

REOLINK RLK16-800B8

REOLINK 4K Security Camera System RLK16-800B8 Instruction Manual

Model: **RLK16-800B8** | Brand: **REOLINK**

INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your REOLINK 4K Security Camera System, model RLK16-800B8. This system features 4K Ultra HD (8MP) PoE cameras, offering nearly four times the clarity of 1080p. It includes advanced person and vehicle detection to minimize false alerts, remote access and playback capabilities via the free Reolink app, and a simple plug-and-play PoE setup. The system supports continuous 24/7 recording with a pre-installed 4TB HDD, expandable up to 16TB.



Image: The REOLINK 4K Security Camera System, including the NVR and eight bullet cameras.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- RLN16-410 NVR (1 unit)
- B800 4K PoE Cameras (8 units)
- NVR Power Adapter (1 unit)
- HDMI Cable (1 unit)
- USB Mouse (1 unit)
- 1m Network Cable (1 unit)
- 18m Network Cable (8 units)

SETUP

Follow these steps to set up your REOLINK 4K Security Camera System.

1. Connect the NVR

1. Connect the NVR to a monitor using the provided HDMI or a VGA cable.
2. Connect the USB mouse to a USB port on the NVR.
3. Connect the NVR to your router using an Ethernet cable for network access.
4. Connect the NVR power adapter to the NVR and plug it into a power outlet. Turn on the NVR if it has an on/off switch.



Image: Rear view of the REOLINK NVR showing HDMI, VGA, USB, LAN, and PoE ports.

2. Connect the Cameras

1. Connect each PoE camera to an available PoE port on the NVR using the provided 18m network cables. The cameras will power on automatically.
2. Ensure all cameras you wish to add are connected to the same local area network (LAN) as the NVR for automatic detection.

Continuous **24/7** Recording

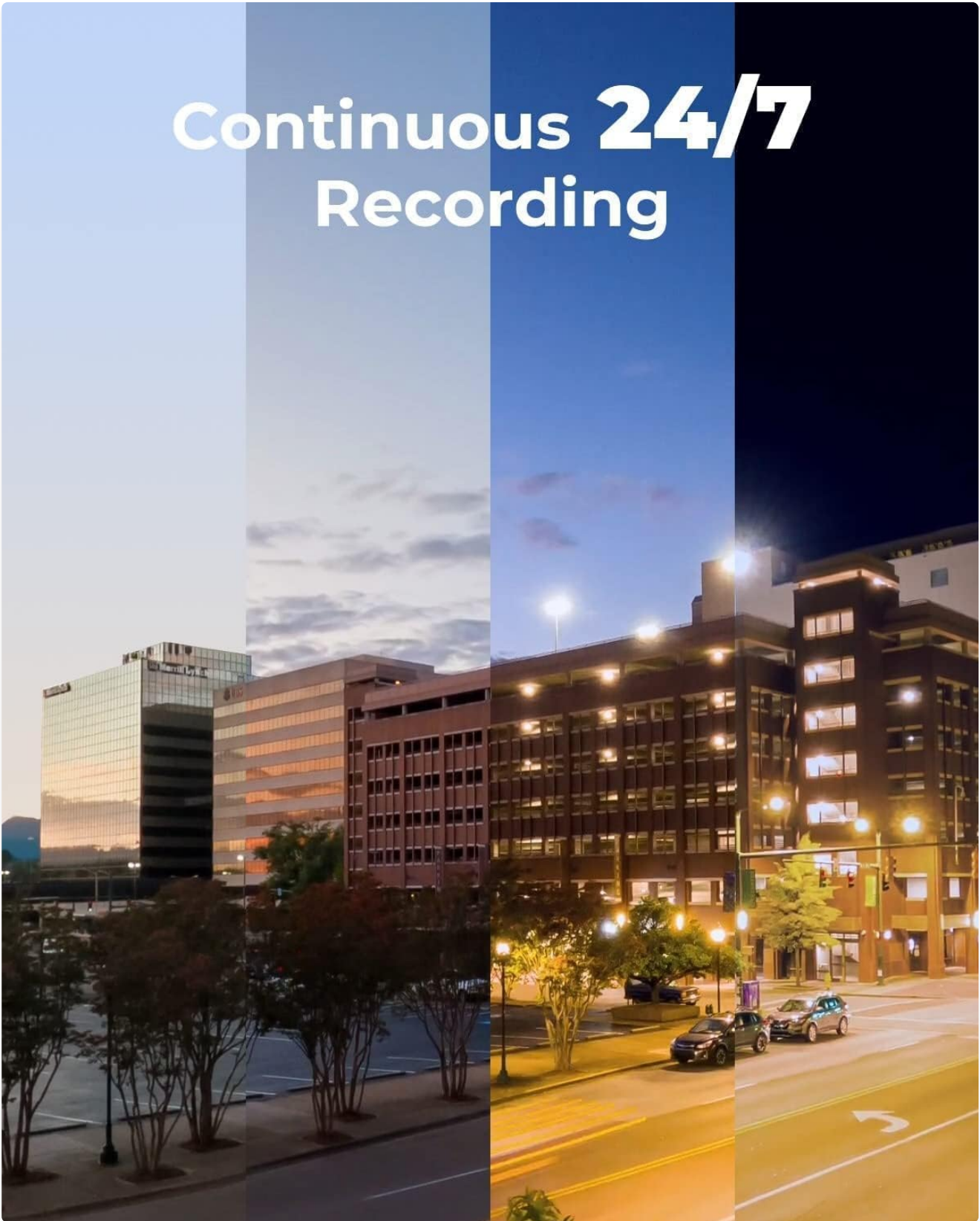


Image: A REOLINK PoE camera connected to the NVR, demonstrating the simple plug-and-play setup.

3. Initial Configuration

Follow the on-screen prompts on the connected monitor to complete the initial setup, including setting a password for the NVR.

Your browser does not support the video tag.

Video: A detailed guide on unboxing and setting up the REOLINK RLK16-800B8 system.

OPERATING THE SYSTEM

Remote Access and Playback

Access your cameras remotely from anywhere using the free Reolink app on your smart device (iOS, Android) or client software (Windows, Mac OS). Perform live views and playbacks via WiFi or 3G/4G connection.

Live View Anytime, Anywhere

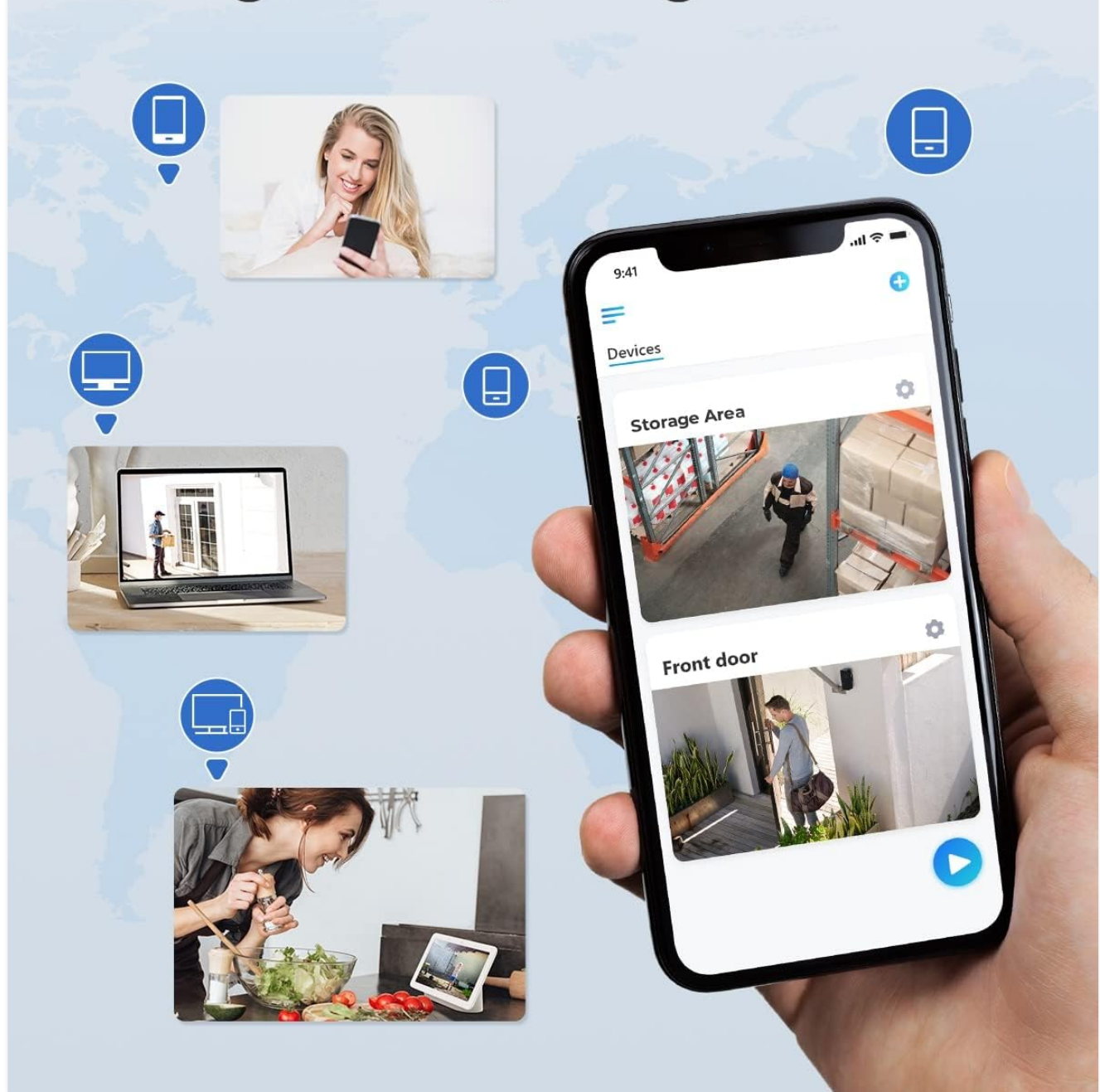


Image: The Reolink app displaying live camera feeds on various smart devices.

Smart Detection

The smart PoE IP cameras can identify people and vehicles, minimizing false alerts from animals or shadows. Configure alerts to specify the type of detection when sending notifications to your device.

Smart Detection Human/Vehicle



App Push



Email Alert



Image: An example of the smart detection feature highlighting a person and a car.

4K Ultra HD Video Quality

Experience vivid 4K Ultra HD resolution, providing clear and detailed footage even when digitally zoomed. The cameras offer excellent clarity day and night.

Your browser does not support the video tag.

Video: Demonstration of the 4K resolution video quality from a Reolink camera.

MAINTENANCE

To ensure optimal performance and longevity of your security system, consider the following maintenance tips:

- Regularly clean camera lenses with a soft, damp cloth to prevent dust and dirt buildup.
- Ensure all cable connections are secure and protected from environmental elements.
- Check the NVR's ventilation to prevent overheating.
- Periodically review recorded footage to ensure the system is functioning as expected.

TROUBLESHOOTING

Common Issues and Solutions

- **Q: Does this PoE system work with other camera brands or models?**
A: The system is designed to work exclusively with Reolink PoE cameras to ensure full functionality and stable performance. Other brands or non-Reolink models are not supported.
- **Q: Do I need Internet to use the system?**
A: Internet is only needed for remote access. Local recording will work even without Internet.
- **Q: What should I do if a camera or the NVR is not working properly?**
A: Check the cable, switch ports, and confirm power. If the issue remains, contact Reolink Support with your order info for quick troubleshooting or replacement.

Causes of Powering On Issues and Solutions of the PoE Camera

- **Cause 1: The PoE module of the camera fails to get power.**
Solution: Please use the DC adaptor to power the camera on.
- **Cause 2: The camera is not properly connected to the NVR.**
Solution: Please check the PoE lights of the NVR. If the lights are not on, please plug the camera into other ports that work and use another working Ethernet cable.
- **Cause 3: Insufficient power supply from PoE NVR.**
Solution: Please make sure that the cameras added to the NVR are no more than the specified quantity. Then unplug all other cameras and leave one camera connected to the NVR for a test.

SPECIFICATIONS

Brand	REOLINK
Model Number	RLK16-800B8
Connectivity Technology	Wired
Video Capture Resolution	4K 8MP (2560 × 1920)
Special Feature	Adjustable, App Control, Easy to install, Human Detection, Weatherproof
Number of Channels	16
Memory Storage Capacity	4 TB
Color	White
Power Source	DC
Operating System	iOS, Android, Windows, Mac OS



Compatible Devices	Cameras, Laptops, Personal Computers, Smartphones, Tablets
Low light technology	Night Vision
Night Vision Range	100 Feet
Frame Rate	Mainstream: 2fps - 20fps, Substream: 4fps - 15fps
Recording Mode	Motion Recording; schedule recording; 24/7 recording
Total USB Ports	2
Hardware Interface	Ethernet, HDMI, USB, VGA, eSATA
Lens Type	Fixed
Video Input	RJ45
Viewing Angle	87 Degrees
Manufacturer	Reolink Digital
UPC	633696952843
Item Weight	0.01 ounces
Date First Available	December 9, 2019








WARRANTY AND SUPPORT

All Reolink products are covered by a 2-year warranty. If you encounter any issues, please contact customer support.

- **2-Year Limited Warranty:** Covers defects in materials and workmanship under normal use.
- **24/7 Online Support:** Dedicated support is available to assist you with any questions or problems.

Related Documents - RLK16-800B8

	<p>Reolink RP-PN16 16-Channel PoE NVR: Professional Series Datasheet</p> <p>Detailed specifications and features of the Reolink RP-PN16, a 16-channel PoE NVR designed for 24/7 continuous recording with up to 16MP resolution, 4TB pre-installed HDD, and advanced AI capabilities.</p>
	<p>Reolink PoE NVR Operational Instructions</p> <p>This document provides operational instructions for the Reolink PoE NVR, covering setup, connection, troubleshooting, and specifications. It includes details on what's in the box, NVR introduction, connection diagrams, system setup, troubleshooting common issues, and technical specifications.</p>

<div></div> <div></div> <div><p>User Manual 4CH/8CH/16CH Super HD 4.0MP Network Video Recorder 4.0MP Network Camera (For NVR)</p></div>	<p>Reolink 4CH/8CH/16CH NVR & 4MP Camera User Manual</p> <p>Comprehensive user manual for Reolink's 4CH, 8CH, and 16CH Super HD 4.0MP Network Video Recorders and 4.0MP Network Cameras. Learn about setup, features, and operation for advanced surveillance.</p>										
<div></div> <div></div> <div><p>User Manual 4CH/8CH/16CH Super HD 4.0MP Network Video Recorder 4.0MP Network Camera (For NVR)</p></div>	<p>Reolink 4CH/8CH/16CH Super HD 4.0MP Network Video Recorder User Manual</p> <p>User manual for Reolink 4CH/8CH/16CH Super HD 4.0MP Network Video Recorder and 4.0MP Network Camera systems, detailing setup, features, operation, and support resources.</p>										
<div></div> <div></div> <div><p>Quick Start Guide PoE NVR System</p></div>	<p>Reolink PoE NVR System Quick Start Guide - Setup, Specs & Troubleshooting</p> <p>Quick start guide for Reolink PoE NVR Systems and PoE NVRs, including setup instructions, connection diagrams, troubleshooting tips, specifications, and compliance information for models like RLN8-410.</p>										
<div><p>TrackMix WiFi</p></div> <div><p>1. Specs</p><table><tr><td>Model</td><td>Resolution</td><td>Frame Rate</td><td>Field of View</td><td>Audio</td></tr><tr><td>RLN8-410</td><td>4K (3840x2160)</td><td>30FPS</td><td>110°</td><td>Two-Way</td></tr></table></div>	Model	Resolution	Frame Rate	Field of View	Audio	RLN8-410	4K (3840x2160)	30FPS	110°	Two-Way	<p>Reolink TrackMix WiFi: 4K 8MP Security Camera Setup and Installation Guide</p> <p>Discover the Reolink TrackMix WiFi, a 4K 8MP Ultra HD security camera offering detailed visuals, smart detection for people, vehicles, and pets, and two-way audio. This guide covers setup and installation.</p>
Model	Resolution	Frame Rate	Field of View	Audio							
RLN8-410	4K (3840x2160)	30FPS	110°	Two-Way							