Reolink Reolink E Series E540 WHITE

Reolink E Series E540 5 MP WLAN PTZ Surveillance Camera User Manual

Model: Reolink E Series E540 WHITE

1. Product Overview

The Reolink E Series E540 is a high-definition 5 MP WLAN PTZ (Pan-Tilt-Zoom) surveillance camera designed for outdoor use. It features intelligent person and vehicle detection, an integrated spotlight, and a siren for enhanced security. This manual provides essential information for setting up, operating, and maintaining your camera.

Key Features:

- Super HD 5 MP Resolution
- 3550 Pan & 500 Tilt for wide coverage
- Intelligent Person and Vehicle Detection with Automatic Tracking
- 3x Optical Zoom
- Two-Way Audio communication
- Color Night Vision with integrated Spotlight (up to 12m)
- Weatherproof design for outdoor installation



Figure 1.1: Front view of the Reolink E Series E540 camera, showing the lens and Reolink logo.

2. What's in the Box

Please check the package contents upon unboxing:

- 1 x Reolink E Series E540 Camera
- 1 x Power Adapter
- 1 x Network Cable
- 1 x Mounting Template
- 1 x Surveillance Sign
- Screws and Wall Anchors
- Quick Start Guide



Figure 2.1: The Reolink E540 camera showing its power cable, Ethernet port, and microSD card slot.

3. Setup Guide

3.1 Initial Setup

1. **Unpack the Camera:** Carefully remove all components from the packaging.
2. **Power On:** Connect the camera to a power outlet using the provided power adapter. The camera will power on and perform a self-test.
3. **Download Reolink App:** Search for "Reolink App" on the App Store (iOS) or Google Play (Android) and install it on your smartphone.
4. **Add Device:** Open the Reolink App, tap the "+" icon in the top right corner, and scan the QR code on the camera body. Follow the on-screen instructions to connect the camera to your Wi-Fi network.
5. **Set Password:** Create a strong password for your camera for security purposes.

3.2 Mounting the Camera

Choose a suitable location for mounting, ensuring a clear field of view and strong Wi-Fi signal. The camera is weatherproof and suitable for outdoor installation.

1. **Mark Drilling Holes:** Use the mounting template to mark the positions for drilling holes on the wall or ceiling.
2. **Drill Holes:** Drill holes at the marked positions. Insert wall anchors if mounting on a masonry surface.
3. **Secure the Camera:** Align the camera's base with the drilled holes and secure it using the provided screws.
4. **Adjust Angle:** Loosen the adjustment screw to pan and tilt the camera to your desired viewing angle, then tighten the screw to fix its position.



Figure 3.1: The Reolink E540 camera mounted on an exterior wall, demonstrating a typical installation scenario.

4. Operating the Camera

4.1 Live View and Playback

Access the live view of your camera through the Reolink App. You can also review recorded footage from the microSD card (if installed) or Reolink NVR.

4.2 Pan, Tilt, and Zoom (PTZ) Control

Use the controls within the Reolink App to remotely pan (3550), tilt (500), and zoom (3x optical) the camera lens to monitor different areas.

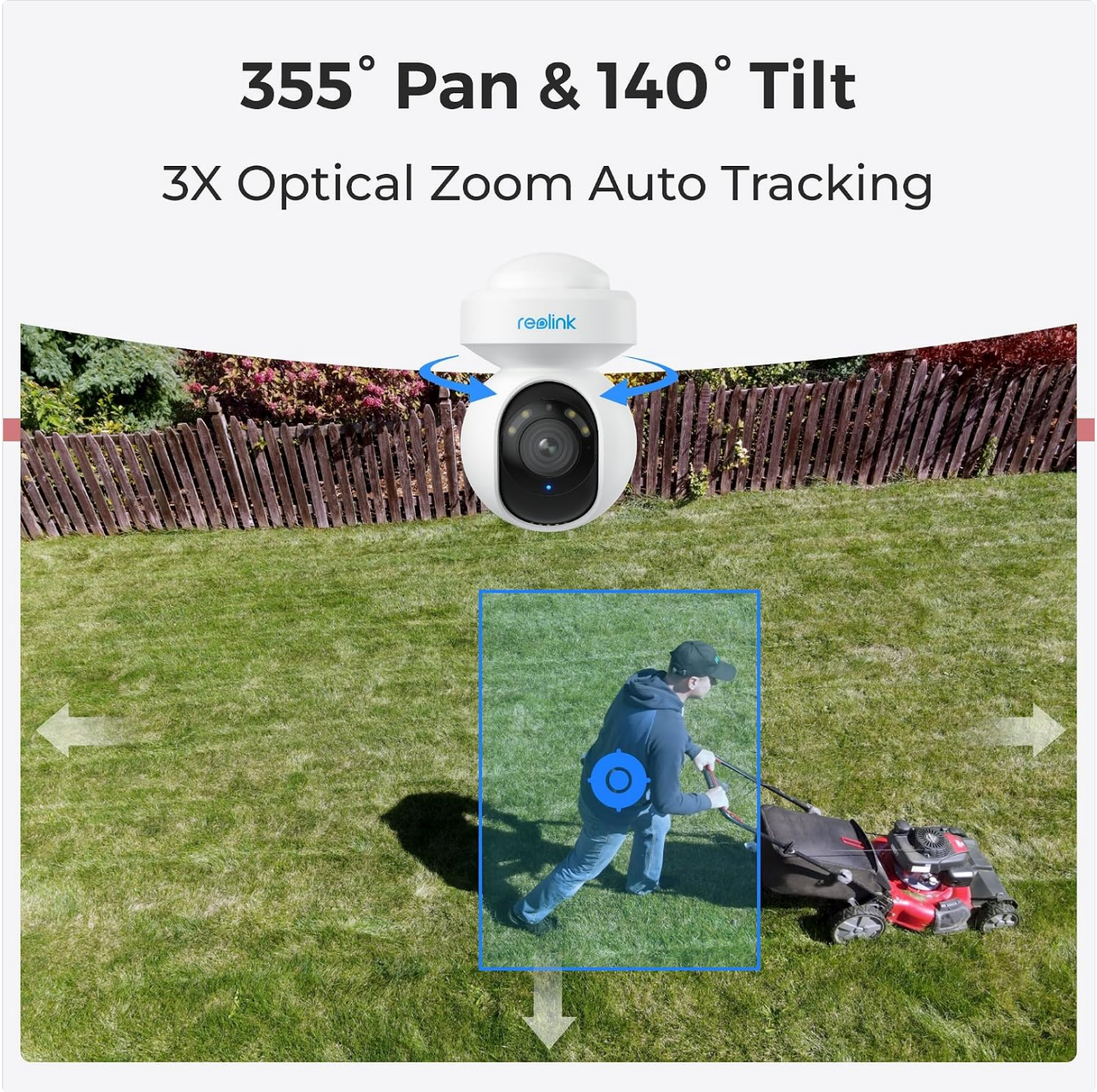


Figure 4.1: Illustration of the camera's 3550 pan and 1400 tilt capabilities, along with auto-tracking of a person.

4.3 Intelligent Detection and Auto Tracking

The E540 camera can intelligently distinguish between people and vehicles, reducing false alarms from irrelevant movements. When a person or vehicle is detected, the camera can automatically track their movement within its field of view.



Figure 4.2: Examples of person, vehicle, and motion detection, highlighting how detection zones can be configured to reduce false alarms.

4.4 Two-Way Audio

Utilize the built-in microphone and speaker to listen in on the camera's surroundings and speak to visitors or deter intruders directly through the Reolink App.

4.5 Color Night Vision with Spotlight

The integrated spotlight enables the camera to capture full-color video even in low-light conditions, providing clearer and more detailed night surveillance. The spotlight can also be activated manually or triggered by motion.



Figure 4.3: The camera's integrated spotlight illuminating a dark area, demonstrating its color night vision capability.

5. Maintenance

5.1 Cleaning

Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals or abrasive materials.

5.2 Firmware Updates

Periodically check for firmware updates via the Reolink App. Keeping your camera's firmware up-to-date ensures optimal performance, new features, and security enhancements.

5.3 Environmental Considerations

While the camera is weatherproof, avoid direct exposure to extreme weather conditions (e.g., prolonged heavy rain, direct sunlight in extreme heat) to prolong its lifespan.

6. Troubleshooting

6.1 No Power

- Ensure the power adapter is securely connected to the camera and a working power outlet.
- Verify the power outlet is functional by plugging in another device.

6.2 Cannot Connect to Wi-Fi

- Ensure the camera is within range of your Wi-Fi router.
- Check if your Wi-Fi password is entered correctly in the app.
- Restart your router and the camera.
- If using a dual-band router, ensure you are connecting to the 2.4GHz network during initial setup.

6.3 Poor Image Quality

- Clean the camera lens.
- Ensure there are no obstructions in front of the lens.
- Check your internet connection speed. A slow connection can affect streaming quality.

6.4 False Alarms

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

7. Specifications

Feature	Specification
Model Number	Reolink E Series E540 WHITE
Resolution	5 MP Super HD
Pan Range	3550
Tilt Range	500
Optical Zoom	3x
Connectivity	WLAN (802.11ac)
Color	White
Weight	415 g
Power Consumption	10 Watt
Special Feature	Weatherproof

8. Warranty and Support

8.1 Warranty Information

Reolink products typically come with a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Reolink website. Keep your purchase receipt as proof of purchase for warranty claims.

8.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please contact Reolink customer support. You can find contact information and frequently asked questions (FAQs) on the official Reolink website: reolink.com/support/

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