REOLINK E1 Outdoor

REOLINK E1 Outdoor Security Camera User Manual

Model: E1 Outdoor | Brand: REOLINK

Introduction

The REOLINK E1 Outdoor is a versatile 5MP HD PTZ (Pan-Tilt-Zoom) WiFi security camera designed for comprehensive home surveillance. It features advanced motion tracking, dual-band WiFi connectivity, 3X optical zoom, and intelligent person/vehicle detection. With its built-in spotlight and color night vision capabilities, the E1 Outdoor provides clear monitoring day and night, ensuring enhanced security for your property.

What's in the Box

- Camera (1)
- Bracket (1)
- Power Adapter (1)
- 4.5m Power Extension Cable (1)
- 1m Network Cable (1)
- Quick Start Guide (1)



Figure 1: Included components of the Reolink E1 Outdoor camera package.

Key Features

- **5MP HD & 3X Optical Zoom:** Provides crystal-clear images and videos with the ability to zoom in for more details.
- **355° Pan & 50° Tilt:** Control the camera's viewing angle remotely via the phone app to cover all corners.
- **2.4/5 GHz Dual-Band WiFi:** Offers flexible and stable network performance. Requires continuous power via adapter.
- **Smart Detection & Alerts:** Triggers siren or push/email notifications upon person/vehicle detection. Features auto-tracking for noteworthy incidents.
- **Spotlight Color Night Vision:** Equipped with a spotlight for full-color night vision, enhancing visibility and deterrence.
- **Multiple Storage Options:** Supports microSD card (up to 512GB) and works with Reolink NVR for 24/7 video recording.
- **Weatherproof Design:** IP64 rated, suitable for outdoor use in various weather conditions.



Figure 2: The 5MP Super HD resolution and 3X optical zoom capability of the camera.

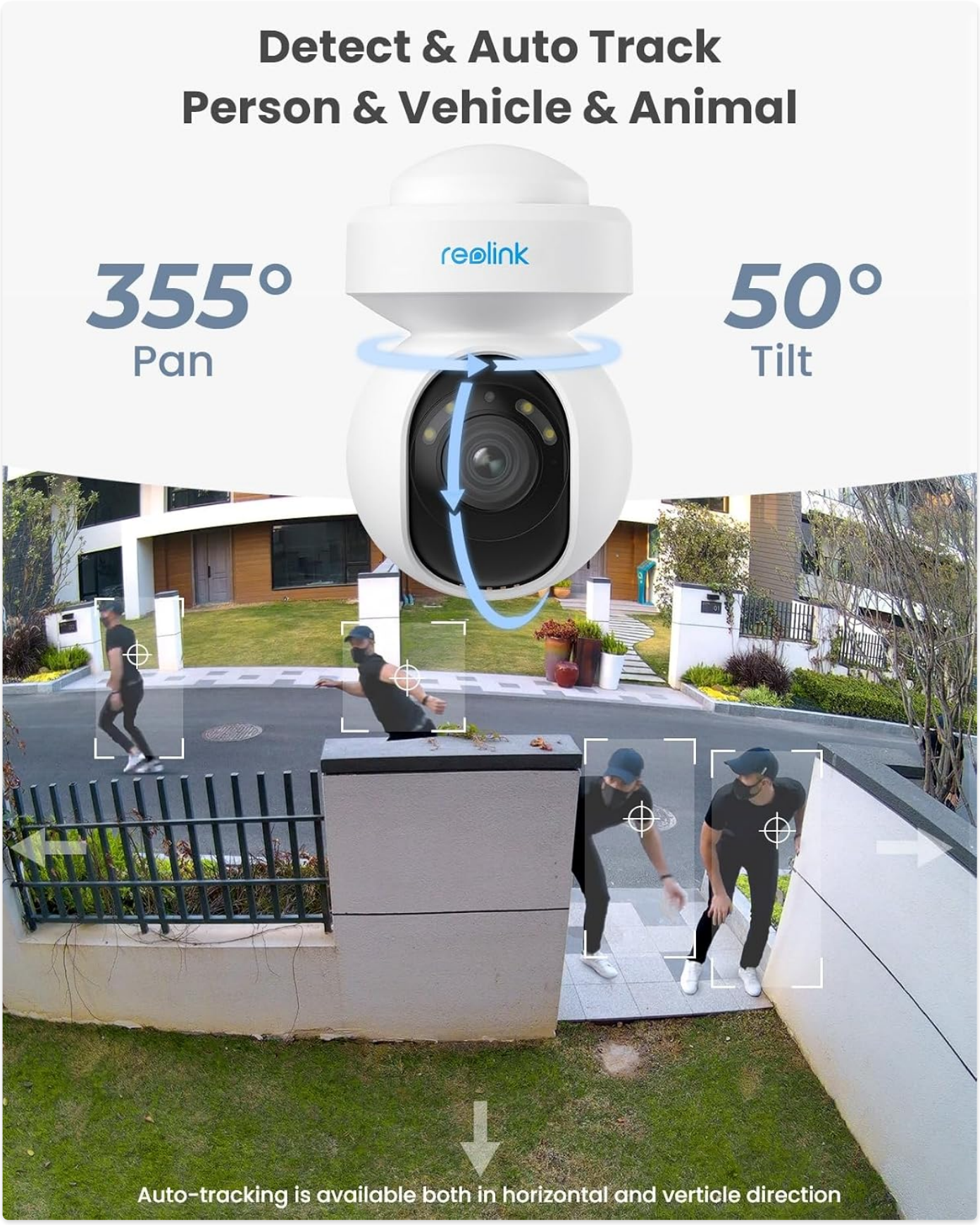


Figure 3: Pan and tilt functionality with auto-tracking of detected subjects.

Figure 4: Comparison of vivid full-color night vision provided by the camera's spotlight.

Setup

Initial Power-on and App Setup

1. Connect the camera to the power adapter and plug it into an electrical outlet.
2. For initial setup, you can connect the camera to your router via the provided Ethernet cable for a stable connection.
3. Download the Reolink App from your smartphone's app store (available on iOS and Android).
4. Open the Reolink App and follow the on-screen instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its UID.
5. Create a device password and name for your camera.
6. Once connected, you can configure your WiFi network (2.4GHz or 5GHz) within the app.

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Video 1: Reolink E1 Outdoor - Unboxing, Easy Setup & Installation. This video demonstrates the unboxing process, how to power on the camera, and the steps for initial setup using the Reolink app, including connecting to WiFi.



Figure 5: Two methods for initial setup: wireless setup via QR code scan or wired connection for first-time configuration.

Installation

The E1 Outdoor camera can be installed on a wall or ceiling. For outdoor use, it is recommended to install the camera upside down for better waterproof performance.

1. Place the mounting template on the desired wall or ceiling location.
2. Drill holes according to the template and screw the security bracket to the wall/ceiling.
3. Attach the camera to the security bracket and adjust the viewing angle as needed.



Figure 6: The Reolink E1 Outdoor camera mounted on a wall, ready for surveillance.

Operating the Camera

Live View and PTZ Control

Access the live feed from your camera through the Reolink App. Use the PTZ controls within the app to pan (355°) and tilt (50°) the camera, allowing you to monitor a wide area.

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Video 2: Reolink E1 Outdoor - 5MP Super HD Details with Zoom. This video showcases the camera's 5MP resolution and 3X optical zoom capabilities, demonstrating clear image capture.

Smart Detection and Alerts

The camera features intelligent detection for persons and vehicles, reducing false alarms. When motion is detected, the camera can:

- Send push notifications to your phone.
- Send email alerts with snapshots.
- Trigger the built-in siren.
- Activate the motion spotlight for deterrence and color night vision.

Auto-tracking ensures that detected subjects remain in view as they move across the monitored area.

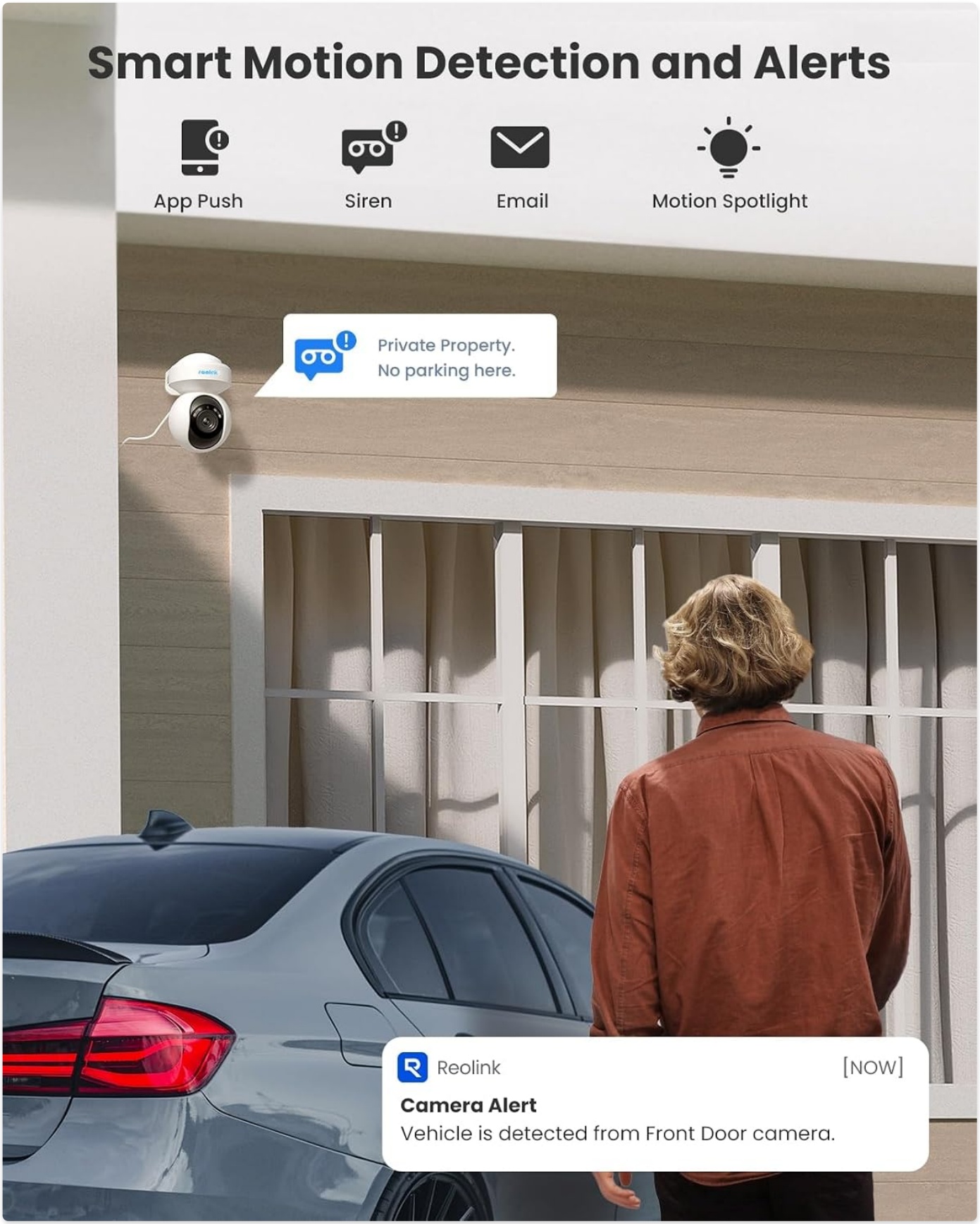


Figure 7: Overview of smart detection features including various alert types.

Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to hear what's happening and speak through the camera, which can be useful for greeting visitors or deterring intruders.

Storage Options

Recordings can be stored locally on a microSD card (up to 512GB supported) or continuously on a compatible Reolink NVR (Network Video Recorder) for 24/7 surveillance.



Figure 8: Available storage solutions for video recordings.

Time-Lapse

Create captivating time-lapse videos to capture long-term events, such as construction projects or changing weather patterns, in a condensed format.

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Video 3: 5MP Resolution Video for E1 Outdoor. This video demonstrates the high-resolution video quality of the E1 Outdoor camera, suitable for detailed surveillance.

Maintenance

- Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality.
- Check cable connections periodically to ensure they are secure and free from damage.
- Ensure the camera's firmware is up to date through the Reolink App for optimal performance and security.
- While weatherproof, avoid directing high-pressure water jets directly at the camera.

Troubleshooting

Camera Offline

- Check if the power adapter is securely connected and the camera is receiving power.
- Verify your WiFi network is active and stable.
- Ensure the camera is within range of your WiFi router. Consider using a WiFi extender if necessary.
- If using a wired connection, check the Ethernet cable and router connection.
- Try restarting the camera by unplugging and re-plugging the power adapter.

Poor Image Quality

- Clean the camera lens to remove any dust or smudges.
- Ensure there are no obstructions blocking the camera's view.
- Check the camera's position to avoid direct sunlight or overly bright/dim areas that can cause glare or poor visibility.
- Verify your internet connection speed is sufficient for streaming high-resolution video.

False Alarms

- Adjust the motion detection sensitivity settings in the Reolink App.
- Configure motion detection zones to exclude areas with frequent irrelevant motion (e.g., busy roads, swaying trees).
- Ensure person/vehicle detection is enabled if you only want alerts for these specific events.

Specifications

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	5 MP
Connectivity Protocol	Wi-Fi
Wireless Communication Technology	Wi-Fi 5+2.4/5GHz Wi-Fi
Viewing Angle	355 Degrees (Pan) / 50 Degrees (Tilt)
Optical Zoom	3 x

Feature	Detail
Night Vision Range	40 Feet
Water Resistance Level	Waterproof (IP64)
Storage Supported	MicroSD up to 512 GB
Power Source	Corded Electric (12 Volts, 12 watts)
Item Dimensions (L x W x H)	4.65 x 3.35 x 3.35 inches
Item Weight	13.4 ounces
Alert Type	Person/Vehicle/Animal/Motion Detection

Warranty and Support

REOLINK products typically come with a limited warranty. Please refer to the official REOLINK website or the warranty card included in your package for specific warranty terms and conditions.
For technical support, product inquiries, or further assistance, please visit the official REOLINK support page or contact their customer service. You can find more information and resources on the REOLINK Store on Amazon.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question