ieGeek ieGeek S1 Pro

ieGeek 5MP Solar Security Camera User Manual

MODEL: IEGEEK S1 PRO

Brand: ieGeek

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1. INTRODUCTION

The ieGeek S1 Pro is an advanced 5MP solar-powered wireless outdoor security camera designed for home surveillance. It features an integrated solar panel for continuous power, AI motion detection, color night vision, and two-way audio communication. This manual provides detailed instructions for setting up, operating, and maintaining your camera.

Key Features:

- **Upgraded 5MP Super HD:** Captures moments in ultra-sharp 3K 5-megapixel resolution, ensuring no key details are missed. Features keen sharp eyes for total darkness and crystal clear images at night.

- **All-in-One Design:** Eliminates the need for separate power and solar cables, simplifying installation with a single drill hole.

- **Integrated Solar Panel:** Continuously charges the built-in battery. Just 2 hours of full sun charging provides 1 day of energy.

- **Intelligent Notifications:** Equipped with advanced PIR motion sensor and a powerful human shape database to accurately distinguish people from other objects. Instant notifications are sent to the ieGeek Cam app.

- **Flexible Storage Options:** Supports local footage storage via a micro memory card (up to 128GB, not included) and offers complimentary lifetime access to the ieGeek cloud storage basic service (6 seconds, 7-day looping coverage).

- **Privacy First:** Utilizes advanced encryption standard technology AES128 to ensure your privacy data remains secure and accessible only by you.

- **Durable for Outdoor Use:** Designed to withstand various weather conditions, ensuring continuous protection.

2. PACKAGE CONTENTS

Before installation, please ensure all items are present in the box:

- Solar security camera
- Type-C cable
- Mount
- Instruction manual
- Screws
- Plugs

3. INSTALLATION

The ieGeek S1 Pro is designed for easy, wire-free installation. Choose a location with ample sunlight for the integrated solar panel and a stable 2.4GHz Wi-Fi signal.

Mounting the Camera:

1. Select a suitable mounting location. The camera is designed for outdoor use and can withstand various weather conditions.
2. Use the provided mounting template to mark the drill holes.
3. Drill the holes and insert the wall plugs if mounting on masonry.
4. Secure the mounting base to the wall using the provided screws.
5. Attach the camera to the mounting base. Adjust the camera angle to ensure optimal viewing and solar panel exposure.

Figure 3.1: Easy Installation

For a visual guide on mounting and testing the camera's features, please refer to the video below:

Your browser does not support the video tag.

Video 3.1: Demonstrates the mounting process, alarm sound, LED test, and night vision capabilities of the ieGeek S1 Pro camera.

4. OPERATION

4.1 Powering On and Initial Setup

The camera is powered by an internal battery continuously charged by the integrated solar panel. Ensure the camera is fully charged before initial use, or place it in direct sunlight for a few hours.

4.2 Connecting to Wi-Fi

The ieGeek S1 Pro connects via 2.4GHz Wi-Fi. Download the 'ieGeek Cam' app (or 'CloudEdge' app) from your smartphone's app store. Follow the in-app instructions to add your camera and connect it to your home Wi-Fi network. Avoid installing the camera in corners, load-bearing walls, or near large appliances that may interfere with the signal.

4.3 AI Motion Detection and Alerts

The camera features advanced PIR motion detection with a human shape database to accurately identify people. When motion is detected, you will receive instant notifications on your ieGeek Cam app.

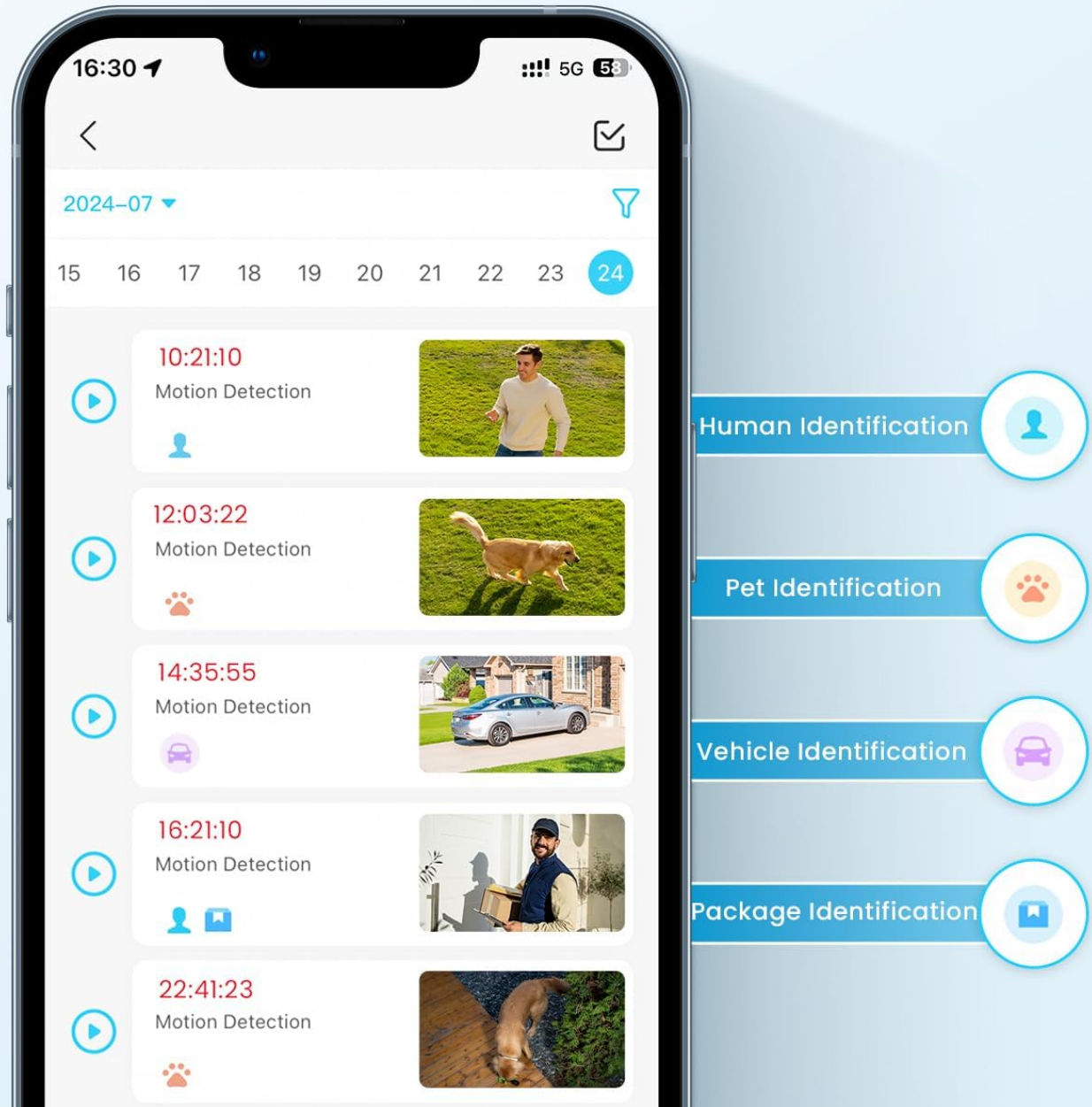# AI Motion Detection

Stay Informed of What Truly Matters

Figure 4.1: AI Motion Detection Interface

4.4 Two-Way Audio

Utilize the two-way audio feature to communicate with visitors or deter intruders directly through the app. The camera is equipped with a speaker and microphone for clear communication.

4.5 Night Vision and Spotlight

The camera provides clear vision even in total darkness. Bright spotlights can be activated to reveal details in color night vision. You can also activate a siren to deter intruders. The video in Section 3.1 demonstrates the alarm sound and LED test.

Figure 4.2: Instant Alerts and Deterrent Features

4.6 Storage Options

Recordings can be stored locally on a Micro SD card (up to 128GB, not included) or via the complimentary lifetime ieGeek cloud storage basic service (6-second recordings with a 7-day looping coverage). There are no hidden fees associated with the basic cloud storage.

Figure 4.3: Multi-Secure Storage Options

5. MAINTENANCE

To ensure optimal performance and longevity of your ieGeek S1 Pro camera, regular maintenance is recommended:

- **Clean the Lens and Solar Panel:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct vision or reduce charging efficiency.

- **Check Mounting Security:** Ensure the camera remains securely mounted to prevent accidental falls or misalignment.
- **Monitor Battery Level:** While solar-powered, check the battery level in the app occasionally, especially during prolonged periods of low sunlight, to ensure continuous operation.
- **Software Updates:** Keep the ieGeek Cam app updated to the latest version to benefit from new features and security enhancements.

6. TROUBLESHOOTING

If you encounter issues with your ieGeek S1 Pro camera, try the following common troubleshooting steps:

- **No Power/Low Battery:** Ensure the solar panel is receiving adequate direct sunlight. If necessary, charge the camera using the provided Type-C cable.
- **Wi-Fi Connectivity Issues:** Verify your Wi-Fi network is 2.4GHz. Move the camera closer to the router or consider a Wi-Fi extender if the signal is weak. Avoid physical obstructions like thick walls.
- **Motion Detection Not Working:** Check the motion detection settings in the ieGeek Cam app. Adjust sensitivity and detection zones. Ensure there are no obstructions in the camera's field of view.
- **Poor Image Quality:** Clean the camera lens. Ensure there is sufficient lighting, especially for color night vision.
- **Alarm/Spotlight Not Activating:** Check the settings in the app to ensure these features are enabled and configured correctly.
- **App Not Responding:** Close and restart the ieGeek Cam app. If the issue persists, reinstall the app.

For persistent issues, please contact ieGeek customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	ieGeek Solar Cam S1 Pro
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	5MP
Power Source	Battery & Solar Powered
Connectivity Technology	Wi-Fi 6 Technology (2.4GHz Wi-Fi only)
Controller Type	CloudEdge, Amazon Alexa, ieGeek Cam
Mounting Type	Wall /Ceiling Mount
Viewing Angle	130 Degrees
Night Vision Range	50 Feet

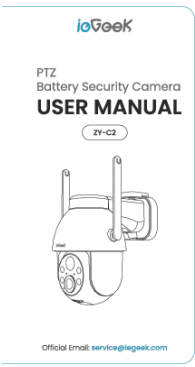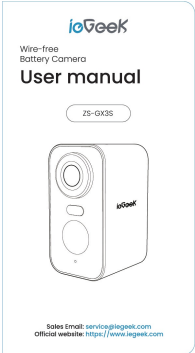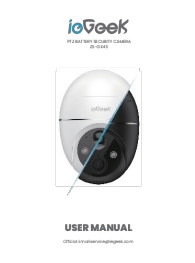|	
Water Resistance Level	Waterproof (IP66)
Item Dimensions (L x W x H)	4.5 x 3.7 x 2.2 inches
Item Weight	1.15 pounds
Batteries	1 C battery required (included)
UPC	734931741755

8. WARRANTY AND SUPPORT

ieGeek offers a 2-year warranty on the ieGeek S1 Pro outdoor solar camera. If you experience any issues while using the camera, please do not hesitate to contact ieGeek customer support for assistance. We are committed to providing high-quality products and the best solutions to our customers.

Founded in 2015, ieGeek's R&D department has been engaged in the design and production of smart security products for 9 years. We are dedicated to providing high-quality products and ensuring your privacy is our top priority.

For support, please reach out to: service@iegeek.com

Related Documents - ieGeek S1 Pro

	[ieGeek ZY-C2 PTZ Battery Security Camera User Manual](#) This user manual provides comprehensive instructions for the ieGeek ZY-C2 PTZ Battery Security Camera, covering setup, installation, features, and troubleshooting.
	[ieGeek DQ201 PTZ Battery Security Camera User Manual](#) 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.

![ieGeek ZS-GX3S manual cover]	**[ieGeek ZS-GX3S Wire-free Battery Camera User Manual](#)** User manual for the ieGeek ZS-GX3S wire-free battery camera, covering setup, Wi-Fi connection, charging, installation, and troubleshooting.
![ieGeek ZS-GX4S manual cover]	**[ieGeek ZS-GX4S PTZ Battery Security Camera User Manual](#)** User manual for the ieGeek ZS-GX4S PTZ Battery Security Camera, covering camera introduction, app installation, account registration, Wi-Fi connection, battery charging, installation guides, PIR motion sensor notes, and FAQs.
![ieGeek PTZ Battery manual cover]	**[ieGeek PTZ Battery Security Camera User Manual](#)** User manual for the ieGeek PTZ Battery Security Camera, providing instructions on setup, connection, charging, installation, and troubleshooting.
![ieGeek PTZ Outdoor manual cover]	**[ieGeek PTZ Outdoor Security Camera User Manual](#)** User manual for the ieGeek PTZ Outdoor Security Camera, providing setup instructions, features, and troubleshooting.