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ieGeek ZY-E1

ieGeek ZY-E1 Floodlight Camera User Manual

1. Introduction

The ieGeek ZY-E1 Floodlight Camera is an outdoor security device combining a 2K camera with powerful floodlights. This manual provides instructions for installation, setup, operation, and maintenance to ensure optimal performance and security for your property.

2. Product Overview

The ieGeek ZY-E1 integrates a high-resolution camera with two adjustable floodlights, designed for outdoor surveillance. It features motion detection, two-way audio, and smart alerts, controllable via the ieGeek Cam app.

Image: ieGeek ZY-E1 Floodlight Camera, showcasing its integrated camera and dual floodlights.

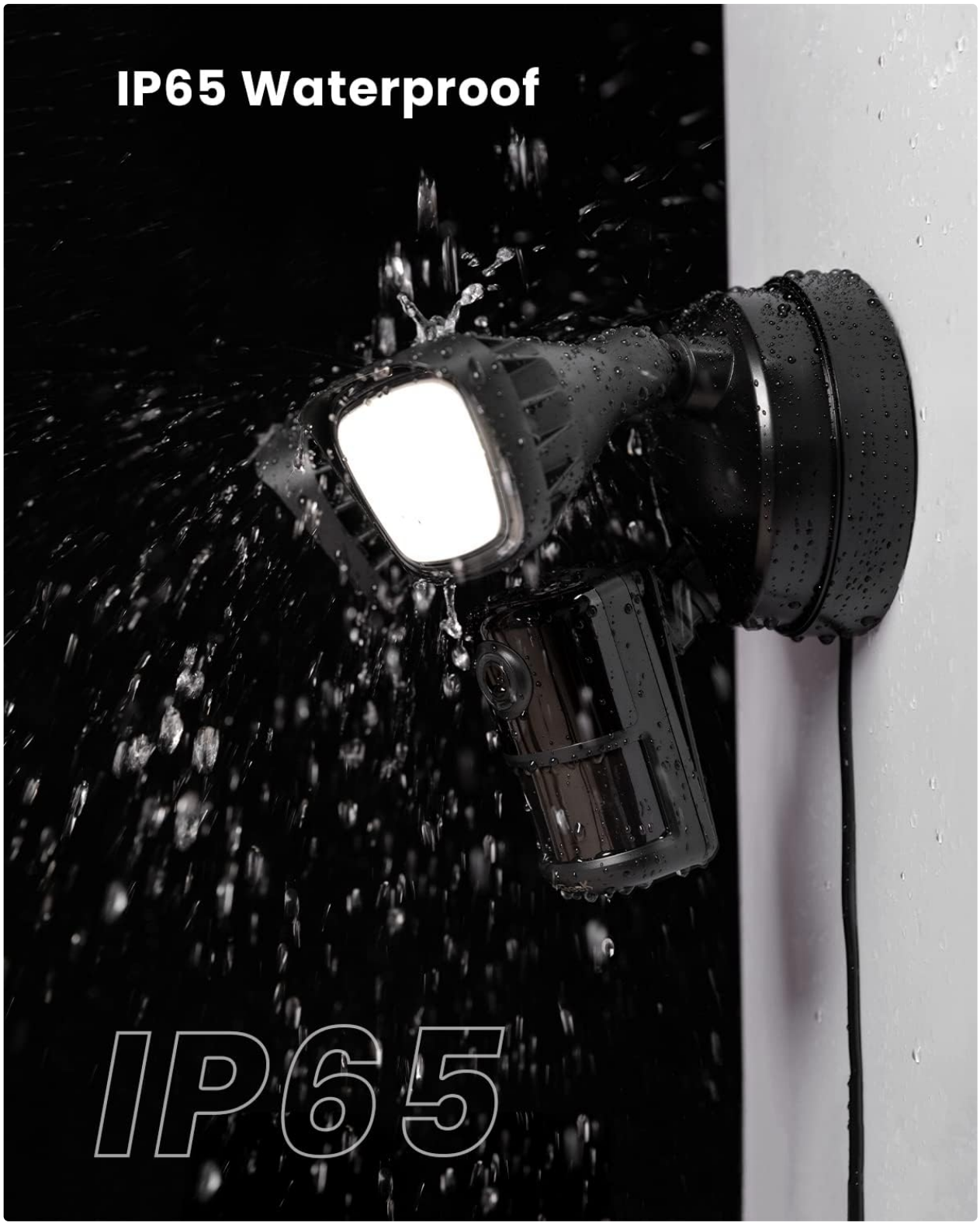

Image: Included components for the ieGeek ZY-E1 Floodlight Camera, such as mounting hardware and user manual.

3. Installation Guide

Proper installation is crucial for the optimal performance and safety of your floodlight camera. Please follow these steps carefully.

3.1 Safety First

- Ensure power is disconnected at the circuit breaker before beginning any electrical work.
- Consult a qualified electrician if you are unsure about any wiring procedures.

3.2 Mounting Location

- Choose a location with a clear view of the area you wish to monitor.
- Ensure the location is within reliable range of your 2.4GHz Wi-Fi network.
- The camera requires a junction box and existing wiring for power.

3.3 Physical Installation

1. Attach the mounting bracket securely to the junction box.
2. Connect the camera's wiring to your home's electrical wiring (live, neutral, ground) following local electrical codes.
3. Secure the camera unit to the mounting bracket.
4. Adjust the floodlights and camera angle using the 360° rotatable base to cover the desired area.

Image: Demonstrates the 360° rotatable base of the ieGeek ZY-E1 Floodlight Camera, allowing flexible adjustment of the camera and light angles.

3.4 Power On

- Restore power at the circuit breaker. The camera will power on and enter setup mode.

4. App Setup and Connection

To control and monitor your ieGeek ZY-E1 Floodlight Camera, you need to set up the dedicated mobile application.

1. **Download the App:** Download the "ieGeek Cam" app from your smartphone's app store (available for

iOS and Android).

2. **Account Registration:** Open the app and register for a new account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add your ieGeek ZY-E1 Floodlight Camera. This typically involves scanning a QR code on the camera or its packaging.
4. **Wi-Fi Connection:** Connect the camera to your 2.4GHz Wi-Fi network.*Note that 5GHz Wi-Fi is not supported.* Ensure a strong Wi-Fi signal at the installation location for stable performance.
5. **Device Naming:** Assign a name to your camera for easy identification (e.g., "Front Yard Camera").
6. **Multi-User Sharing:** To share access with family or friends, use the QR scan feature within the app.

Image: A smartphone displaying a QR code for device pairing with the ieGeek Cam app, facilitating multi-user sharing.

5. Operation Guide

This section details the various functions and features of your ieGeek ZY-E1 Floodlight Camera.

5.1 Live View

- Access real-time video streaming through the ieGeek Cam app to monitor your property at any time.

5.2 2K Video & Color Night Vision

- The camera provides high-definition 2K (2304x1296) resolution video for clear imaging.
- Its ultra-bright floodlights enable color night vision up to 25 meters (82 feet), offering clear visibility and detailed footage even in low-light conditions.

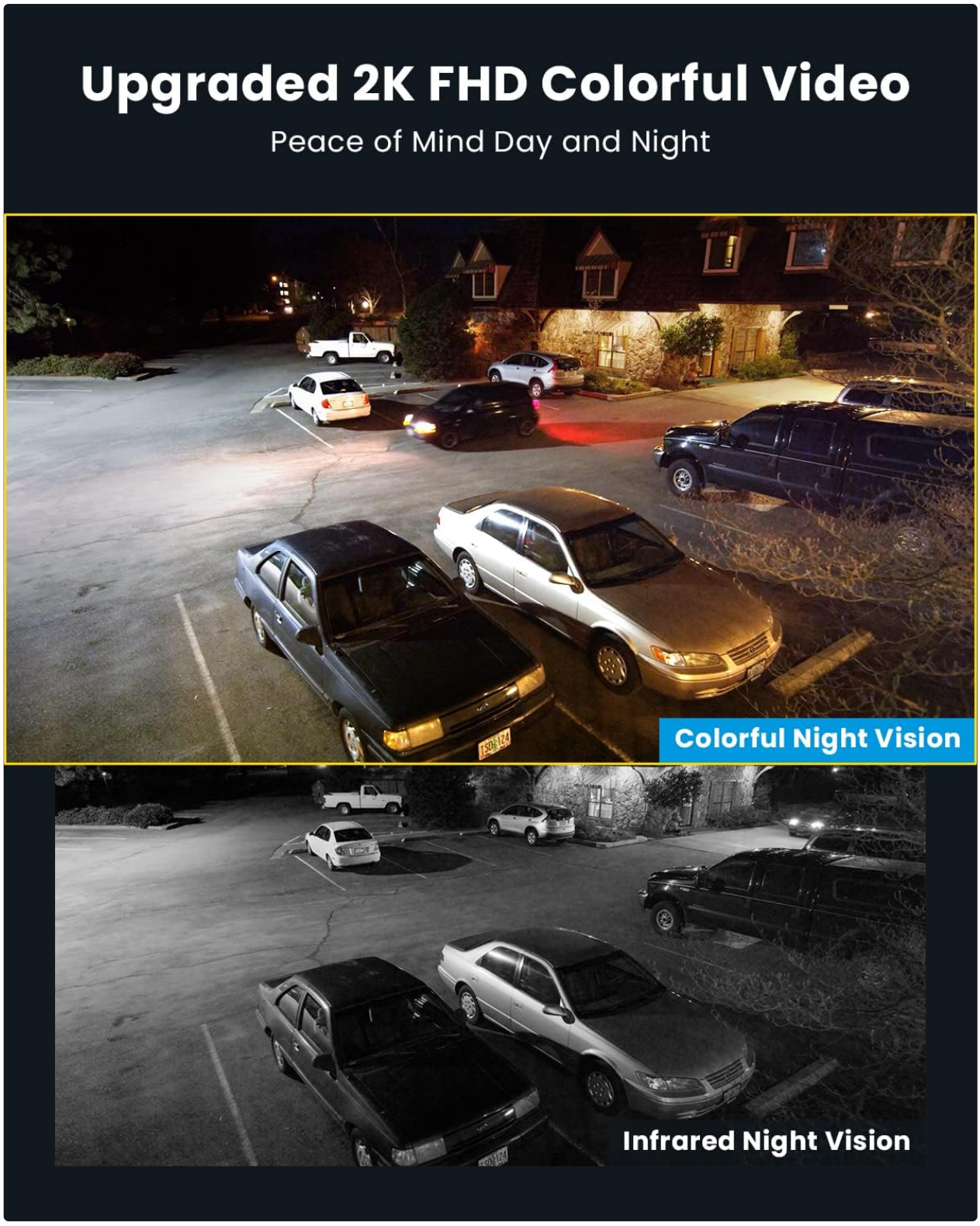

Image: Comparison of the ieGeek ZY-E1's color night vision and traditional infrared night vision, highlighting enhanced detail and color in low light.

5.3 Motion Detection & Smart Siren

- The 150° PIR motion sensor accurately detects movement within its field of view.
- Customize motion detection zones within the app to focus on specific areas and reduce false alerts from non-critical movements.
- The integrated 110db siren can be manually activated via the app to deter intruders. It can also be set to activate automatically at night upon motion detection.

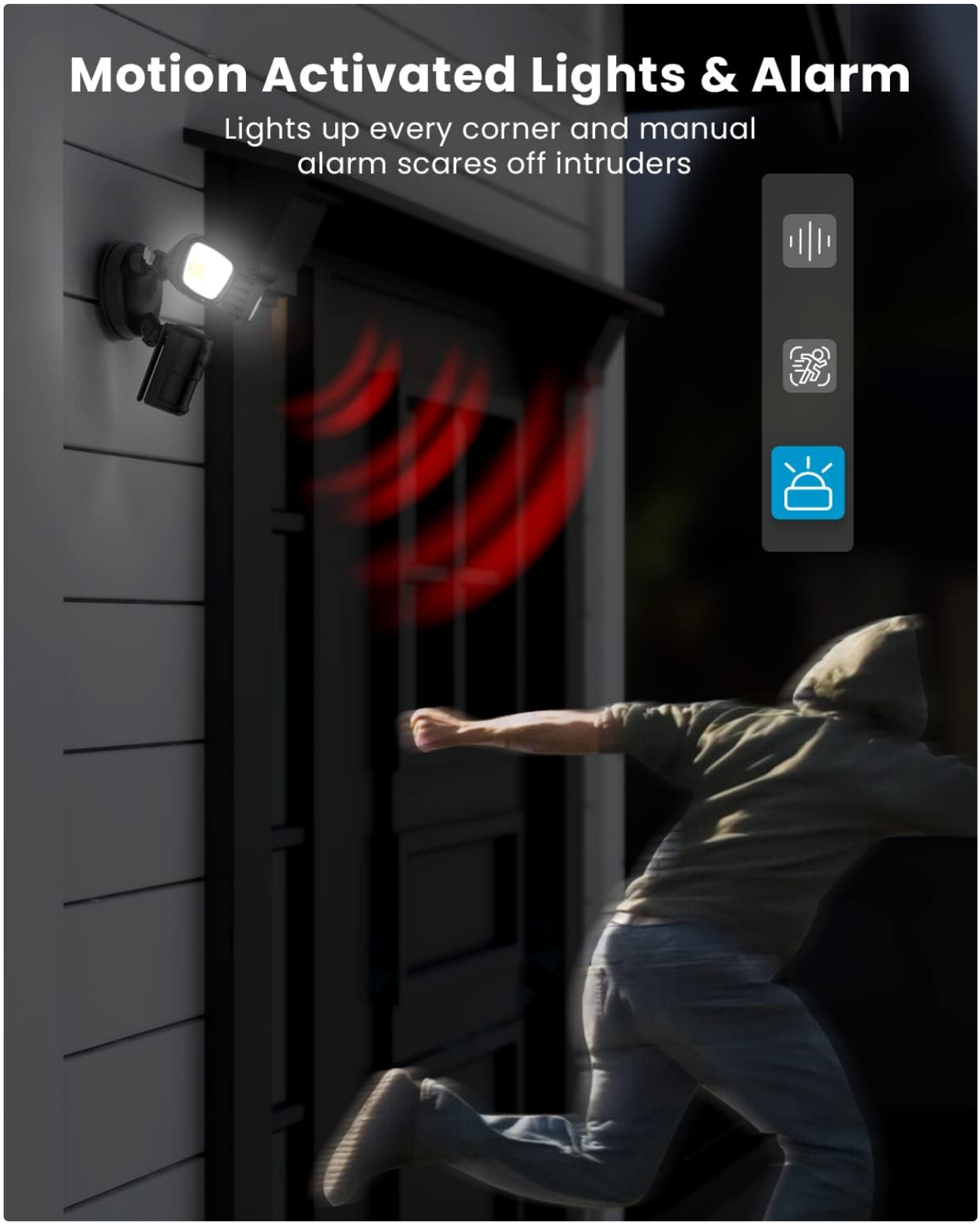

Image: Depicts the ieGeek ZY-E1 Floodlight Camera's motion-activated lights and alarm function, showing a person being detected and lights illuminating the area.

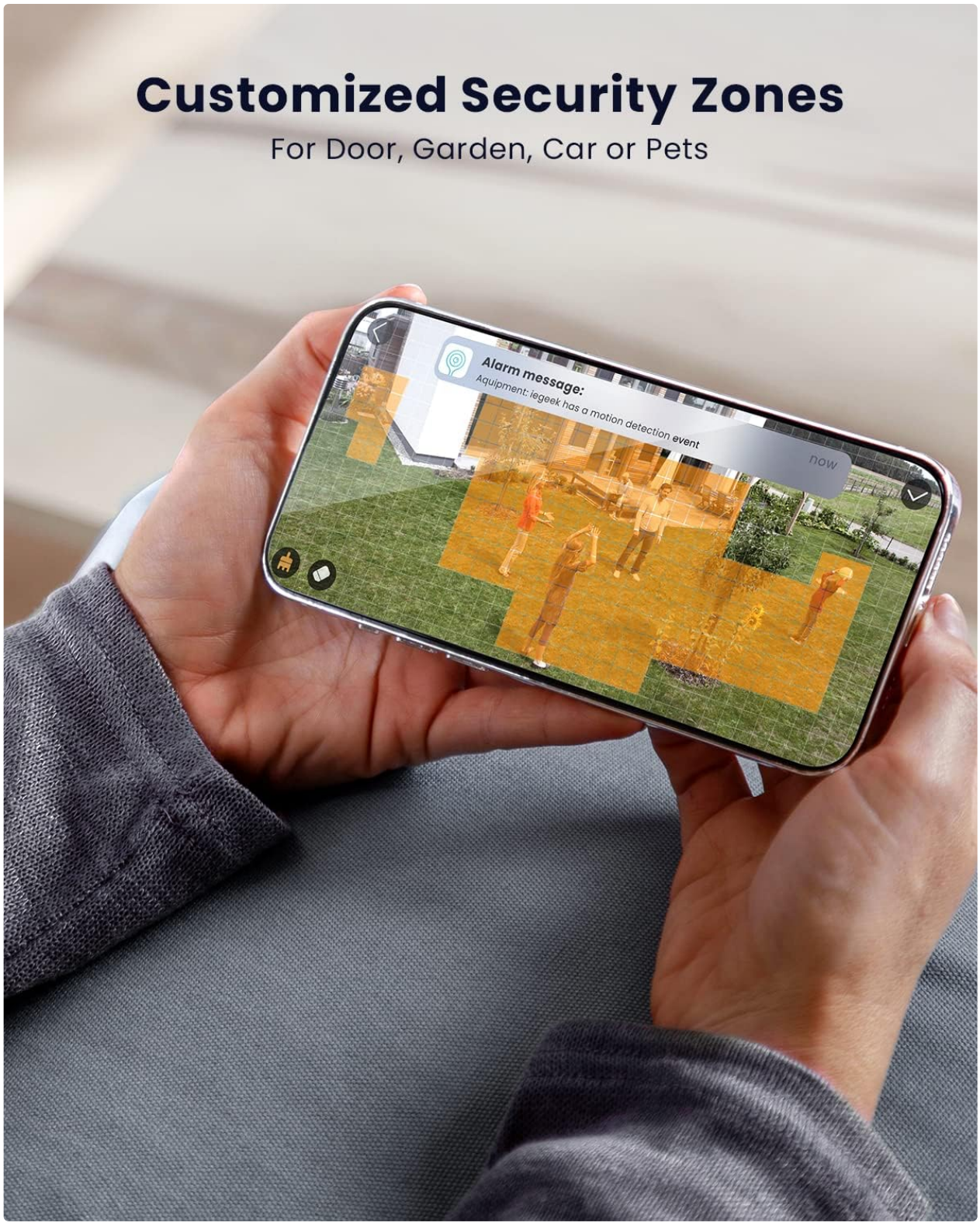

Image: A smartphone screen showing the ieGeek Cam app interface for customizing security zones, allowing users to define specific areas for motion detection.

5.4 2600 Lumens Floodlight

- The two integrated floodlights provide a powerful 2600 lumens of brightness.
- You can customize the light brightness, turn-on time, and motion activation settings through the ieGeek Cam app.

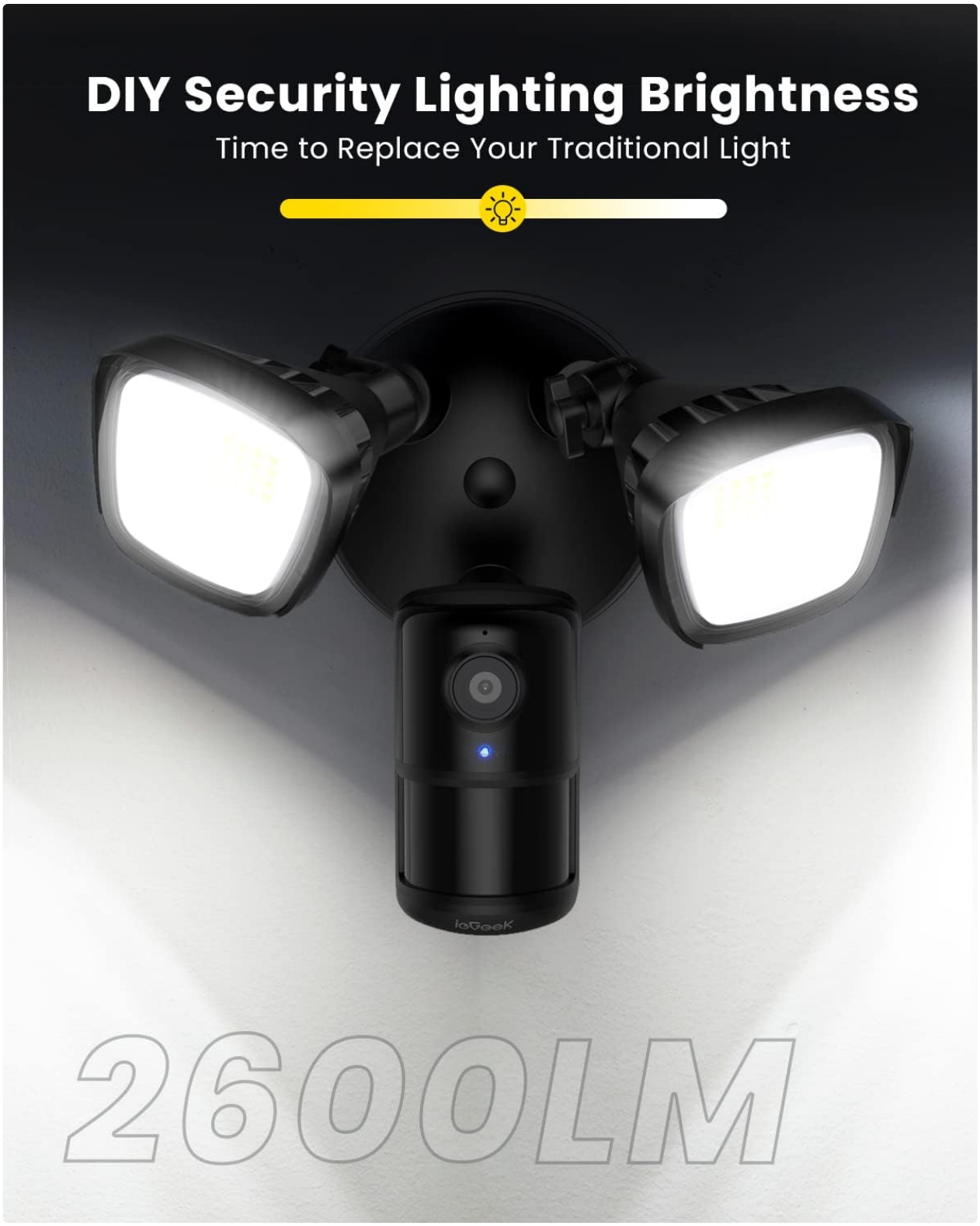

Image: A smartphone screen showing the ieGeek Cam app interface for adjusting the brightness of the floodlights, labeled as "DIY Security Lighting Brightness."

5.5 Two-Way Audio

- Use the built-in microphone and speaker for clear two-way communication with visitors or to audibly deter unwanted individuals.

5.6 Works with Alexa

- Integrate your ieGeek ZY-E1 with Amazon Alexa for voice control and live view on compatible Alexa devices.

Image: A child talking to an adult through the ieGeek ZY-E1 Floodlight Camera's two-way audio feature, also indicating compatibility with Alexa.

5.7 Recording Options

- **Cloud Storage:** Free lifetime cloud storage service records 6-second clips with a 7-day loop coverage.
- **Micro SD Card:** Supports up to 128GB Micro SD card (not included) for 24/7 continuous recording or event-triggered recording. AES-128 data encryption protects your footage.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your ieGeek ZY-E1 Floodlight

Camera.

- **Cleaning:** Periodically clean the camera lens and floodlight covers with a soft, damp cloth to ensure clear visibility and optimal light output. Do not use harsh chemicals.
- **Weather Resistance:** The camera is IP65 waterproof, designed to withstand various weather conditions. However, avoid directing high-pressure water jets directly at the unit.
- **Firmware Updates:** Regularly check the ieGeek Cam app for firmware updates to ensure your camera has the latest features and security enhancements.

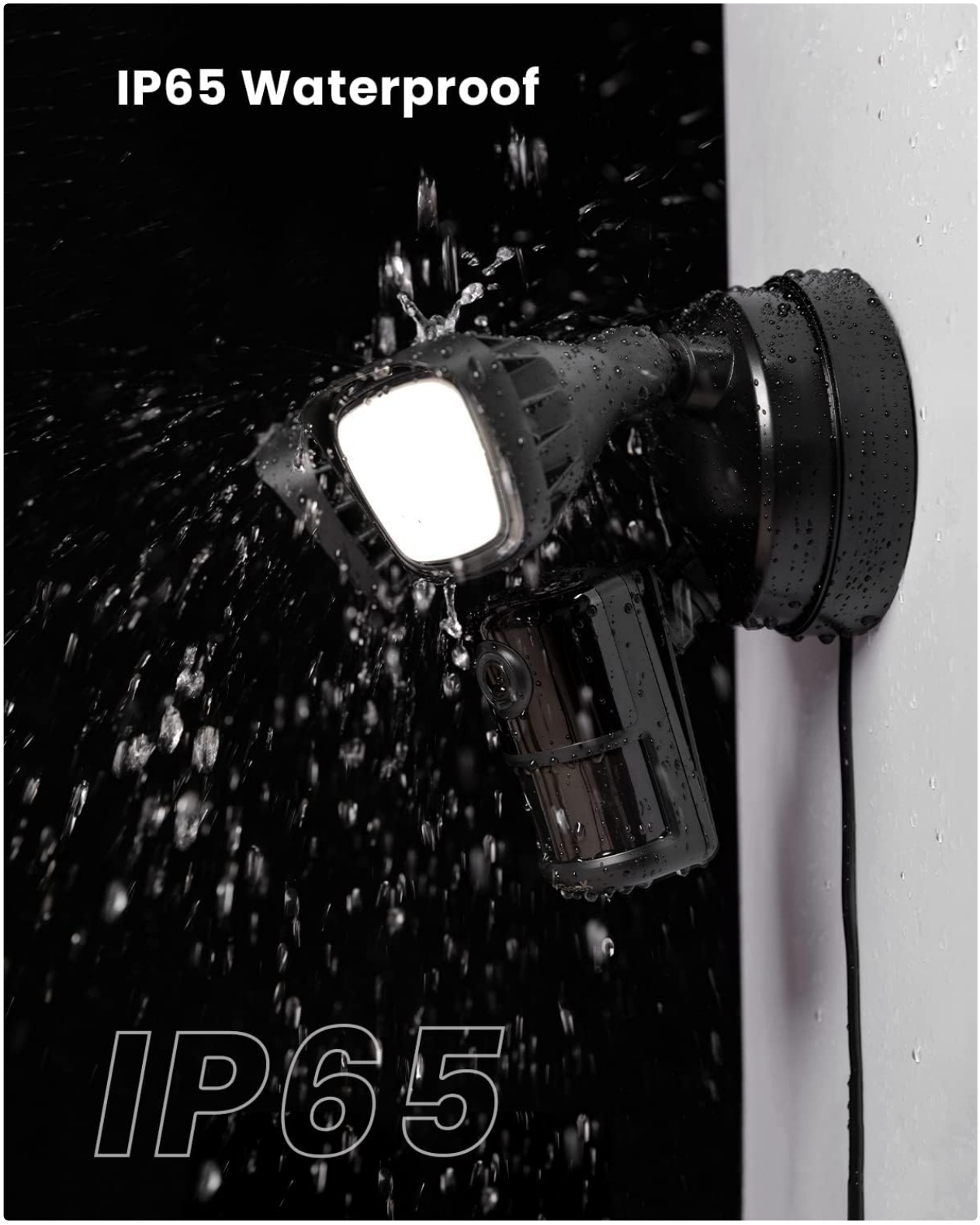

Image: The ieGeek ZY-E1 Floodlight Camera being sprayed with water, illustrating its IP65 waterproof rating.

7. Troubleshooting

If you encounter issues with your ieGeek ZY-E1 Floodlight Camera, refer to the following common problems and solutions.

- **No Power:**
  - Check the circuit breaker to ensure power is restored to the junction box.
  - Verify all electrical connections are secure.
- **Wi-Fi Connectivity Issues:**
  - Ensure your Wi-Fi network is 2.4GHz. 5GHz networks are not supported.
  - Check the strength of your Wi-Fi signal at the camera's location. Consider using a Wi-Fi extender if the signal is weak.
  - Restart your Wi-Fi router and the camera.
- **Motion Detection Not Working / False Alarms:**
  - Adjust the motion detection sensitivity settings in the app.
  - Refine the customized motion detection zones to exclude areas with frequent non-critical movement (e.g., trees swaying, distant traffic).
  - Ensure the PIR sensor is not obstructed.
- **Poor Video Quality:**
  - Clean the camera lens.
  - Ensure adequate lighting for optimal night vision performance.
  - Check your internet connection speed.
- **Two-Way Audio Problems:**
  - Ensure your phone's volume is up and the app has microphone permissions.
  - Check the camera's speaker and microphone for obstructions.
- **Siren Not Activating:**
  - Verify siren settings in the app, including automatic activation schedules.
  - Ensure the camera has power.

8. Specifications

Feature	Specification
Model	ZY-E1
Video Resolution	2K (2304x1296), 3MP
Viewing Angle	130 Degrees
Night Vision Range	Up to 25m (82 Feet) Color Night Vision
Floodlight Brightness	2600 Lumens (2 LEDs)
Motion Sensor	150° PIR
Siren	110db
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)

Audio	Two-Way Audio
Compatibility	Works with Amazon Alexa
Storage	Micro SD Card (up to 128GB, not included), Cloud Storage (6s/7-day loop free)
Waterproof Rating	IP65
Power Source	Wired (Corded Electric)
Material	Metal
Dimensions	25.4 x 18.5 x 15 Centimetres
Weight	1.3 kg
Warranty	2-year warranty

9. Warranty and Support

Your ieGeek ZY-E1 Floodlight Camera is backed by a comprehensive warranty and dedicated customer support.

- **Warranty:** The ieGeek ZY-E1 Floodlight Camera comes with a 2-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For technical assistance, troubleshooting, or warranty inquiries, please contact ieGeek customer support through the ieGeek Cam app or visit the official ieGeek website.

Related Documents - ZY-E1

	ieGeek PTZ Outdoor Security Camera User Manual User manual for the ieGeek PTZ Outdoor Security Camera, providing setup instructions, features, and troubleshooting.
	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-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 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 Floodlight Camera ZY-E1 User Manual] User manual for the ieGeek Floodlight Camera ZY-E1, covering installation, setup, features, and troubleshooting.

Documents - ieGeek – ZY-E1

[pdf] User Manual

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