

ieGeek ZY-E1

# ieGeek Floodlight Camera Outdoor User Manual

Model: ZY-E1

Brand: ieGeek

## 1. INTRODUCTION

The ieGeek Floodlight Camera Outdoor (Model ZY-E1) is a wired smart security camera designed to enhance your home's security with integrated lighting and surveillance capabilities. It features 2K resolution, 2.4G WiFi connectivity, motion detection, two-way audio, and compatibility with Alexa. This manual provides comprehensive instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Figure 1: ieGeek Floodlight Camera Outdoor (Model ZY-E1)

## 2. WHAT'S IN THE BOX

Please verify that all components are present before beginning installation:

- Floodlight Camera
- Mounting Kit (includes mounting bracket, screws, and wall anchors)
- Screw Packs
- Foam Pad
- Quick Start Guide



Figure 2: Package Contents

## 3. SETUP AND INSTALLATION

### 3.1 Physical Installation

The ieGeek Floodlight Camera is designed for wall-mounted installation. Ensure the mounting surface is stable and can support the device's weight. This device requires a wired power connection (AC 100V~240V).

1. **Power Disconnection:** Before installation, ensure the power to the installation area is turned off at the circuit breaker to prevent electrical shock.
2. **Mounting Location:** Choose an optimal location that provides the desired viewing angle and motion detection coverage, typically 8-10 feet above the ground.
3. **Attach Mounting Bracket:** Secure the mounting bracket to the wall using the provided screws and wall anchors. Use the foam pad between the bracket and the wall for a secure seal.
4. **Wire Connection:** Connect the camera's power wires to your home's electrical wiring according to local electrical codes. If unsure, consult a qualified electrician.
5. **Secure Camera:** Attach the floodlight camera unit to the mounting bracket. Ensure it is firmly secured.
6. **Adjust Angle:** Once mounted, you can freely adjust the angle of the floodlights and the camera to cover your desired area. The camera features a 360° rotatable base design.

# DIY Security Lighting Brightness

Time to Replace Your Traditional Light



# 2600LM

Figure 3: Installation Overview

# Rotate Light and Camera Freely

Provides a Wider Viewing Angle



Figure 4: Adjusting Camera and Light Angles

## 3.2 App Setup (ieGeek Cam or CloudEdge)

The ieGeek Floodlight Camera operates with the ieGeek Cam or CloudEdge mobile application. This camera only supports 2.4GHz WiFi networks.

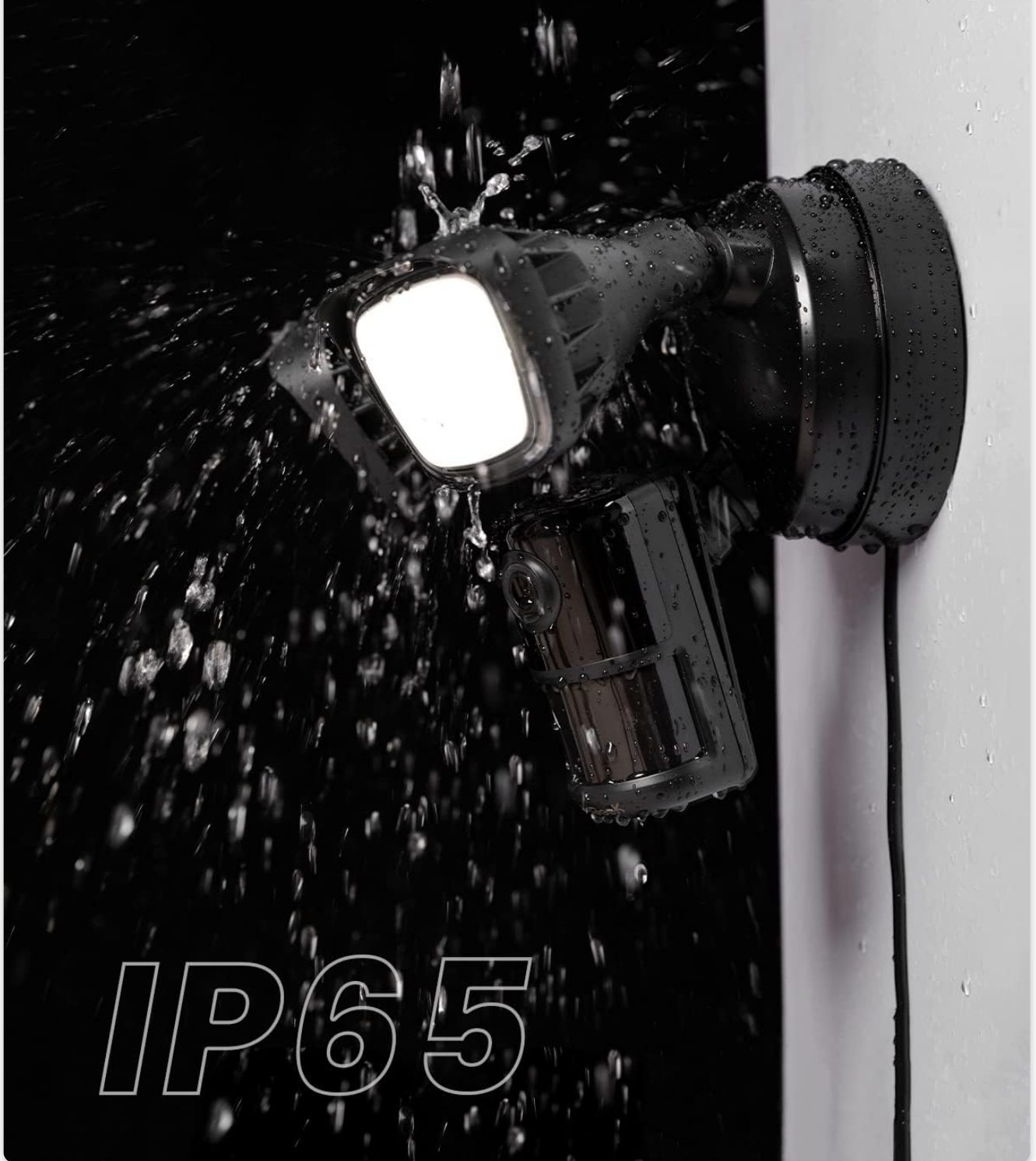
1. **Download App:** Search for "ieGeek Cam" or "CloudEdge" in your smartphone's app store (Google Play Store for Android or Apple App Store for iOS) and download the application.
2. **Create Account:** Open the app and follow the on-screen instructions to create a new user account or log in if you already have one.

3. **Add Device:** Tap the "+" icon in the app to add a new device. Select the appropriate camera model.
4. **Connect to WiFi:** Follow the app's prompts to connect the camera to your 2.4GHz WiFi network. You may need to scan a QR code displayed on your phone with the camera.
5. **Device Naming:** Assign a name to your camera for easy identification (e.g., "Front Yard Camera").



*Figure 5: ieGeek Cam App*

# IP65 Waterproof



*Figure 6: QR Code Scanning for App Connection*

## 4. OPERATING INSTRUCTIONS

### 4.1 Real-time Viewing and Remote Control

Access live video feeds and control your camera from anywhere using the ieGeek Cam app. You can view up to 4 monitoring screens simultaneously.



*Figure 7: Multi-Camera Live View*

## 4.2 Motion Detection and Alerts

The camera features a 150° PIR motion sensor. When motion is detected, the floodlights can activate, and you will receive instant alerts on your smartphone. You can customize motion detection zones to reduce false positives, focusing on specific areas like a garden or driveway.

# Motion Activated Lights & Alarm

Lights up every corner and manual alarm scares off intruders



Figure 8: Motion-Activated Lighting

# 2 Way Audio, Compatible with Alexa

Take care, baby!

Mom, look, I'm flying!



*Figure 9: Setting Customized Security Zones*

An audible 110db alarm can be manually activated via the app to deter intruders. The alarm can also be set to automatically activate at night upon motion detection.

## 4.3 Night Vision

Equipped with a 1/2.7" 3Mega CMOS image sensor, the camera provides 2K (3MP) video resolution. It offers up to 25m (82ft) of color night vision, providing clear, full-color images even in low-light conditions, thanks to its ultra-bright 2600LM floodlights.

# Upgraded 2K FHD Colorful Video

Peace of Mind Day and Night

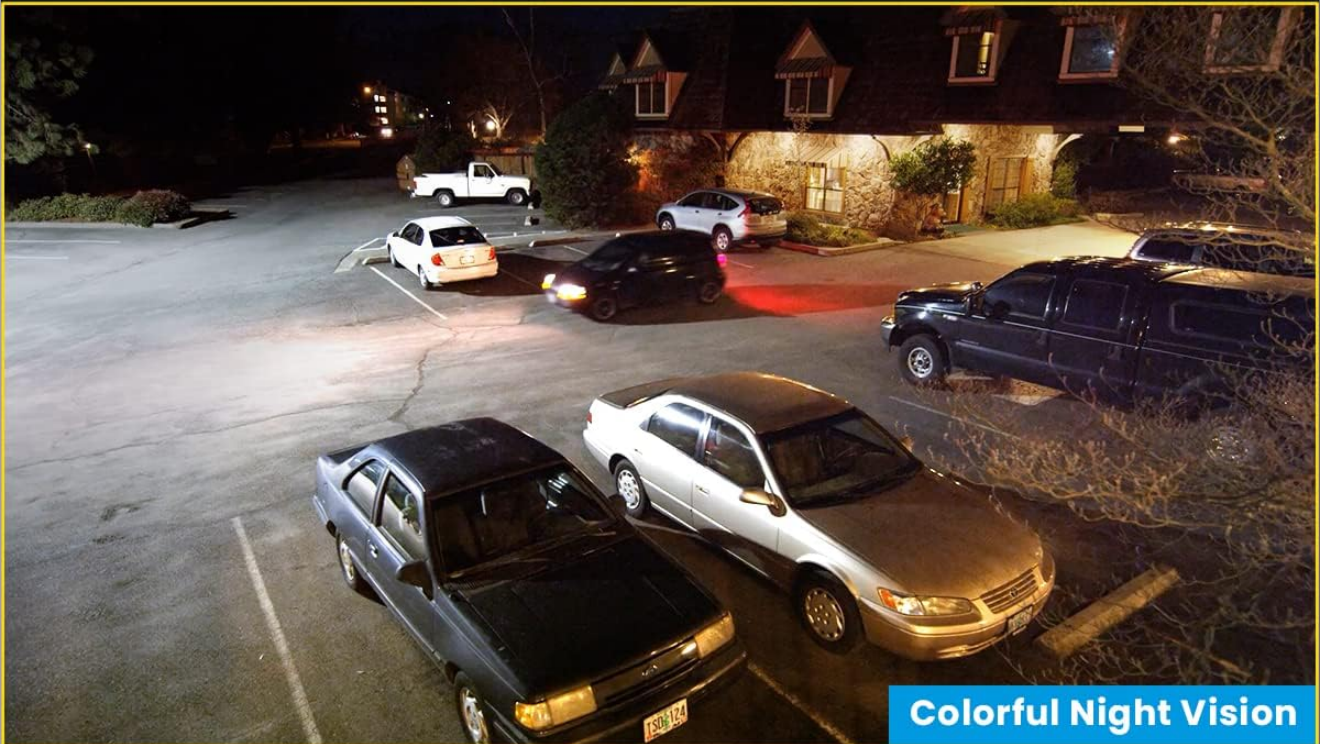


Figure 10: 2K Color Night Vision Capability

# 150° PIR Sensor & 130° View Angle

Up to 25m Colorful Night Vision



Figure 11: Wide View Angle and Night Illumination

## 4.4 Two-Way Audio

The built-in microphone and speaker allow for two-way communication through the app. This feature enables you to speak to visitors, delivery personnel, or deter unwanted individuals remotely. The camera also works with Alexa, allowing voice commands for certain functions.

# Customized Security Zones

For Door, Garden, Car or Pets



Figure 12: Two-Way Audio Communication



*Figure 13: Works with Alexa*

## 4.5 Lighting Control

The floodlight camera features two 2600LM lights. You can customize the light brightness, set schedules for when the lights turn on, and configure them to activate upon motion detection. This allows for flexible lighting solutions tailored to your security needs.

# DIY Security Lighting Brightness

Time to Replace Your Traditional Light



# 2600LM

Figure 14: DIY Security Lighting Brightness

## 4.6 Video Storage

The camera supports two storage options:

- **Free Lifetime Cloud Storage:** Provides 6-second event recordings with 7 days of loop coverage.
- **Memory Card Storage:** Supports up to 128GB (not included) for 24/7 continuous recording or event-triggered recording.

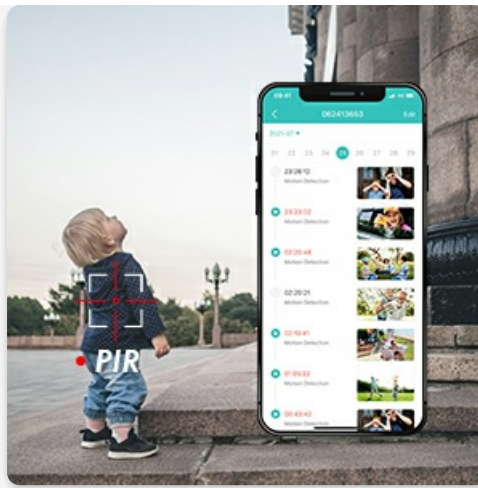


Figure 15: Storage Options

## 4.7 Official Product Video

Watch this official video for an overview of the ieGeek Floodlight Camera ZY-E1 and its features, including the 2600-lumen floodlights.

Your browser does not support the video tag.

*Video: Meet ieGeek Floodlight Cam ZY-E1 New Degrees of 2600-Lumen.*

## 5. MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your ieGeek Floodlight Camera.

- **Cleaning:** Periodically wipe the camera lens and floodlight covers with a soft, damp cloth to remove dust, dirt, or water spots. Avoid abrasive cleaners.
- **Connection Check:** Ensure all wired connections remain secure and free from corrosion.
- **Software Updates:** Keep the ieGeek Cam app updated to the latest version to access new features and security enhancements.
- **Weather Protection:** The camera is IP65 waterproof, designed to withstand various weather conditions. However, ensure proper installation to prevent water ingress.

# Rotate Light and Camera Freely

Provides a Wider Viewing Angle



Figure 16: IP65 Waterproof Rating

## 6. TROUBLESHOOTING

If you encounter issues with your ieGeek Floodlight Camera, refer to the following common solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera not connecting to WiFi	Incorrect WiFi password; 5GHz WiFi network; Camera too far from router.	Ensure correct 2.4GHz WiFi password. Verify your router is broadcasting a 2.4GHz signal. Move camera closer to the router or use a WiFi extender.
Motion detection alerts are too frequent/infrequent	Sensitivity settings are too high/low; Detection zone not optimized.	Adjust motion detection sensitivity in the app. Redraw or refine the custom detection zones to exclude irrelevant areas (e.g., busy street, swaying trees).
Floodlights not activating	Light sensor settings; Motion detection not configured for lights.	Check light activation settings in the app (e.g., schedule, motion-activated). Ensure the ambient light sensor is not obstructed.
Poor video quality at night	Dirty lens; Insufficient lighting.	Clean the camera lens. Ensure floodlights are set to an appropriate brightness level.
Two-way audio not working	Microphone/speaker muted in app; Network latency.	Check audio settings in the app to ensure microphone and speaker are enabled. Verify stable internet connection.

For further assistance, please contact ieGeek customer support.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	ZY-E1
Indoor/Outdoor Usage	Outdoor, Indoor
Power Source	Corded Electric (AC 100V~240V)
Connectivity Protocol	2.4GHz Wifi Connection
Controller Type	CloudEdge or ieGeek Cam Phone APP, Amazon Alexa
Mounting Type	Wall Mount
Video Capture Resolution	3 MP (2K)
Color	Black
Included Components	Floodlight Camera, Foam Pad, Mounting Kit, Screw Packs, Quick Start Guide
Wireless Communication Technology	Wi-Fi
Form Factor	Bullet
Viewing Angle	130 Degrees
Night Vision Range	Up to 25m (82ft) Color Night Vision
Wattage	30 Nanowatts (for camera operation, not floodlights)

Feature	Detail
Item Dimensions (L x W x H)	9.84 x 7.87 x 5.91 inches
Water Resistance Level	IP65 Waterproof
Photo Sensor Technology	CMOS
Light Source Type	LED (2600 Lumens)
Video Storage	Memory card (Max. 128G, not included), Cloud storage
UPC	734931271184

## 8. WARRANTY AND SUPPORT

ieGeek offers comprehensive support for your Floodlight Camera:

- **Warranty:** This product comes with a 2-year quality guarantee.
- **Returns Policy:** A 30-day free returns policy is available.
- **Customer Support:** For any inquiries or technical assistance, please contact our professional after-sales team.

**After-Sales Email:** [service@iegeek.com](mailto:service@iegeek.com)

You can also refer to the official User Manual PDF for more detailed information[Download User Manual \(PDF\)](#)





**USER MANUAL**  
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