REOLINK RLC-1240A

REOLINK RLC-1240A 12MP Vandalproof PoE Security Camera User Manual

Model: RLC-1240A
Brand: REOLINK

Introduction

The REOLINK RLC-1240A is a high-performance 12MP Vandalproof PoE Security Camera designed for comprehensive surveillance. It offers crystal-clear 12MP Ultra HD video with a 1450 wide viewing angle, ensuring no detail is missed. Equipped with color night vision and two-way audio, it provides enhanced security day and night. The camera features smart detection capabilities for persons, vehicles, and animals, reducing false alarms. Its robust IP67 weatherproof and IK10 vandalproof design ensures durability in various environmental conditions. Power over Ethernet (PoE) technology simplifies installation by providing both power and data through a single cable.

What's in the Box

Upon unboxing your REOLINK RLC-1240A camera, please verify that all the following components are included:

- REOLINK RLC-1240A Camera
- Waterproof Lid
- Pack of Screws
- 1m Ethernet Cable
- Mounting Template
- Reset Needle
- Surveillance Sticker
- Quick Start Guide



Image: REOLINK RLC-1240A camera and included accessories.

Setup

Powering On the NVR

Before connecting cameras, ensure your Network Video Recorder (NVR) is powered on. Connect the 48V DC power adapter to the NVR's power input. If your NVR has a power switch, turn it on.

Connecting Cameras to NVR

There are two primary methods for connecting your REOLINK RLC-1240A cameras to the NVR:

Method 1: Direct Connection (Camera to NVR PoE Port)

For direct connection, use an Ethernet cable to connect the camera's network port directly to one of the Power over Ethernet (PoE) ports on your NVR. This method provides both power and data transmission through a single cable.

Diagram: Direct PoE connection from camera to NVR.

Method 2: Connection via Router (NVR and Cameras to Same Router)

If you need to access your NVR via the Reolink App, Client, or a web browser, or if you are using a separate PoE switch, connect the NVR's LAN port to your router using an Ethernet cable. Then, connect your cameras to a PoE switch, and connect the PoE switch to the same router.

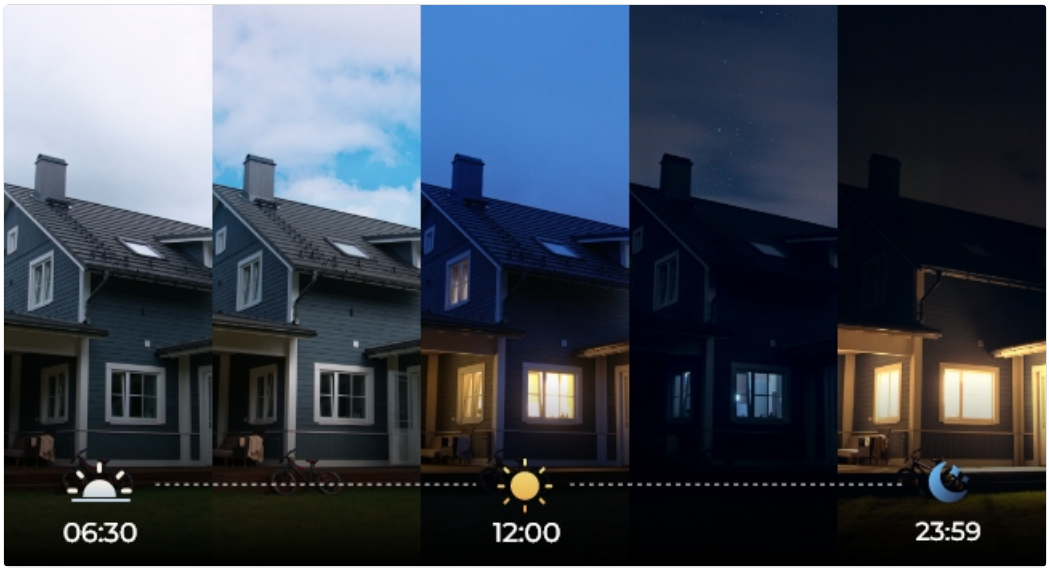


Diagram: Connection via router, showing NVR and camera (via PoE switch) connected to the same network.

Initial NVR Setup

After connecting your cameras, you can proceed with the initial setup of your NVR. This can be done via a monitor, the Reolink App, or the Reolink Client software.

Video: How to Set Up the Reolink PoE Camera System. This video demonstrates connecting cameras to the NVR and the initial setup process using a monitor, the Reolink App, and the Reolink Client.

Setup on a Monitor

Connect your NVR to a monitor or TV using a VGA or HDMI cable. Connect a USB mouse to the NVR. Follow the on-screen prompts to configure settings such as language, screen resolution, date/time format, device name, storage, network settings, and email settings. Once configured, the camera channels should appear on the screen.

Setup on the Reolink App

Launch the Reolink App on your smartphone. If your phone and NVR are on the same network, the NVR may be automatically added. If not, tap the 'Add Device' button. You can scan the QR code on the NVR, manually enter the UID or IP address, or use the LAN search function to find and add your device. Follow the prompts to create a login password and name your device.

Setup on the Reolink Client

Install and launch the Reolink Client software on your computer. Ensure your computer and NVR are connected to the same network for automatic detection. If the NVR is not automatically added, you can manually add it by scanning for devices in the LAN, entering the UID number, or providing the IP address. Once added, you will be prompted to create a login password and name the device.

Installation

Mounting Considerations

When choosing a mounting location for your RLC-1240A camera, consider the following to ensure optimal performance and longevity:

- **Avoid Direct Light Sources:** Do not face the camera directly towards strong light sources like the sun, as this can cause glare and affect image quality.
- **Weather Protection:** While the camera is IP67 weatherproof, avoid positions where weather conditions (e.g., heavy rain, snow) can directly hit and cover the lens, which might temporarily obscure the view.
- **Vandal Resistance:** The camera is IK10 vandalproof, but strategic placement can further deter tampering.



Image: The RLC-1240A camera's robust design for outdoor use.

Mounting Steps

Follow these steps to securely mount your REOLINK RLC-1240A camera:

1. **Prepare the Surface:** Choose a flat, stable surface for mounting, such as a ceiling or wall.
2. **Use Mounting Template:** Stick the provided mounting template to the desired installation spot.
3. **Drill Holes:** Drill holes according to the marks on the mounting template.
4. **Insert Drywall Anchors:** If mounting on drywall, gently tap the drywall anchors into the drilled holes using a hammer.
5. **Remove Dome Cover:** Use the hex key to remove the dome cover from the camera base.
6. **Screw Camera Base:** Align the camera base with the drilled holes and screw it securely to the ceiling or wall.
7. **Adjust Lens Angle:** Adjust the lens angle as needed to ensure optimal coverage of your surveillance area. The camera features a swivel bracket for manual adjustment.
8. **Reattach Dome Cover:** Screw the dome cover back onto the camera base, ensuring it is tightly sealed to maintain its weatherproof rating.

Video: How to Install Reolink Vandalproof Cameras. This video provides a visual guide for the installation process, including preparing the surface, drilling, and securing the camera.

Operating Instructions

Key Features and Usage

- **12MP Ultra HD View & 1450 Wide Angle:** The RLC-1240A delivers stunning 12MP clarity (4512x2512 pixels) with an expansive 1450 wide-angle lens, providing comprehensive coverage and sharp details.

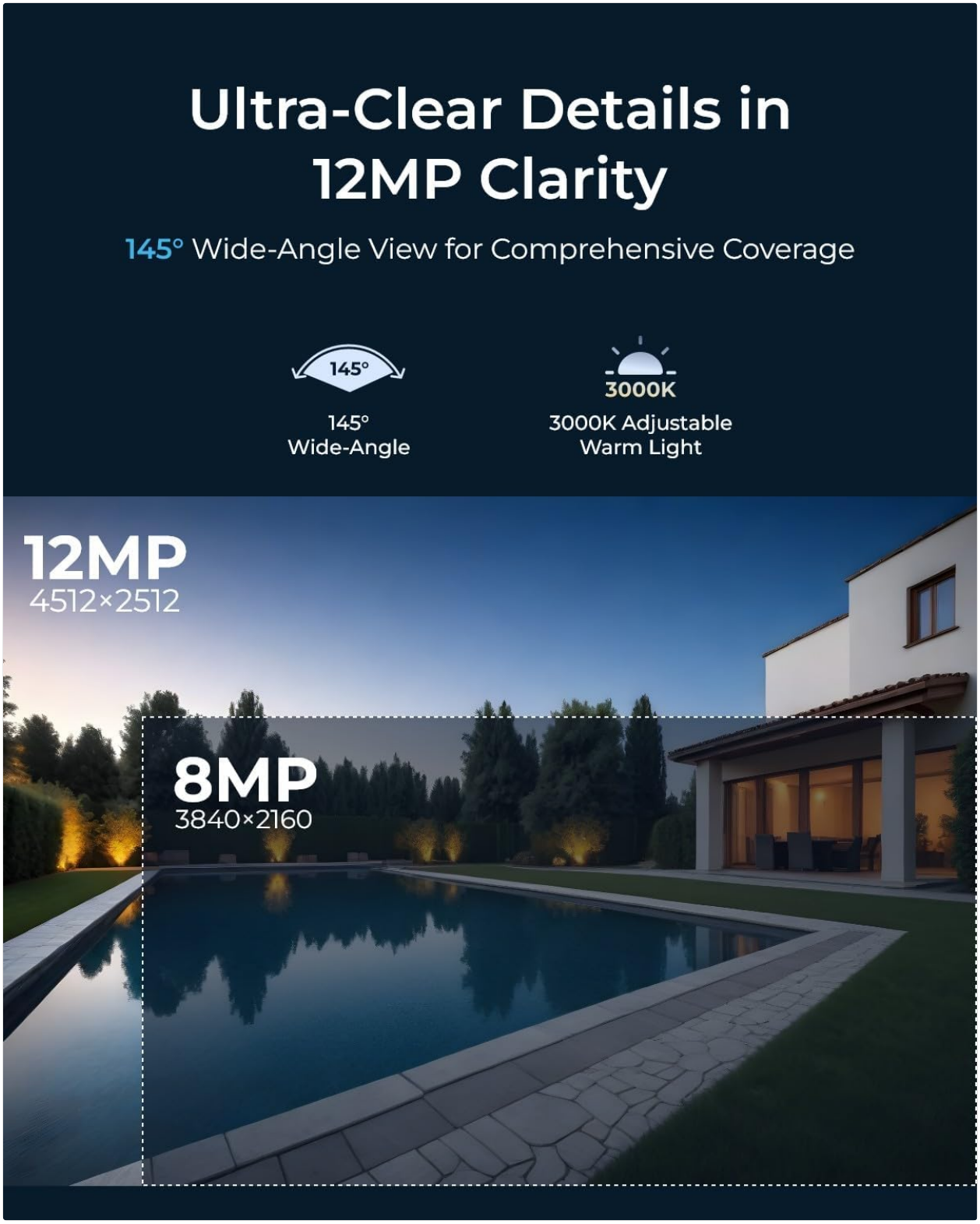


Image: Comparison of 12MP vs 8MP clarity and 1450 wide angle view.

- **Color Night Vision & Two-Way Talk:** Equipped with a 3000K warm light, the camera offers exceptional clarity in low-light conditions, enabling full-color night vision. The built-in microphone and speaker facilitate two-way communication with individuals near the camera.



Image: Demonstration of crisp color night vision with 3000K warm light.

- **Smart Detection & Multi-Device Access:** The camera accurately detects persons, vehicles, and animals, significantly reducing false alarms. It supports up to 12 online streams and accommodates up to 20 user accounts for seamless accessibility and monitoring across multiple devices.

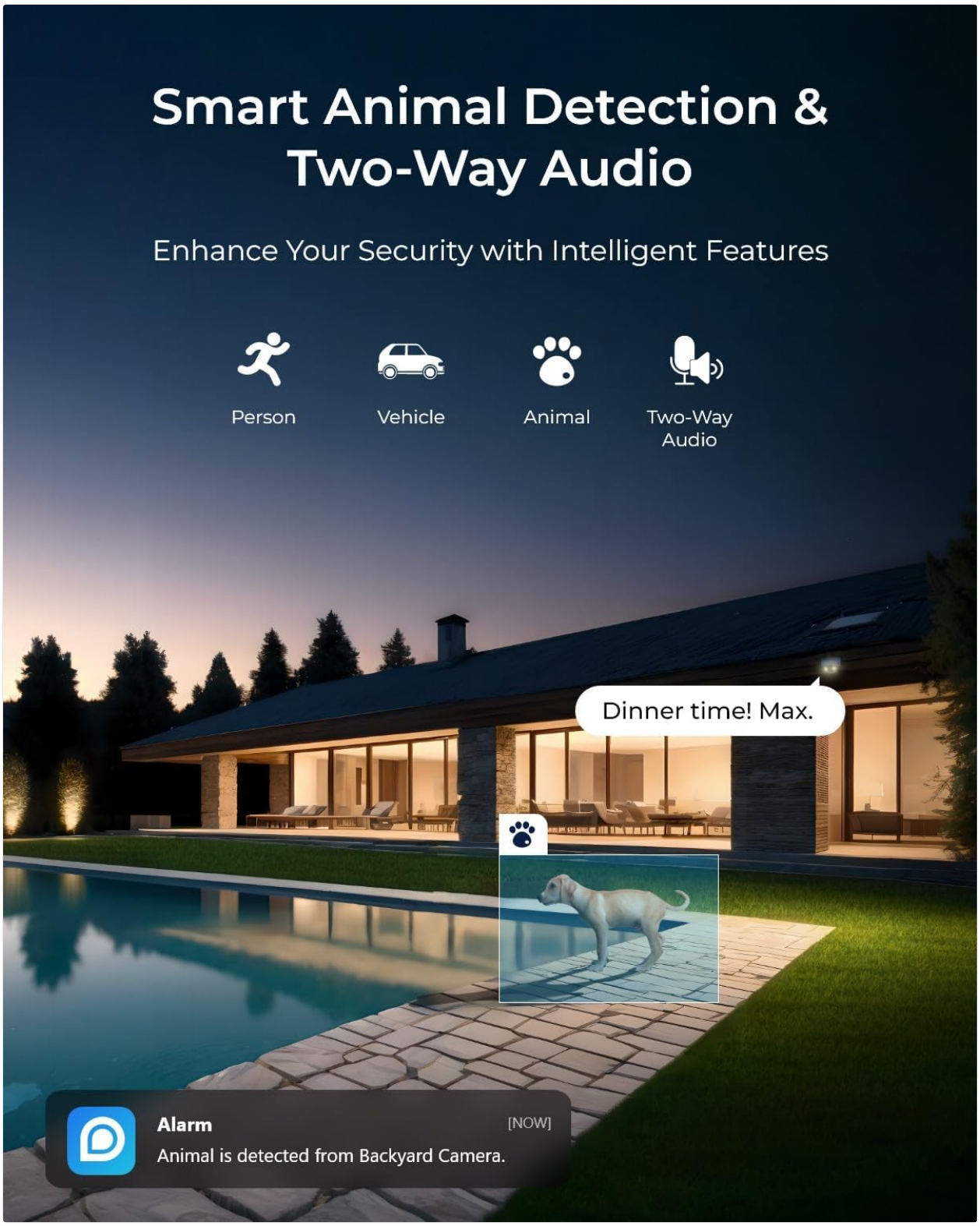


Image: Smart detection features for persons, vehicles, and animals, along with two-way audio.

- **24/7 Recording Options:** The camera supports continuous recording to a microSD card (up to 256GB, not included), a Reolink NVR, or an FTP/NAS server, ensuring constant surveillance.



Image: Various 24/7 recording options including microSD, NVR, and FTP/NAS.

Maintenance

Cleaning

Regular cleaning of the camera lens and dome is recommended to maintain optimal image clarity. Use a soft, lint-free cloth to gently wipe the surface. Avoid abrasive cleaners or materials that could scratch the lens or dome.

Firmware Updates

Periodically check for firmware updates via the Reolink App or Client software. Firmware updates often include

performance improvements, new features, and security enhancements. Follow the instructions provided within the app or client for a safe and successful update process.

Troubleshooting

Issue	Possible Cause / Solution
No image/video on NVR/App/Client	Check power connection to NVR and camera. Ensure Ethernet cables are securely connected. Verify network connectivity between NVR/camera and router. Confirm correct NVR setup and camera addition in the app/client.
Poor image quality (blurry, dark, overexposed)	Clean the camera lens/dome. Adjust camera angle to avoid direct light sources. Check network bandwidth if streaming is choppy. Ensure night vision settings are appropriate for ambient light.
Motion detection not working or too many false alarms	Adjust motion detection sensitivity settings in the app/client. Configure detection zones to exclude irrelevant areas (e.g., moving trees). Ensure smart detection (person/vehicle/animal) is enabled correctly.
Two-way audio issues	Check microphone and speaker settings in the app/client. Ensure volume levels are adequate. Verify network stability for clear audio transmission.
Cannot access camera remotely	Ensure NVR/camera is connected to the internet. Check router settings for port forwarding if necessary (though Reolink P2P usually avoids this). Verify UID/IP address is correct.

For more detailed troubleshooting, please refer to the officialUser Guide (PDF) or contact REOLINK support.

Specifications

Feature	Detail
Video Capture Resolution	12MP
Viewing Angle	121 Degrees (1450 wide angle as advertised)
Connectivity Technology	Ethernet (PoE)
Power Source	Corded Electric (PoE)
Water Resistance Level	Waterproof (IP67)
Vandal Resistance	IK10
Night Vision Range	100 Feet
Special Features	Easy to Install, Night Vision, Vandal Proof, Time-Lapse, 2-Way Talk
Item Dimensions L x W x H	4.61 x 4.61 x 3.39 inches
Item Weight	1.26 pounds (570 Grams)

Feature	Detail
Operating Temperature	-100C/140F to 550C/1310F (from A+ content)

Warranty and Support

REOLINK products typically come with a limited warranty. Please refer to the official REOLINK website or the Quick Start Guide included in your package for specific warranty terms and conditions.
For technical support, troubleshooting assistance, or any inquiries regarding your RLC-1240A camera, please visit the official REOLINK support page or contact their customer service directly. You can also find additional resources and FAQs on their website.
Official User Guide (PDF): Download Here

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