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## ieGeek S5

# ieGeek S5 Solar Security Camera Wireless Outdoor User Manual

Model: S5

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ieGeek S5 Solar Security Camera. Please read this guide thoroughly before installation and use to ensure optimal performance and longevity of your device.

### 1.1 Package Contents

Verify that all items are present in your package:

- ieGeek S5 Solar Security Camera (2 units for 2-pack)
- Solar Panel (2 units for 2-pack)
- Mounting Accessories (screws, wall anchors, mounting bracket)
- User Guide

### 1.2 Product Overview

The ieGeek S5 is a 2K 3MP wireless outdoor security camera featuring a removable solar panel for continuous power. It offers 360° pan and tilt functionality, color night vision, AI detection, and two-way audio, all housed in an IP65 weatherproof design.



Image 1.2.1: Two ieGeek S5 Solar Security Cameras with integrated solar panels.

## 2. SETUP

### 2.1 Charging the Camera

Before initial use, fully charge the camera's internal battery using the provided USB cable. Connect the camera to a 5V/2A power adapter. The charging indicator light will show the charging status.

### 2.2 App Installation and Account Creation

1. Download the 'ieGeek Cam' app from the App Store (iOS) or Google Play Store (Android).
2. Open the app and register a new account or log in with an existing one.

### 2.3 Camera Pairing (Bluetooth Setup)

1. Ensure your smartphone's Bluetooth is enabled.

2. Open the ieGeek Cam app and tap the '+' icon to add a new device.
3. Follow the on-screen prompts to allow the app to discover your camera via Bluetooth.
4. Select your 2.4GHz Wi-Fi network and enter the password. (Note: The camera only supports 2.4GHz Wi-Fi, not 5GHz).
5. Once connected, the camera will be added to your device list in the app.

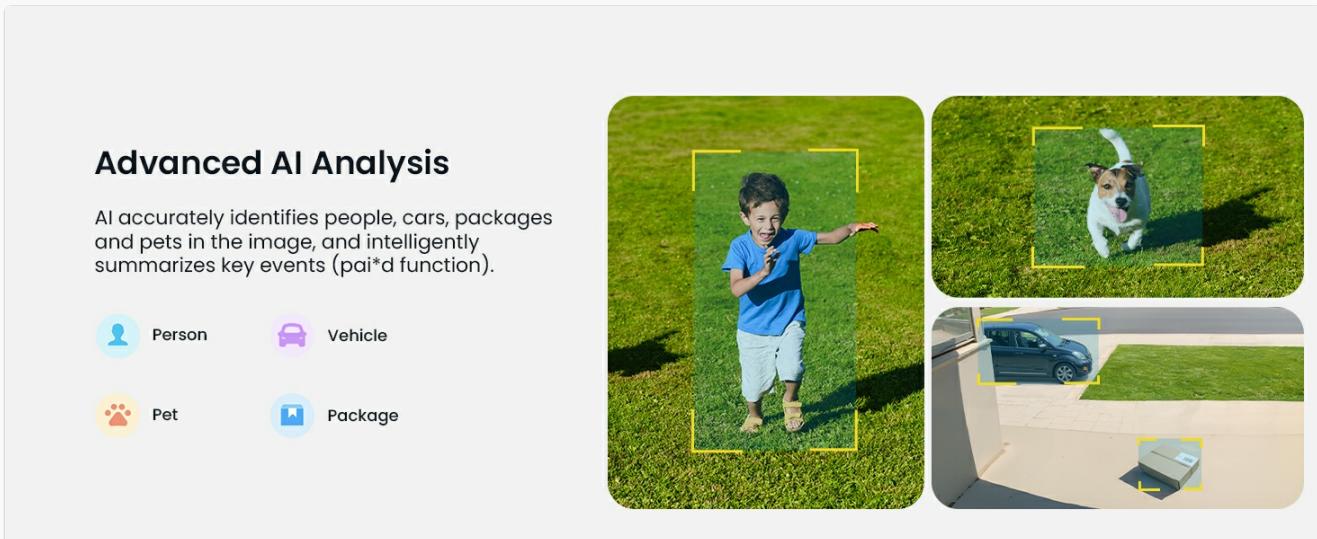


Image 2.3.1: The ieGeek Cam app displaying the one-tap pairing interface.

## 2.4 Mounting the Camera and Solar Panel

The ieGeek S5 offers flexible mounting options for the solar panel: integrated with the camera or separated for optimal sun exposure.

1. **Choose a Location:** Select a location that provides a clear view of the monitoring area and ensures the solar panel receives maximum direct sunlight throughout the day.
2. **Integrated Mount:** Attach the solar panel directly to the top of the camera. Secure the camera to a wall or ceiling using the provided mounting bracket and screws. Adjust the angle for best solar exposure.
3. **Separate Mount:** If direct sunlight is not available at the camera's desired location, mount the solar panel separately in a sunnier spot using its own bracket. Connect the solar panel to the camera with the included cable.

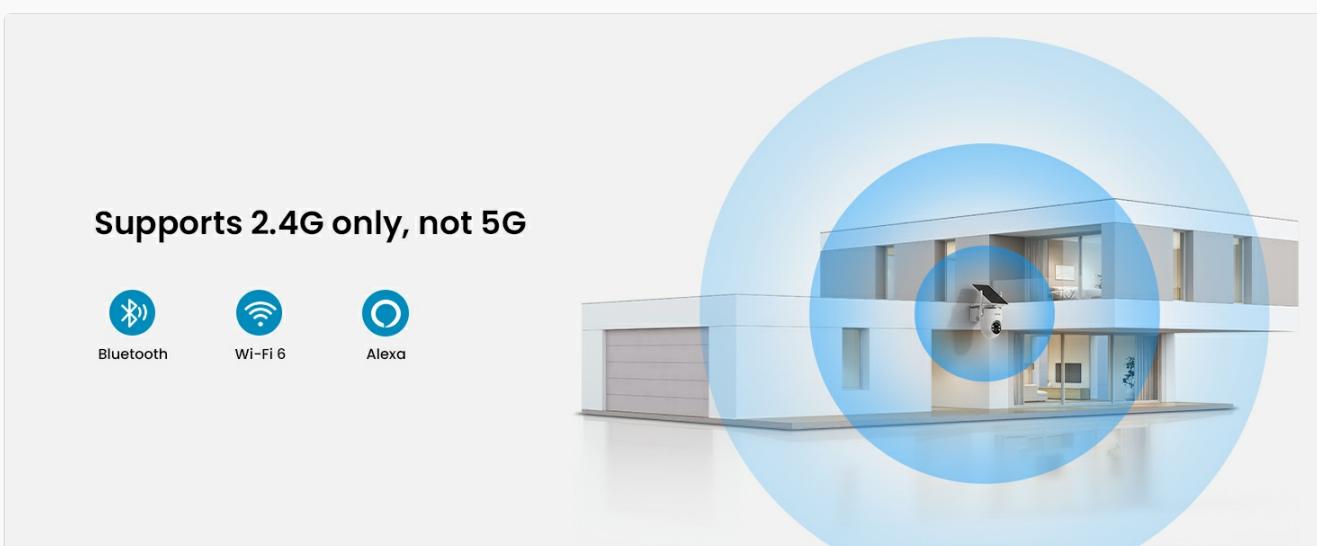


Image 2.4.1: Visual guide for integrated and separate solar panel installation.

## Smart-Device Compatibility

Synchronize your home security with smart devices, enjoy a smarter home life.



Image 2.4.2: Examples of rotatable and removable solar panel mounting configurations.

## 3. OPERATING INSTRUCTIONS

### 3.1 Live View and Playback

Access the ieGeek Cam app to view live footage from your camera. You can also review recorded events from the cloud storage (7-day free) or a locally installed microSD card (up to 256GB).



Image 3.1.1: Smart Playback interface within the ieGeek Cam app.

### 3.2 Pan and Tilt Control

The camera features 355° horizontal pan and 90° vertical tilt. Use the controls within the ieGeek Cam app to remotely adjust the camera's viewing angle, eliminating blind spots.

## Multifunctional Protective Home Security

Freely choose the combination of light or alarm to effectively drive away intruders at night.

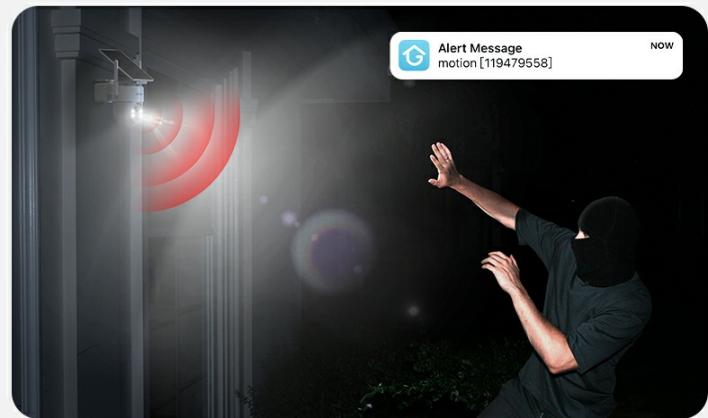


Image 3.2.1: Visual representation of the camera's 355° pan and 90° tilt capabilities.

### 3.3 Night Vision Modes

The camera supports 2K Color Night Vision, providing clear, full-color images even in low-light conditions. It also has an infrared night vision mode for discreet monitoring.

#### Smart Playback

Quickly find key moments with app activity classification / time selection / fast forward and rewind playback.

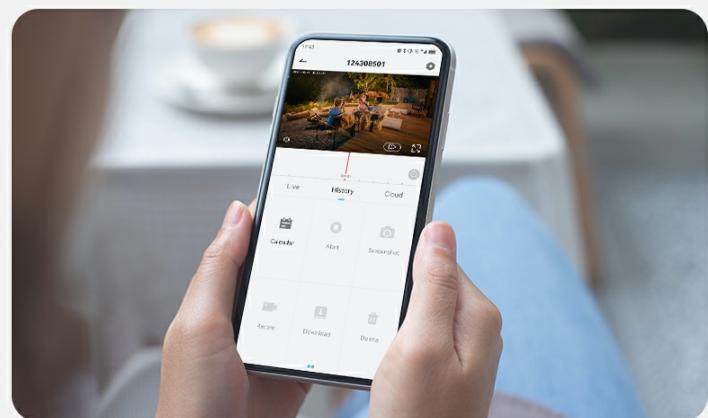


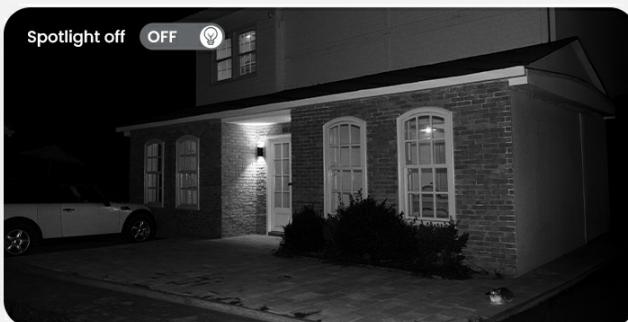
Image 3.3.1: Demonstration of Infrared Night Vision versus Color Night Vision.

### 3.4 AI Detection and Alerts

The ieGeek S5 utilizes advanced AI human detection and PIR sensors to accurately identify people, vehicles, pets, and packages, reducing false alarms. When motion is detected, you will receive instant alerts on your smartphone. The camera can also activate a siren and spotlight to deter intruders.

## Color Night Vision

Multiple night vision options with 4 infrared combination lights.



Infrared Night Vision



Color Night Vision

Image 3.4.1: Smart PIR Detection features including siren, spotlight, and app alerts.



Image 3.4.2: Advanced AI Analysis for identifying different objects.

### 3.4.1 Customized Area Detection

You can define specific motion zones and working times within the app to focus monitoring on critical areas and reduce unnecessary alerts. Detection sensitivity can also be adjusted.



Image 3.4.1.1: Customized motion detection area settings.

### 3.5 Two-Way Audio

The built-in microphone and speaker allow for real-time two-way communication through the app. This feature is useful for greeting visitors or deterring unwanted individuals.



Image 3.5.1: Clear real-time interaction via two-way audio.

### 3.6 Multi-User Sharing and Smart Device Compatibility

The ieGeek Cam app allows you to share camera access with family members. The camera is also compatible with smart devices, enabling integration into a broader smart home ecosystem.



Image 3.6.1: Multi-user sharing and smart device compatibility.

## 4. MAINTENANCE

### 4.1 Solar Panel Efficiency

The 3W BC Solar Panel is designed for high efficiency, even in low-light conditions. To maintain optimal charging performance, ensure the solar panel is clean and free from dust, dirt, or obstructions. Periodically wipe the surface with a soft, damp cloth.

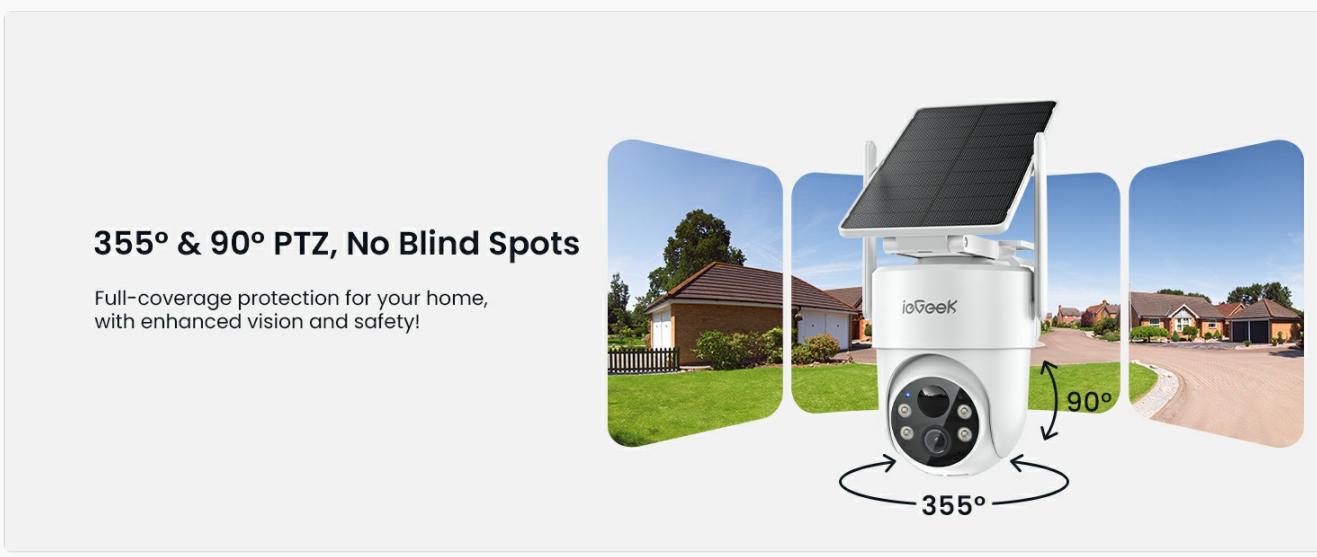


Image 4.1.1: Next-Gen BC Solar Panel technology for efficient charging.

## 4.2 Weather Resistance

The camera is rated IP65 weatherproof, designed to withstand various outdoor conditions including rain, snow, and extreme temperatures ranging from -10°C to 50°C (14°F to 122°F). While robust, avoid submerging the camera in water or exposing it to high-pressure water jets.

### Customized Area Detection

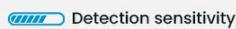
Your specified times and areas will receive dedicated monitoring, ensuring reliable protection and peace of mind.



Motion zone



Working time



Detection sensitivity



Image 4.2.1: The camera's IP65 weatherproof rating ensures durability in harsh weather.

## 4.3 Battery Management

The camera is powered by two C batteries (included) with a capacity of 5000 Milliamp Hours. The solar panel continuously recharges these batteries. If the camera is installed in an area with insufficient sunlight, occasional manual charging via USB may be required.

## 5. TROUBLESHOOTING

### • Camera Offline/No Connection:

Ensure the camera is within range of your 2.4GHz Wi-Fi router. Check router settings to confirm it's not operating solely on 5GHz. Restart the camera and your router. Re-pair the camera if necessary.

### • Poor Night Vision Quality:

Ensure the camera lens is clean. Check for any obstructions blocking the infrared or spotlight LEDs. Adjust the camera's position to minimize glare from external light sources.

### • Frequent False Alerts:

Adjust the AI detection sensitivity in the app. Define specific motion detection zones to exclude areas with frequent irrelevant movement (e.g., trees swaying).

### • Battery Not Charging:

Ensure the solar panel is clean and receiving direct sunlight for several hours daily. Check the connection cable between the solar panel and the camera. If using a separate solar panel, ensure it is positioned optimally.

### • Two-Way Audio Issues:

Check your smartphone's microphone and speaker permissions for the ieGeek Cam app. Ensure your internet connection is stable.

## 6. SPECIFICATIONS

Feature	Specification
Model	S5
Video Resolution	2K (2304x1296) 3MP
Pan/Tilt Angle	355° Pan, 90° Tilt
Digital Zoom	4x
Night Vision	Color Night Vision, Infrared Night Vision (up to 33 feet)
Power Source	Battery Powered (2 C batteries, 5000mAh), 3W BC Solar Panel
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n), Bluetooth for setup
Storage Options	MicroSD Card (up to 256GB), 7-day Free Cloud Storage
Weather Resistance	IP65
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Audio	Two-Way Audio
Detection	AI Human Detection, PIR Sensor, Customizable Motion Zones
Dimensions (L x W x H)	6.8 x 6.5 x 4.4 inches
Weight	3.6 Pounds

## 7. WARRANTY AND SUPPORT

### 7.1 Product Warranty

Your ieGeek S5 Solar Security Camera comes with a comprehensive 2-year protection plan, ensuring peace of mind regarding product quality and performance.

### 7.2 Customer Support

For technical assistance, product guidance, or any inquiries, please contact our dedicated US-based customer support team. We are committed to providing prompt and satisfactory assistance.

Visit the official ieGeek Store for more information and support resources: [ieGeek Store on Amazon](#)

 <p>PTZ Battery Security Camera <b>USER MANUAL</b></p> <p>Official Email: <a href="mailto:service@iegeek.com">service@iegeek.com</a></p>	<p><a href="#"><b>ieGeek PTZ Battery Security Camera User Manual</b></a></p> <p>User manual for the ieGeek PTZ Battery Security Camera, providing instructions on setup, connection, charging, installation, and troubleshooting.</p>
 <p>PTZ BATTERY SECURITY CAMERA <b>USER MANUAL</b></p> <p>Official Email: <a href="mailto:service@iegeek.com">service@iegeek.com</a></p>	<p><a href="#"><b>ieGeek DQ201 PTZ Battery Security Camera User Manual</b></a></p> <p>Comprehensive user manual for the ieGeek DQ201 PTZ Battery Security Camera, covering introduction, app installation, camera setup, charging, installation guides, PIR motion sensor notes, and FAQs.</p>
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 <p>Wire-free Battery Camera <b>User manual</b></p> <p>ZS-GX3S</p> <p>Sales Email: <a href="mailto:service@iegeek.com">service@iegeek.com</a> Official website: <a href="http://www.iegeek.com">http://www.iegeek.com</a></p>	<p><a href="#"><b>ieGeek ZS-GX3S Wire-free Battery Camera User Manual</b></a></p> <p>User manual for the ieGeek ZS-GX3S wire-free battery camera, covering setup, Wi-Fi connection, charging, installation, and troubleshooting.</p>
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