REOLINK E1 Outdoor SE PoE

REOLINK E1 Outdoor SE PoE 4K Security Camera User Manual

Model: E1 Outdoor SE PoE

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your REOLINK E1 Outdoor SE PoE 4K Security Camera. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance. Keep this manual for future reference.

Image: The REOLINK E1 Outdoor SE PoE 4K Security Camera, a white dome-shaped camera designed for outdoor surveillance.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- E1 Outdoor SE PoE Camera x 1
- Camera Bracket x 1
- 1m Network Cable x 1
- Waterproof Lid x 1
- Quick Start Guide x 1
- Mounting Template x 1
- Pack of Screws x 1
- Surveillance Sticker x 1

microSD Card Slot
(Up to 512GB, not included)

Reset Button

Aluminum Metal Case

4 Spotlights

Lens

Mic

Network Cable

Power Cable

4 Spotlights

10pcs IR LEDs

E1 Outdoor SE PoE

Camera Bracket

1m Network Cable

Waterproof Lid

Surveillance Sticker

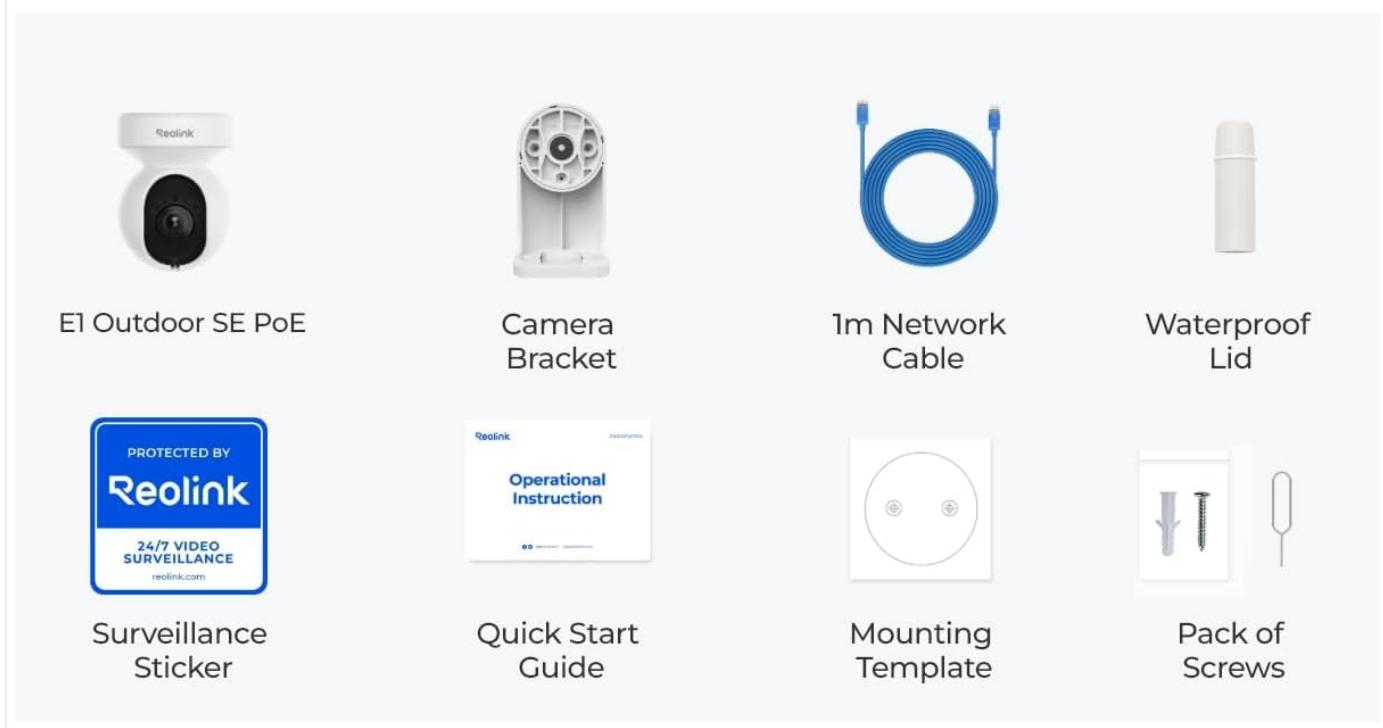Quick Start Guide

Mounting Template

Pack of Screws

Image: All components included in the REOLINK E1 Outdoor SE PoE camera package, including the camera, network cable, quick start guide, camera bracket, waterproof lid, mounting template, screws, and surveillance sticker.

3. SETUP AND INSTALLATION

3.1 Mounting the Camera

The REOLINK E1 Outdoor SE PoE camera can be mounted on a wall or ceiling. Use the included mounting template to

mark drill holes. Ensure the camera is positioned to provide optimal coverage without obstructions.

Image: Examples of the REOLINK E1 Outdoor SE PoE camera mounted on a ceiling indoors and on an exterior wall under an eave, demonstrating flexible installation options.

3.2 Power over Ethernet (PoE) Connection

This camera utilizes Power over Ethernet (PoE) for both power supply and data transmission through a single Ethernet cable. This simplifies installation by eliminating the need for a separate power adapter.

1. Connect one end of the Ethernet cable to the camera's PoE port.
2. Connect the other end of the Ethernet cable to a PoE switch or a Reolink NVR (Network Video Recorder).
3. Ensure your PoE switch or NVR is powered on.

Note: A PoE switch, NVR, or DC power adapter are not included with the camera. The camera is compatible with IEEE 802.3at PoE switches.

Image: A diagram illustrating two PoE connection methods: connecting the camera to a Reolink PoE switch, and connecting it to a Reolink NVR. Both methods use a single Ethernet cable for power and data.

3.3 Initializing the Camera

After connecting the camera, power it up. Then, initialize the camera by scanning the QR code via the Reolink App/Client or directly viewing the camera on the NVR UI. This process typically involves setting up a password and configuring basic network settings.

3.4 Compatibility and Wi-Fi

Reolink PoE cameras are fully compatible only with the Reolink App/Client/NVR. Third-party NVRs are not supported. The E1 Outdoor SE PoE camera connects via Ethernet and does not support Wi-Fi connectivity.

4. OPERATING INSTRUCTIONS

4.1 Accessing the Camera

Access your camera's live view and settings using the Reolink App (for mobile devices) or Reolink Client software (for computers). These applications allow you to:

- View live video feed.
- Control pan and tilt functions.
- Configure detection settings.
- Review recorded footage.
- Manage storage options.

Image: Various devices, including smartphones, laptops, and tablets, displaying live video feeds from Reolink cameras, demonstrating multi-platform access.

4.2 Pan, Tilt, and Auto-Tracking

The camera offers 355° horizontal pan and 50° vertical tilt capabilities. You can manually adjust the camera's view through the Reolink App/Client. The auto-tracking feature allows the camera to automatically follow detected subjects (persons, vehicles, animals) within its field of view. You can also set up to 64 preset points for quick navigation to specific areas.
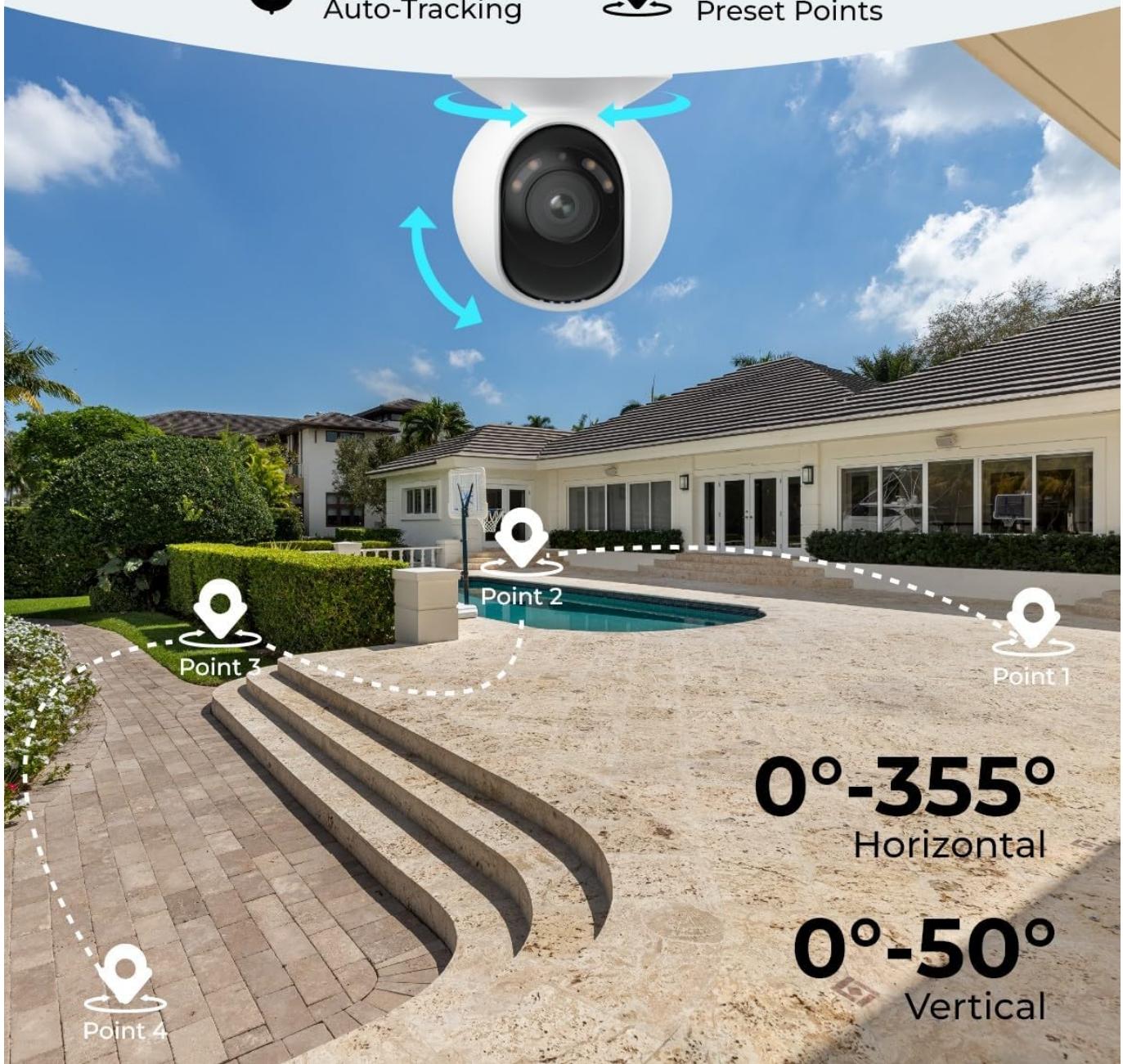
Image: An overhead view of a property with a Reolink camera, showing its 355° horizontal and 50° vertical movement range, along with multiple preset points for comprehensive surveillance coverage.

4.3 Smart Detection and Two-Way Talk

The camera supports intelligent detection of persons, vehicles, and animals, reducing false alarms from irrelevant movements. When an event is detected, you will receive accurate alerts. The integrated microphone and speaker enable two-way communication, allowing you to speak to visitors or deter intruders remotely.

Image: A scene depicting the camera's smart detection capabilities, highlighting a person and a dog with detection boxes, and showing an alarm notification for a detected person.

4.4 Night Vision Modes

The E1 Outdoor SE PoE camera offers three night vision modes for clear visibility in low-light conditions:

- **Infrared (IR) Night Vision:** Provides black and white video up to 12 meters using built-in IR LEDs.
- **Color Night Vision:** Achieved with the F1.6 wide aperture and 3000K adjustable spotlights, delivering full-color video

in low light.

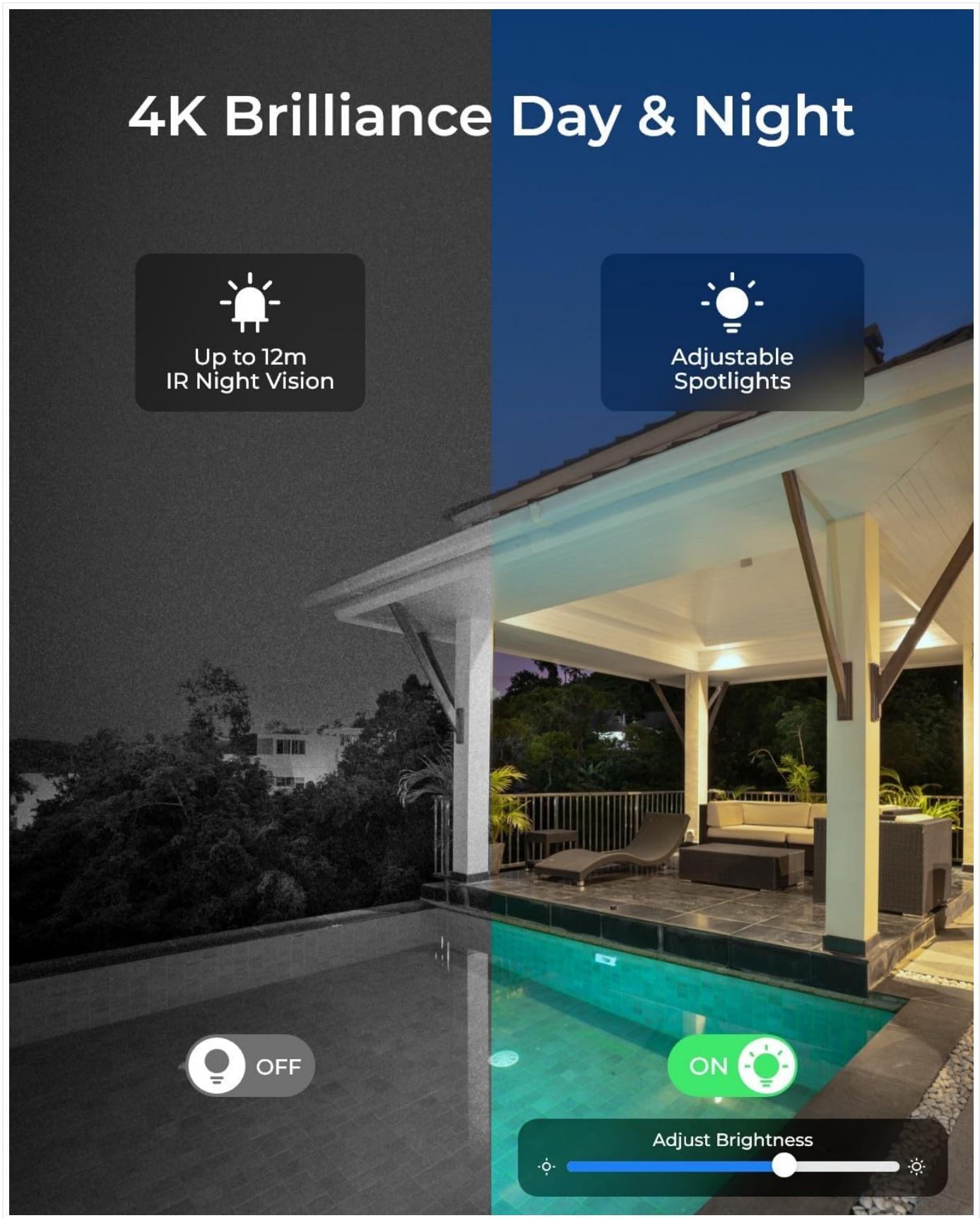- **Smart Mode:** Automatically adapts night vision based on ambient light conditions.

Image: A split image demonstrating the difference between traditional infrared night vision (left, black and white) and color night vision (right, full color) enabled by adjustable spotlights, showcasing improved clarity and detail.

4.5 Recording and Storage

The camera supports various recording and storage options:

- **MicroSD Card:** Insert a microSD card (up to 512GB, sold separately) into the camera's slot for local storage.
- **Reolink NVR:** Connect the camera to a Reolink Network Video Recorder for continuous 24/7 recording and centralized management.
- **FTP:** Configure FTP settings to upload recordings to an FTP server.

Image: A visual representation of the camera's flexible storage options, including a microSD card slot for local storage (up to 512GB) and compatibility with Reolink NVRs or FTP for 24/7 recording.

5. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Periodically check for and install firmware updates via the Reolink App/Client to ensure optimal performance, security, and access to new features.
- **Cable Inspection:** Inspect the network cable and connections for any signs of wear or damage, especially in outdoor installations, to maintain a stable connection.
- **Environmental Protection:** While the camera is waterproof (IP65 rated), ensure it is installed in a location that minimizes direct exposure to extreme weather conditions for extended longevity.

6. TROUBLESHOOTING

6.1 Camera Not Powering On / No Video

- **Check PoE Connection:** Ensure the Ethernet cable is securely connected to both the camera and a powered PoE switch or NVR. Verify the PoE switch/NVR is functioning correctly.
- **Cable Integrity:** Inspect the Ethernet cable for any damage. Try a different cable if necessary.
- **Power Source:** If using a DC adapter (not included), ensure it is properly connected and providing the correct voltage.

6.2 Cannot Connect to Camera / Offline Status

- **Network Connectivity:** Verify your network connection is active. Ensure the camera is on the same local network as the device you are using to access it (initially).
- **Router/Switch Status:** Restart your router and/or PoE switch.
- **Firewall Settings:** Check if your network firewall is blocking the camera's communication.
- **Reolink App/Client:** Ensure you are using the latest version of the Reolink App or Client software.

6.3 False Alarms / Inaccurate Detection

- **Detection Sensitivity:** Adjust the detection sensitivity settings in the Reolink App/Client.
- **Detection Zone:** Configure specific detection zones to exclude areas with frequent irrelevant motion (e.g., swaying trees, busy roads).
- **Object Size:** For person/vehicle/animal detection, ensure the minimum and maximum object sizes are set appropriately to filter out small movements like insects or leaves.

6.4 Image Out of Focus

- **Clean Lens:** Ensure the camera lens is clean and free from dust, dirt, or smudges.
- **Refocus:** If the issue persists, try adjusting the focus within the Reolink App/Client if such an option is available for your model, or perform a camera restart.

7. SPECIFICATIONS

Feature	Detail
Model Name	E1 Outdoor SE PoE
Video Capture Resolution	4K (8 MP Effective Still Resolution)
Pan Range	355 Degrees
Tilt Range	50 Degrees

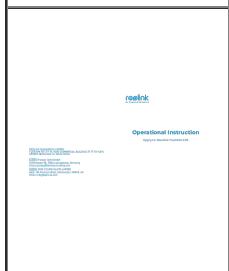| Feature	Detail
Night Vision	Color Night Vision, IR Night Vision (up to 12 meters)
Detection	Person, Vehicle, Animal Detection
Connectivity	Ethernet (PoE)
Storage Options	MicroSD Card (up to 512GB), Reolink NVR, FTP
Two-Way Talk	Yes (Built-in Mic & Speaker)
Weather Resistance	IP65 Waterproof
Power Source	Corded Electric (PoE)
Dimensions (L x W x H)	3.54 x 3.54 x 4.72 inches
Item Weight	2.1 Pounds
Material	Aluminum
Frame Rate	25 frames per second
Viewing Angle	88 Degrees

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official REOLINK website or contact REOLINK customer service directly. Details regarding product registration, warranty claims, and support resources can typically be found on the manufacturer's support pages.

Online Resources: Visit www.reolink.com for FAQs, firmware downloads, and additional support documentation.

Related Documents - E1 Outdoor SE PoE

	Reolink RLC-833A & RLC-1224A Operational Instructions Comprehensive operational instructions for Reolink RLC-833A and RLC-1224A PoE security cameras, covering setup, installation, troubleshooting, and specifications.
	Reolink TrackMix LTE Operational Instructions and Setup Guide Comprehensive operational instructions for the Reolink TrackMix LTE camera. This guide covers unboxing, camera introduction, detailed setup steps for SIM card activation and network connection (via app and PC), charging instructions, installation guidance for wall and ceiling mounting, safety precautions for battery usage, troubleshooting common issues, technical specifications, and compliance information.

	Reolink RLC-810PA 4K PoE Bullet Security Camera: Operational Instruction Manual
	Get detailed operational instructions for the Reolink RLC-810PA 4K PoE Bullet Security Camera. This guide covers setup, installation, troubleshooting, specifications, and compliance information.
	Reolink TrackMix WiFi Operational Instruction Manual
	Comprehensive operational instructions and setup guide for the Reolink TrackMix WiFi security camera. It covers unboxing, camera introduction, connection diagram, setup procedures, mounting instructions (wall and ceiling), troubleshooting common issues, technical specifications, and regulatory compliance information.
	Reolink TrackMix Operational Instructions and Specifications
	Comprehensive operational instructions, setup guide, troubleshooting, and specifications for the Reolink TrackMix security camera. Learn how to install, configure, and maintain your device.
	Reolink CX820 Operational Instructions
	Comprehensive operational instructions for the Reolink CX820 security camera, covering setup, installation, troubleshooting, specifications, and safety guidelines.

Documents - REOLINK – E1 Outdoor SE PoE

[pdf] Specifications Decleration of Conformity

Reolink E1 Outdoor SE PoE EU Declarations of Conformity for Products home cdn reolink us support decl series |||

EU Declaration of Conformity EN Manufacturer:REOLINK INNOVATION LIMITED Address:FLAT/RM 705 7/F F ... onsibility of the manufacturer and belongs to the following product: Product Type: IP Camera Model: E1 Outdoor SE PoE The object of the declaration described above is in conformity with the relevant ...

lang:de score:37 filesize: 257.96 K page_count: 5 document date: 2024-09-23

Reolink RLA-BKC1 Corner Mounting Bracket: Installation and Compatibility Guide
Comprehensive installation guide and compatibility list for the Reolink RLA-BKC1 corner mounting bracket. Discover how to enhance your Reolink camera's surveillance coverage and positioning in tight spaces with this durable accessory.
lang:en score:36 filesize: 1.92 M page_count: 9 document date: 2025-04-30

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Reolink RLA-BKC1 Corner Mounting Bracket: Installation Guide and Compatibility

The Reolink RLA-BKC1 corner mounting bracket allows easy placement of cameras in corners, providing optimal angles and simple installation in tight spaces. This guide includes installation instructions and a compatibility list for your Reolink camera.

Table of Contents

1. Overview of Reolink RLA-BKC1

The Reolink RLA-BKC1 bracket offers enhanced installation flexibility by enabling corner mounting, providing better coverage in corners that would otherwise be difficult to access. Its durable construction ensures reliable performance for both indoor and outdoor use.

- **Enhanced Installation Flexibility:** Generally, cameras are installed on flat walls or accessible surfaces. The RLA-BKC1 solves this by enabling corner mounting, offering a 90-degree angle for better coverage in tight spaces or areas where flat surfaces and other mounting options aren't available.
- **Increased Surveillance Coverage:** Corner mounting often provides a wide field of view for more comprehensive coverage. The RLA-BKC1 lets you utilize unused corner spaces, capturing more area with a single camera.

https://support.reolink.com/hc/en-us/articles/36070109192233-Reolink-RLA-BKC1-Corner-Mounting-Bracket-Installation-Guide-and-Compatibility/   1/9

[pdf] Installation Guide Instructions Frequently Asked Questions Guide

Reolink RLA BKC1 Corner Mounting Bracket Installation Guide and Compatibility kulmalaite rla bkc1 quickstartguidemedia dustin eu media d2000010011441342 quickstartguide |||
4/30/25, 4:04 PM Reolink RLA-BKC1 Corner Mounting Bracket: Installation Guide and Compatibility R ... t: Installation Guide and Compatibility Reolink Duo 2 Reolink Go WiFi Ranger PT E1 Outdoor PoE E1 Outdoor SE PoE E1 Outdoor E1 Outdoor S E1 Outdoor Pro E1 Outdoor CX Argus PT Argus PT Lite R...
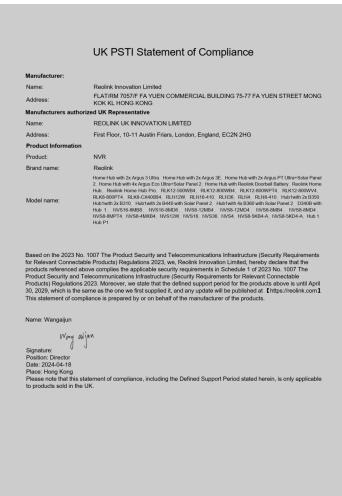lang:en score:36 filesize: 1.92 M page_count: 9 document date: 2025-04-30

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Quick Start Guide
Apply to E1 Outdoor PoE/E1 Outdoor SE PoE

[pdf] Quick Start Guide Installation Guide Troubleshooting Guide Specifications Guide Diagram

Reolink Quick Start Guide User GuideReolink 4K PoE Security Camera for Home Surveillance with Color Night Vision 355° Pan 50° Tilt Auto Tracking Smart Detection Two Way Audio 24 7 Recording E1 Outdoor SE Amazon ieA1rKPtVnMKLm media amazon images I A1rKPtVnMKL ref dp product quick view |||
March 2024 QSG1_A_EN Item No. : E560 P/E550 P Quick Start Guide Apply to: E1 Outdoor PoE/E1 Outdoor SE PoE 58.03.001.0439 R e o l i n kTe c h EN Content What s in the Box ...
lang:en score:30 filesize: 1.12 M page_count: 6 document date: 2025-03-20

UK PSTI Statement of Compliance

Manufacturer:
Name: Reolink Innovation Limited
Address: FLAT/RM 7057/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG
Manufacturers authorized UK Representative
Name: REOLINK UK INNOVATION LIMITED
Address: First Floor, 10-11 Austin Friars, London, England, EC2N 2HG
Product Information
Product: NVR
Brand name: Reolink
Model name: Home Hub with 2x Argus 3 Ultra, Home Hub with 2x Argus 3E, Home Hub with 2x Argus PT Ultra+Solar Panel 2, Home Hub with 4x Argus Eco Ultra+Solar Panel 2, Home Hub with Reolink Doorbell Battery, Reolink Home Hub, Reolink Home Hub Pro, RLK12-560W84, RLK12-800W84, RLK12-800WP16, RLK12-800WV4, RLK8-800PT4, RLK8-CX400B4, RLS12W, RLH15-410, RLH08-410, RLN4, RLH8-410, HaloHH 2x E030, HaloHH 2x E010, HaloHH 2x B440 with Solar Panel 2, HaloHH 4x B360 with Solar Panel 2, E340B with Hub 1, NVS16-8M04, NVS16-8M08, NVS8-12M04, NVS8-12M04, NVS8-12M04, NVS8-0M04, NVS8-0M04, NVS58-8M04, NVS58-8M04, NVS58-8M04, NVS12W, NVS36, NVS4, NVS8-5K04-A, NVS8-5K04-A, Hub 1, Hub P1

Based on the 2023 No. 1007 The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023, we, Reolink Innovation Limited, hereby declare that the products referenced above complies the applicable security requirements in Schedule 1 of 2023 No. 1007 The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023. Moreover, we state that the defined support period for the products above is until April 30, 2029, which is the same as the one we first supplied it, and any update will be published at [https://reolink.com]. This statement of compliance is prepared by or on behalf of the manufacturer of the products.

Name: Wangqjun

Signature:
Position: Director
Date: 2024-04-18
Place: Hong Kong
Please note that this statement of compliance, including the Defined Support Period stated herein, is only applicable to products sold in the UK.

Reolink UK PSTI Statement of Compliance for Surveillance Equipment
Official statement of compliance from Reolink Innovation Limited for various Reolink NVRs, IP Cameras, and other connectable products, confirming adherence to UK security regulations with a support period until April 30, 2029.
lang:en score:21 filesize: 278.03 K page_count: 3 document date: 2024-11-27