

ieGeek ZY-E2

ieGeek 5MP Floodlight Camera ZY-E2 User Manual

Model: ZY-E2

Brand: ieGeek

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ieGeek 5MP Floodlight Camera ZY-E2. This device is designed to enhance outdoor home security with its advanced features.

Key features include:

- **5MP High-Resolution Video:** Captures clear and detailed footage.
- **Dual-Band Wi-Fi:** Supports both 2.4GHz and 5GHz networks for stable connectivity.
- **Smart Motion Detection:** Features a 150° PIR sensor with customizable detection zones and sensitivity.
- **Integrated Floodlights and Siren:** Provides 2600 lumens of illumination and a 110dB siren for deterrence.
- **Color Night Vision:** Offers enhanced visibility in low-light conditions up to 49 feet (15 meters).
- **Two-Way Audio:** Enables real-time communication through the camera.
- **24/7 Recording:** Continuous recording capability with local and cloud storage options.
- **Alexa Compatibility:** Integrates with Amazon Alexa for voice control and live view.
- **IP65 Weatherproof:** Designed for outdoor use in various weather conditions.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 × ieGeek Floodlight Camera
- 1 × Mounting Plate
- 1 × Installation Hook
- 1 × Central Screw
- 1 × Central Screw Cap
- 3 × Plate Screws
- 3 × Wire Nuts
- 1 × Instruction Manual

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- 1 × Instruction Manual



Image: All components included in the ieGeek Floodlight Camera package.

3. PRODUCT OVERVIEW

The ieGeek Floodlight Camera ZY-E2 combines a high-resolution camera with powerful floodlights and a motion sensor, all housed in a durable, weatherproof casing. The camera unit is centrally located, flanked by two adjustable LED floodlights. A PIR motion sensor is integrated below the camera lens.



Image: Front view of the ieGeek Floodlight Camera ZY-E2.

The device is designed for hard-wired installation to an existing junction box, ensuring continuous power and reliable operation.

4. SETUP AND INSTALLATION

4.1 Before Installation

- **Safety First:** Always turn off power at the circuit breaker before beginning any electrical installation.
- **Tools Required:** You will need a screwdriver, wire strippers, and a drill (if mounting holes are not pre-existing).
- **App Download:** Download the "ieGeek Cam" app from the App Store (iOS) or Google Play Store (Android).

4.2 Physical Installation

1. **Prepare Wiring:** Ensure power is off. Connect the camera's wires to your existing junction box wiring (Live, Neutral, Ground) using the provided wire nuts.
2. **Mounting:** Secure the mounting plate to the junction box. Attach the camera unit to the mounting plate using the central screw and cap.
3. **Adjust Angle:** The floodlights and camera can be rotated independently to achieve the desired coverage area.

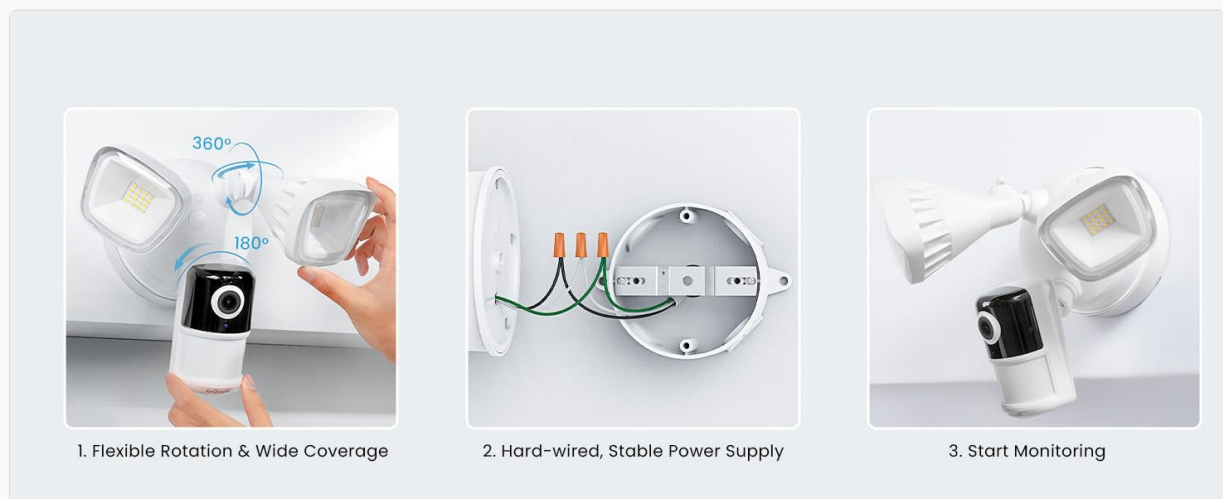


Image: Installation steps for the ieGeek Floodlight Camera.

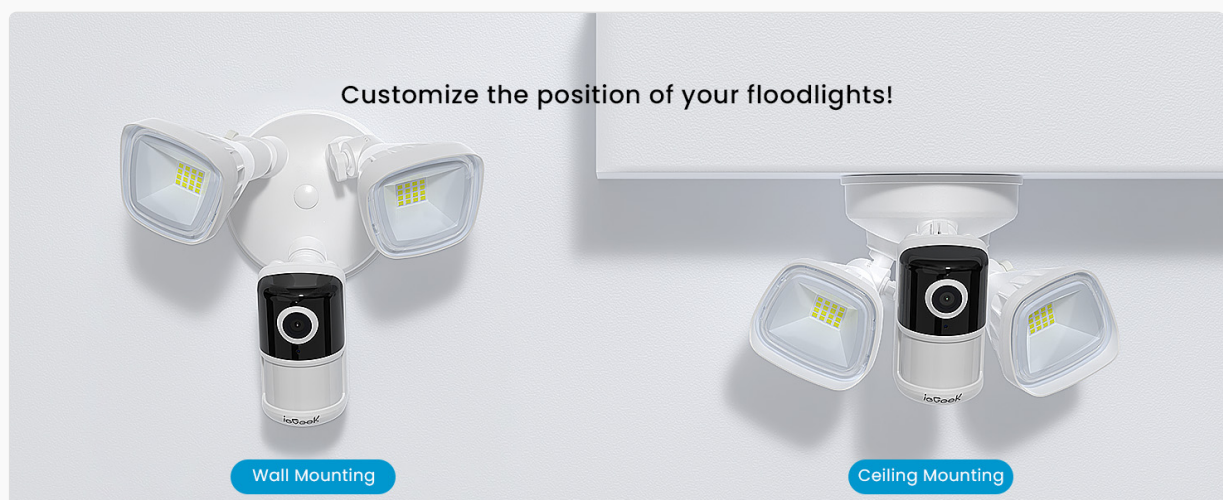


Image: Wall mounting and ceiling mounting configurations.

Rotate Light and Camera Freely

Provides a Wider Viewing Angle

Tips: Junction box not included



Image: Adjusting the camera and floodlight angles.

4.3 App Configuration

1. **Power On:** Restore power at the circuit breaker. The camera will enter setup mode.
2. **Open App:** Launch the "ieGeek Cam" app and follow the on-screen instructions to add a new device.
3. **Connect to Wi-Fi:** The camera supports both 2.4GHz and 5GHz Wi-Fi networks. Select your network and enter the password. Bluetooth pairing is also available for faster initial setup.
4. **Complete Setup:** Follow any remaining prompts to finalize the camera configuration.

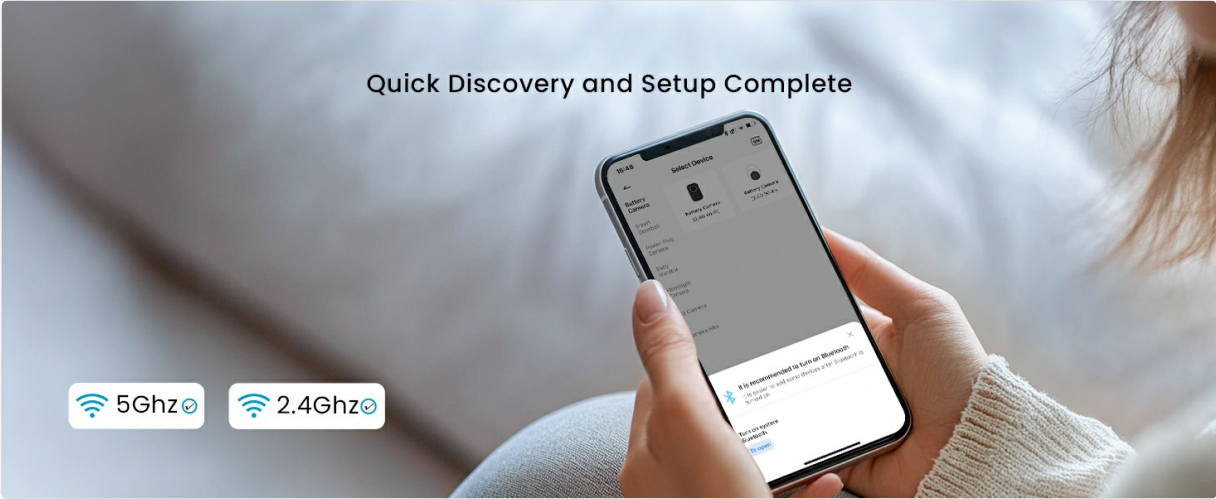


Image: App interface for quick device discovery and setup.

Support Dual-Band WiFi

Ensures Worry-free Connectivity

5Ghz ✓

2.4Ghz ✓

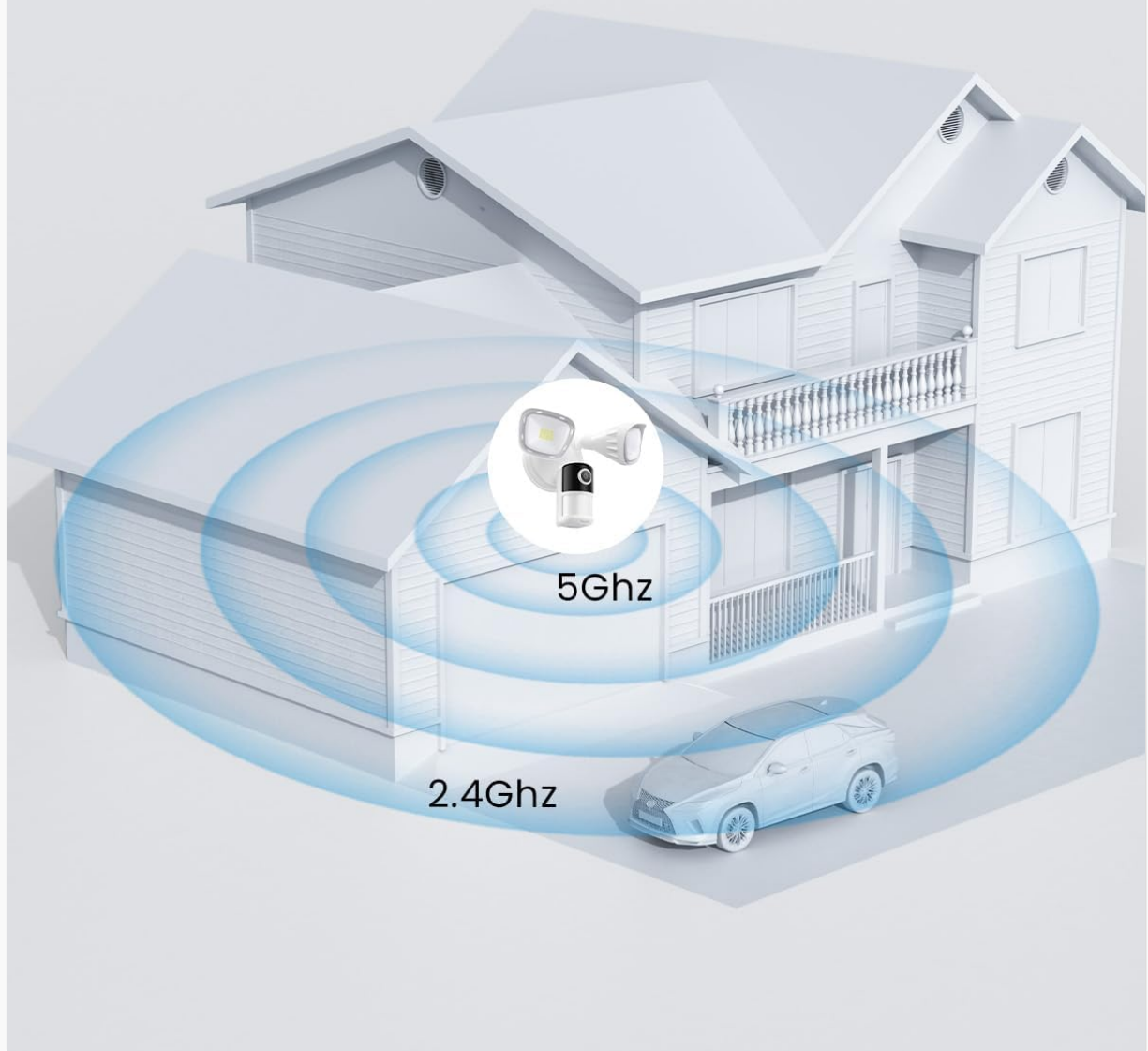


Image: Dual-band Wi-Fi connectivity (2.4GHz and 5GHz).

One-Touch Pairing-50% Faster

One-click auto-pairing eliminates searching for the corresponding product in the app and speeds up the connection process by 50%. Compared to a WiFi connection, it receives less signal interference and doubles the connection success rate.

30%↓
Less Interference

50%↑
Faster Pairing

99%✓
Success Rate



Image: One-touch Bluetooth pairing for faster setup.

5. OPERATION

5.1 Live View and Recording

Access the live video feed through the ieGeek Cam app. You can view real-time footage, take screenshots, and manually initiate video recordings directly from the app interface.

Upgraded 5MP UHD Video

Capture More Details Around Property



Image: 5MP UHD video quality from the camera.

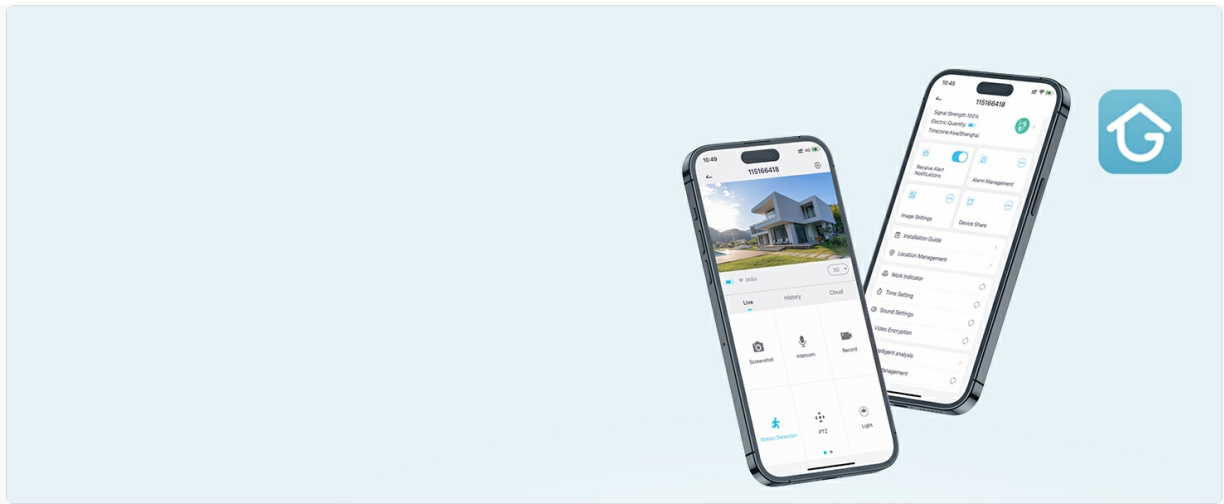


Image: ieGeek Cam app live view interface.

5.2 Motion Detection and Alerts

The camera features a 150° PIR motion sensor. When motion is detected, the floodlights can activate, and an optional 110dB siren can sound. Real-time notifications are sent to your smartphone. You can customize detection zones and adjust sensitivity levels (1-10) within the app to minimize false alerts.

Activated Lights & Siren Alarm

Powerful Deterrence for 24/7 Security



105dB
Siren



Motion
Detection



Real-time
Alerts

"Go Away!"

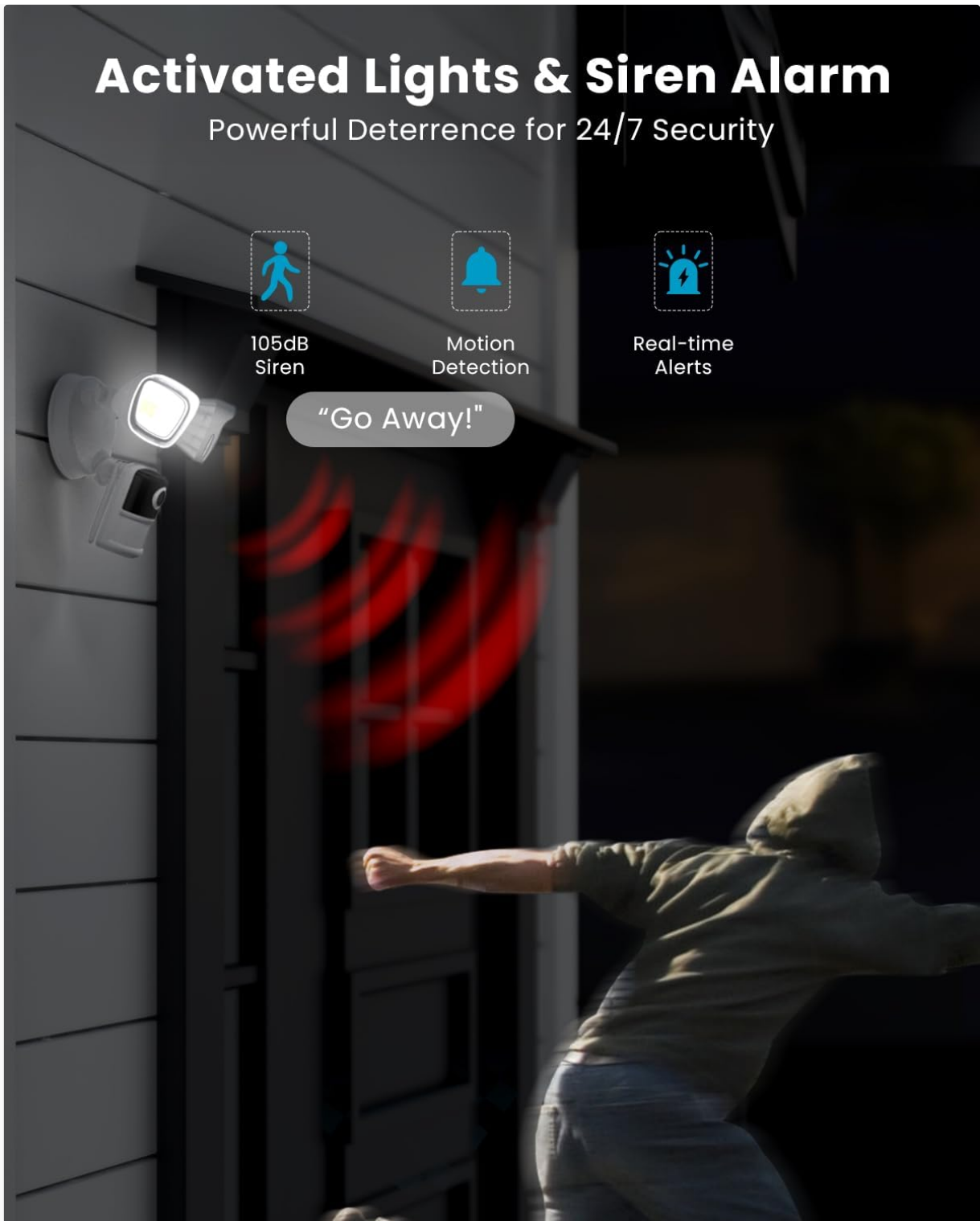


Image: Activated lights and siren alarm upon motion detection.

150° PIR Sensor & 130° View Angle

Up to 25m Colorful Night Vision



Image: 150° PIR sensor and 130° view angle with night vision range.

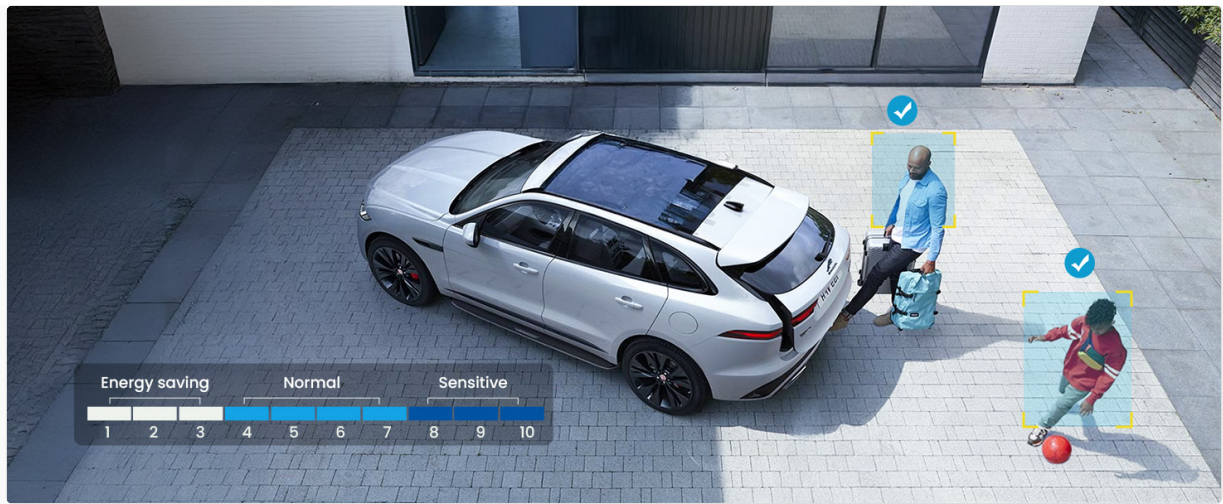


Image: Customizable motion detection zones and sensitivity levels.



Image: Real-time alert notification on a smartphone.

5.3 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to speak with visitors, delivery personnel, or deter unwanted individuals directly through the app.

2 Way Audio&Works with Alexa



Image: Two-way audio communication in use.



Image: Interacting with a delivery person using two-way audio.

5.4 Floodlight Control

The floodlights provide 2600 lumens of brightness. You can adjust the brightness levels (1-7) and set custom schedules for the lights to turn on and off via the ieGeek Cam app.



Image: Adjustable 2600 lumens floodlight brightness.

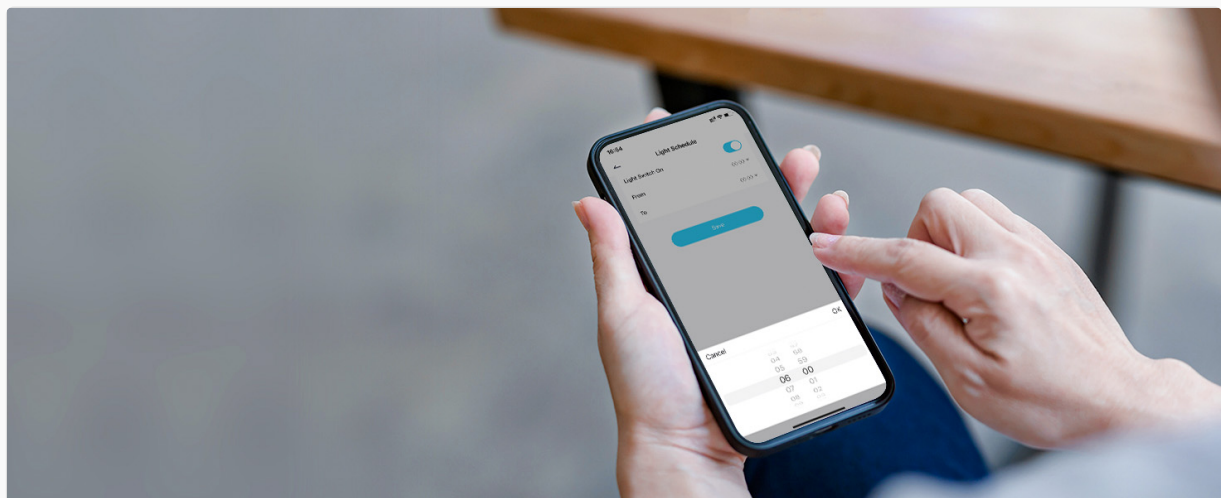


Image: Scheduling floodlight operation via the app.

5.5 Storage Options

Video recordings can be stored in two ways:

- **Micro SD Card:** Insert a micro SD card (up to 128GB, not included) into the designated slot for local storage.
- **Cloud Storage:** A free cloud service provides 6 seconds of recording and 7 days of loop coverage. Premium cloud storage plans are available as an optional subscription for extended features.



Image: 24/7 recording capability.

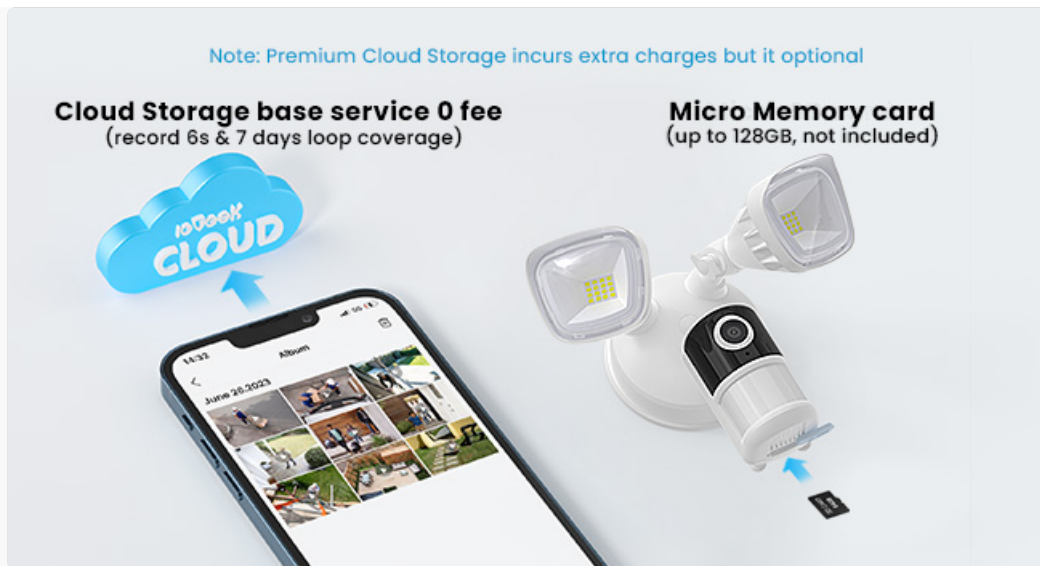


Image: Local Micro SD card and Cloud storage options.

5.6 Alexa Integration

The ieGeek Floodlight Camera is compatible with Amazon Alexa. Link your camera to your Alexa account to enable voice commands for viewing live feeds on compatible Alexa-enabled devices.



Image: Two-way audio and Alexa compatibility.



Image: Using Alexa to view the camera feed.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and floodlight covers with a soft, damp cloth to ensure optimal performance and clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the ieGeek Cam app periodically for available firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features and security enhancements.
- **Weather Protection:** The camera has an IP65 waterproof rating, making it suitable for most weather conditions. Ensure all connections are sealed properly during installation to maintain water resistance.

IP65 Waterproof

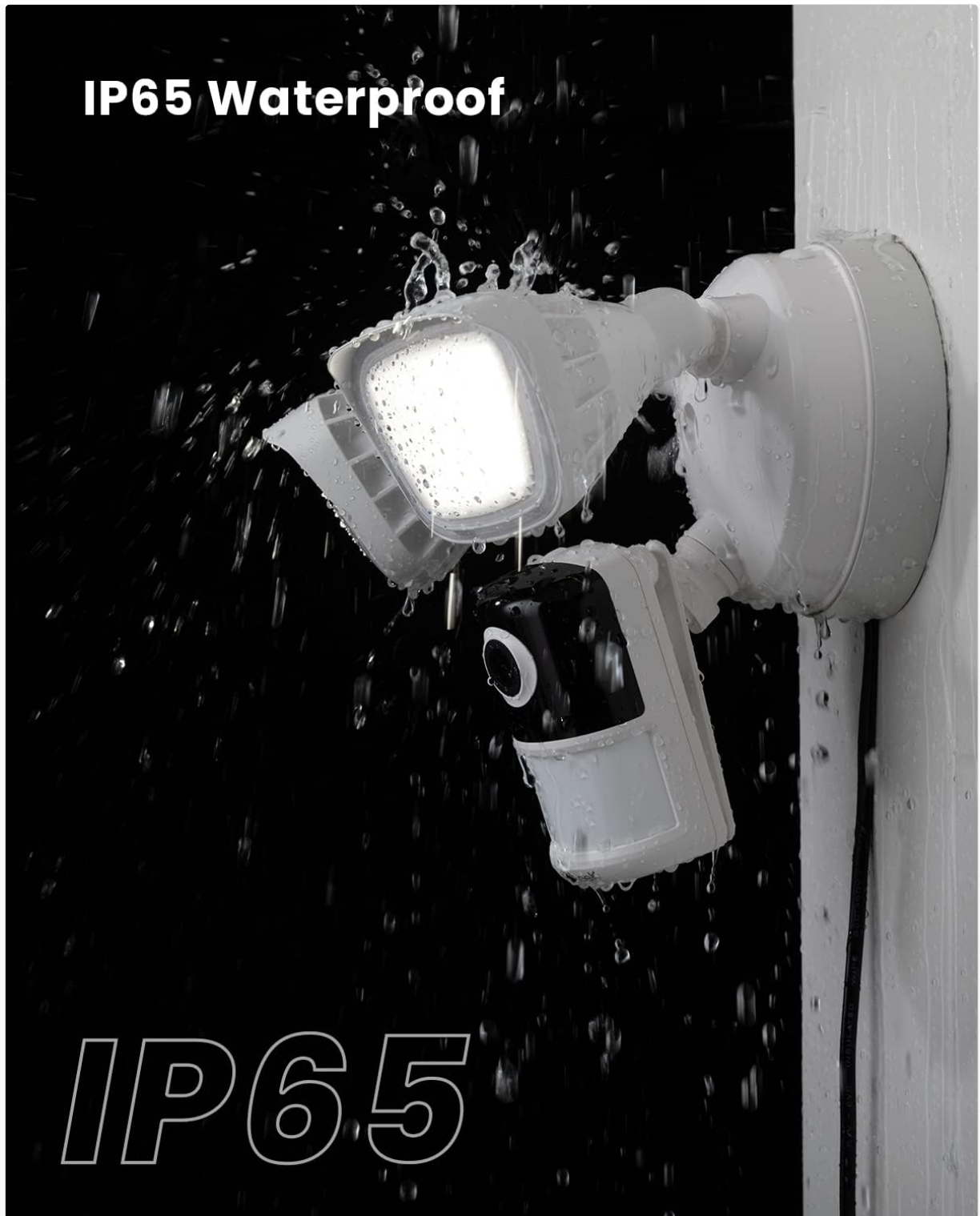


Image: IP65 waterproof rating for outdoor durability.

7. TROUBLESHOOTING

- **No Power:** Ensure the circuit breaker is on and all wiring connections are secure.
- **Wi-Fi Connection Issues:** Verify your Wi-Fi password is correct. Ensure the camera is within range of your router. Try restarting your router and the camera. The camera supports both 2.4GHz and 5GHz networks.
- **Poor Video Quality:** Check for obstructions on the lens. Ensure the camera is clean. Verify your internet connection speed.
- **Motion Detection Not Working:** Check motion detection settings in the app, including sensitivity and detection zones. Ensure the PIR sensor is not obstructed.

- **App Not Responding:** Close and reopen the app. If the issue persists, reinstall the app.

For further assistance, please refer to the support section or contact customer service.

8. SPECIFICATIONS

Feature	Specification
Model Number	ZY-E2
Video Capture Resolution	5MP
Connectivity	Dual-Band Wi-Fi (2.4GHz/5GHz)
Motion Sensor	150° PIR
Floodlight Brightness	2600 Lumens (Adjustable)
Siren	110dB
Night Vision	Color Night Vision (up to 49 feet / 15 meters)
Audio	Two-Way Audio
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Weather Resistance	IP65 Waterproof
Product Dimensions	11.02 x 7.09 x 5.91 inches
Item Weight	2.88 pounds






9. WARRANTY AND SUPPORT

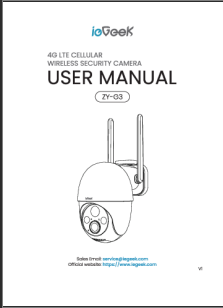
The ieGeek Floodlight Camera ZY-E2 comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use conditions.

For technical support, warranty claims, or any questions regarding your product, please refer to the contact information provided in your Quick Start Guide or visit the official ieGeek support website. Please have your model number (ZY-E2) and purchase details ready when contacting support.

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Related Documents - ZY-E2

 <p>ieGeek PTZ OUTDOOR SECURITY CAMERA USER MANUAL After sales: trouble@iegeek.com</p>	<p>ieGeek PTZ Outdoor Security Camera User Manual</p> <p>User manual for the ieGeek PTZ Outdoor Security Camera, providing setup instructions, features, and troubleshooting.</p>
 <p>ieGeek PTZ Battery Security Camera USER MANUAL ZY-C2 Official Email: service@iegeek.com</p>	<p>ieGeek ZY-C2 PTZ Battery Security Camera User Manual</p> <p>This user manual provides comprehensive instructions for the ieGeek ZY-C2 PTZ Battery Security Camera, covering setup, installation, features, and troubleshooting.</p>
 <p>ieGeek PTZ BATTERY SECURITY CAMERA DQ201 USER MANUAL Official Email: service@iegeek.com</p>	<p>ieGeek DQ201 PTZ Battery Security Camera User Manual</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>
 <p>ieGeek PTZ BATTERY SECURITY CAMERA ZS-GX4S USER MANUAL Official Email: service@iegeek.com</p>	<p>ieGeek ZS-GX4S PTZ Battery Security Camera User Manual</p> <p>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.</p>
 <p>ieGeek Wire-free Battery Camera User manual ZS-GX3S Sales Email: service@iegeek.com Official website: https://www.iegeek.com</p>	<p>ieGeek ZS-GX3S Wire-free Battery Camera User Manual</p> <p>User manual for the ieGeek ZS-GX3S wire-free battery camera, covering setup, Wi-Fi connection, charging, installation, and troubleshooting.</p>

	<p>ieGeek ZY-G3 4G LTE Cellular Wireless Security Camera User Manual</p> <p>User manual for the ieGeek ZY-G3 4G LTE Cellular Wireless Security Camera. Learn about setup, features, app integration, and troubleshooting for this motion-detection camera.</p>
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Documents - ieGeek – ZY-E2



[\[pdf\]](#) User Manual Warranty

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