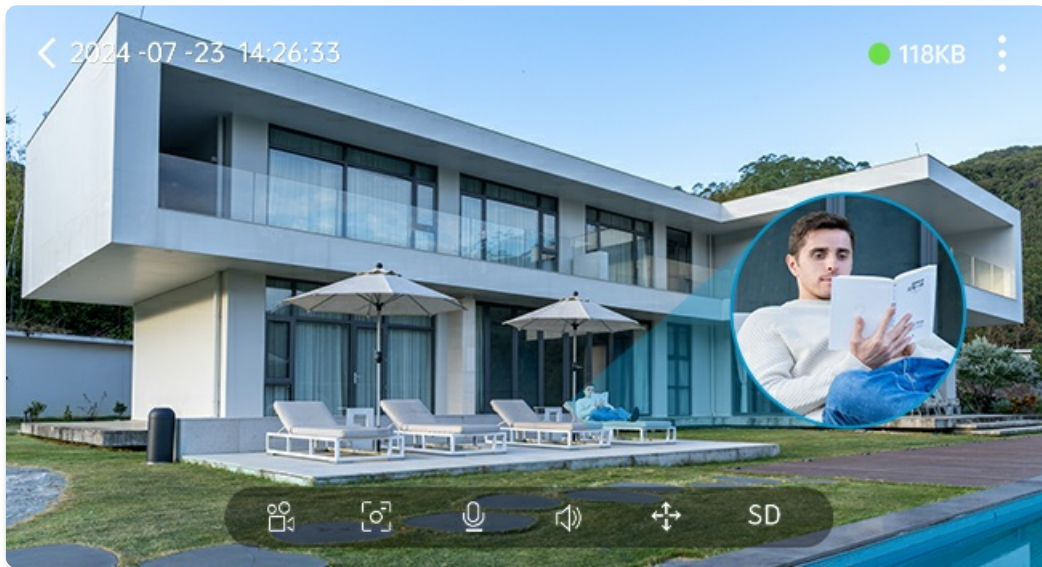
3MP
(2304 x 1296)

4X
Digital Zoom



50FT
Night Vision Range

Comparison of daytime clarity versus the vivid 2K color night vision provided by the camera, extending up to 50 feet.



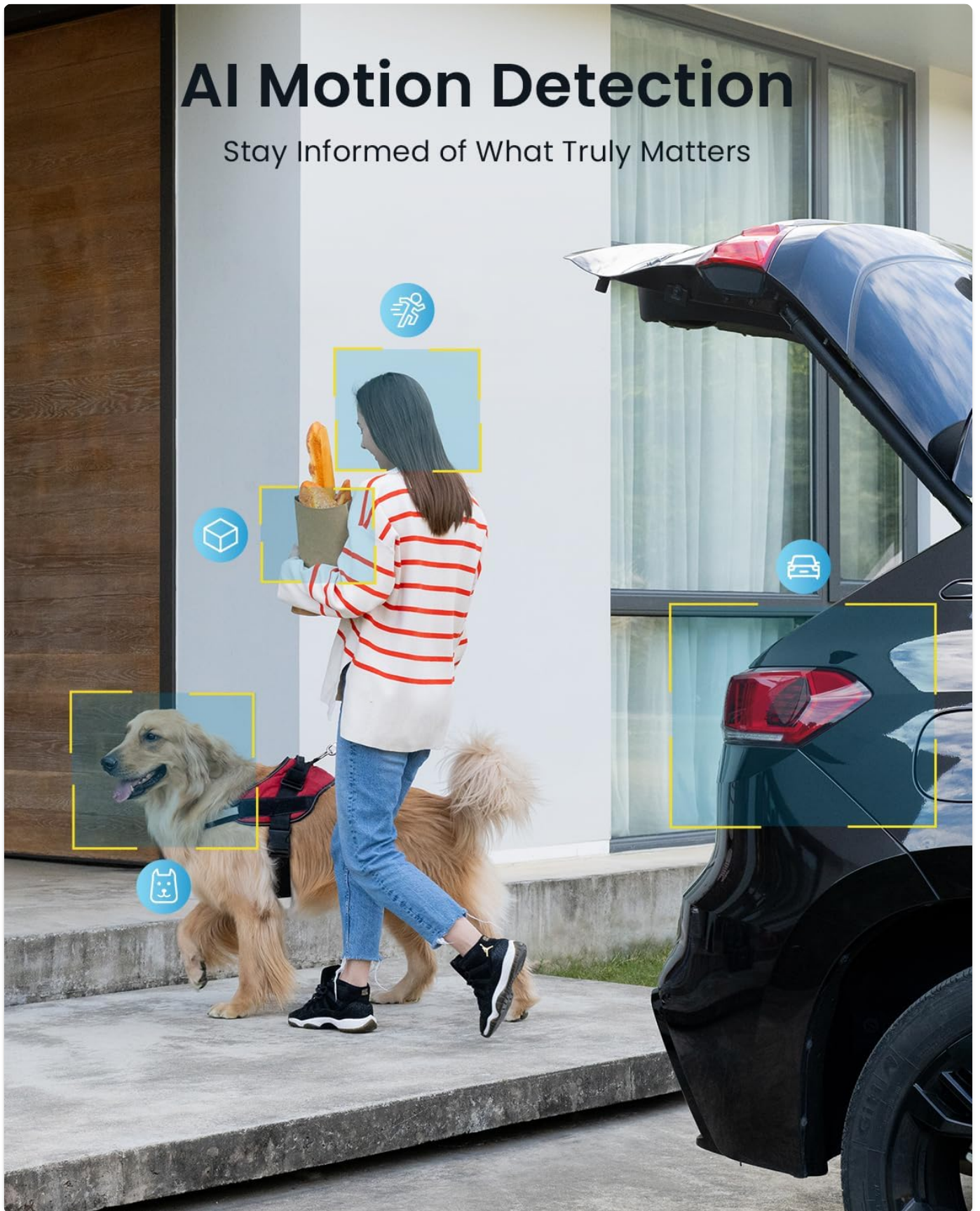
Control options for the camera's integrated spotlight, allowing users to toggle it on or off as needed.

3.3 Smart Human Motion Detection & Alerts

The camera features a PIR motion sensor for accurate human motion detection. Upon detection, you will receive instant notifications. The camera can also activate audio and spotlight warnings to deter intruders. Advanced AI detection (paid function) supports recognition of people, pets, parcels, and vehicles, reducing false alarms.

AI Motion Detection

Stay Informed of What Truly Matters



The camera's active defense mechanisms, including a 200-lumen spotlight, siren warning, and two-way audio, triggered upon motion detection.

Get Instant Alerts

Flexible Alert Settings for Effective Defense



200
Lumen



Siren
Warning



2-Way
Audio

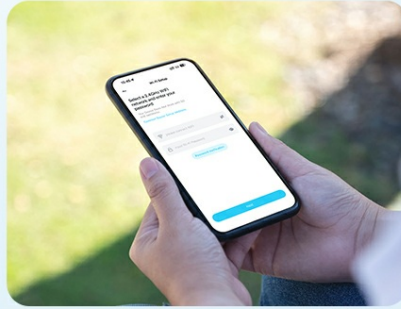
The ieGeek app interface displaying a timeline of motion detection events, categorized by human, pet, vehicle, and package identification.

Secure in 3 Steps



Step 1

Place the camera on a flat surface or wall.



Step 2

Follow the steps in the app to connect to Wi-Fi (Only supports 2.4Ghz Wi-Fi).



Step 3

Ready to all-day protection.

Advanced AI detection capabilities, highlighting the camera's ability to accurately identify and differentiate between people, pets, vehicles, and packages.

3.4 Storage Options & Privacy

The camera offers lifetime free basic cloud storage (6-second motion detection video recording, stored for 30 days) and supports up to 128GB local memory card video recording (micro SD card not included). ieGeek security cameras use AES128 advanced encryption standard technology to ensure your privacy.

Multi-Secure Storage



Up to
128GB
Micro SD Card
Standalone Local Storage (Not included)

6 Sec

Free
Loop Storage



Overview of the camera's multi-secure storage options, including local micro SD card support and free cloud storage.



Illustration emphasizing the camera's use of AES128 bank-grade encryption technology to protect user privacy and data.

3.5 Two-Way Audio

Utilize the two-way audio feature to communicate with visitors or deter unwanted individuals directly through the camera via the app.



9 Years
Product Innovation



500,000+
Families Choice



30+
Countries

Why choose ieGeek?

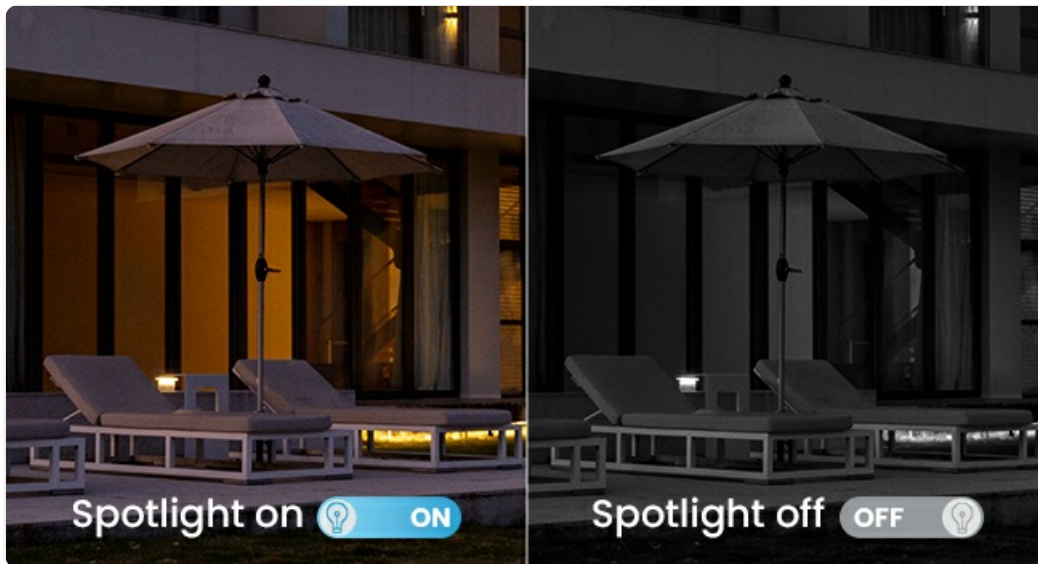
Founded in 2015, ieGeek has been engaged in the R & D design and production of smart security products for 9 years. ieGeek is on a mission to create a safer and worry-free lifestyle by delivering security products that are easy to use. Until now, ieGeek has helped millions of people from all around the world.



A user interacting with someone at their door using the camera's two-way audio function, demonstrating seamless communication.

3.6 Smart Playback

Access recorded footage anytime, anywhere through the ieGeek Cam app. Features include online viewing, snapshot and video recording, and loop recording.



The smart playback interface, allowing users to easily navigate through recorded footage and review events from any location.

4. MAINTENANCE

To ensure optimal performance and longevity of your ieGeek Solar Security Camera, follow these maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency.
- **Clean the Lens:** Gently clean the camera lens with a microfiber cloth to ensure clear image quality. Avoid abrasive materials that could scratch the lens.
- **Check Mounting:** Periodically inspect the camera's mounting bracket and screws to ensure it remains securely fastened, especially after severe weather conditions.
- **Weather Resistance:** The camera is waterproof and designed to withstand various outdoor conditions, including rain and snow, within a temperature range of -14°F to 140°F.

Ideal for Outdoor Use

Rain or Snowing, The Protection Never Stop



The ieGeek camera demonstrating its robust waterproof design, functioning reliably even during rainfall.



Visual representation of the camera's durability and readiness for various weather conditions, from rain to extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your ieGeek Solar Security Camera, consider the following common solutions:

- **No Power/Charging Issues:** Ensure the solar panel is receiving direct sunlight. If the location lacks sufficient sunlight, consider purchasing an external solar panel. Verify the USB charging cable is properly connected.
- **Wi-Fi Connection Problems:** Confirm your Wi-Fi network is 2.4Ghz. The camera does not support 5Ghz Wi-Fi. Ensure the camera is within range of your Wi-Fi router. Try restarting your router and the camera.
- **Poor Image Quality:** Clean the camera lens to remove any smudges or dirt. Check for obstructions in the camera's field of view.
- **Motion Detection Not Working:** Ensure the PIR motion sensor is clear of obstructions. Adjust motion detection sensitivity settings in the app. Verify that motion detection is enabled.
- **App Issues:** Ensure your ieGeek Cam app is updated to the latest version. Try force-closing and reopening the app, or reinstalling it if problems persist.

For further assistance, please contact ieGeek customer support.

6. SPECIFICATIONS

Feature	Detail
Model Name	S1
Video Capture Resolution	2K
Mounting Type	Ceiling & Wall Mount
Colour	White
Power Source	Solar & Battery Powered (5000mAh integrated battery)

Wireless Communication Technology	Wi-Fi (2.4Ghz only)
Viewing Angle	130 Degrees
Night Vision Range	50 Feet
Frame Rate	25 frames_per_second
Water Resistance Level	Waterproof
Item Dimensions L x W x H	12 x 10 x 8 Centimetres
Item Weight	540 g
Compatible Devices	Alexa, Tablet, Smartphone, Smartwatch
Special Features	Embedded Solar Panel, HD Resolution, 2K Color Night Vision, Easy to Set Up, AI motion detection, 2 Way Audio, Works with Alexa, Wi-Fi 6 network, Local Recording

7. WARRANTY AND SUPPORT

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

7.1 Warranty Information

This ieGeek Solar Security Camera comes with a**2-year warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

7.2 Return Policy

A **30-day free returns policy** is available for this product, allowing for refunds or replacements within 30 days of receipt, subject to the seller's terms and conditions.

7.3 Customer Support

For any questions, technical assistance, or warranty claims, please contact our professional after-sales team:

Email: service@iegeek.com

Our support team is available 24/7 to assist you.

After-sales Warranty

24/7

Professional
After-sales Team

30-Day

Free Returns Policy

2-Year

Quality Guarantee

After-Sales Email:

service@iegeek.com

Summary of ieGeek's after-sales support, including 24/7 professional assistance, a 30-day free returns policy, and a 2-year quality guarantee.

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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