

REOLINK RLK8-1200B4-A

REOLINK RLK8-1200B4-A 12MP UHD PoE Security Camera System User Manual

Model: RLK8-1200B4-A | Brand: REOLINK

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your REOLINK RLK8-1200B4-A 12MP UHD PoE Security Camera System. This system includes an 8-channel Network Video Recorder (NVR) with a pre-installed 2TB Hard Disk Drive (HDD) and four 12-megapixel Ultra High Definition (UHD) PoE surveillance cameras. Key features include advanced person, vehicle, and pet detection, integrated spotlights for color night vision, and two-way audio communication. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

2. WHAT'S IN THE BOX

- RLN8-410 NVR (1 unit)
- B1200 Cameras (4 units)
- NVR Power Adapter (1 unit)
- HDMI Cable (1 unit)
- USB Mouse (1 unit)
- 1m Network Cable (1 unit)
- 18m Network Cables (4 units)

3. SETUP INSTRUCTIONS

Follow these steps to set up your REOLINK RLK8-1200B4-A security camera system.

1. **Connect the NVR:** Connect the NVR to a monitor using the provided HDMI or VGA cable. Connect the USB

mouse to the NVR's USB port.

2. **Power On the NVR:** Connect the NVR power adapter and turn on the NVR using the on/off switch.
3. **Connect Cameras:** Connect each B1200 PoE camera to any of the available PoE ports on the NVR using the provided 18m network cables. The cameras will receive power and data through these cables.
4. **Network Connection:** Connect the NVR's LAN port to your router using the 1m network cable for remote access and app functionality.
5. **Initial Configuration:** Follow the on-screen prompts on your monitor to complete the initial setup, including setting a password and configuring basic network settings.

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Official setup video for the REOLINK RLK8-1200B4-A system, demonstrating unboxing and initial connections.



Image showing the NVR's rear panel with various ports and a connected camera, illustrating the physical connections for setup.

4. OPERATING INSTRUCTIONS

4.1. 12MP UHD Image Quality

The cameras capture video at an incredible 12-megapixel Ultra High Definition (UHD) resolution, providing sharp and detailed images. This high resolution ensures that subtle details are recorded for enhanced security monitoring.

Reolink

We are excited to unveil a comprehensive brand refresh that introduces our new positioning and core values, shaping a more progressive Reolink that resonates deeply with our commitment to you and our dedication to protecting what matters most.

*Before the brand upgrade is completed, you may receive products with the old logo. Please refer to the images shown on the product page.

Visual comparison demonstrating the superior detail captured by 12MP UHD resolution cameras.

4.2. Full Color Night Vision with Spotlight

The integrated spotlight on each 12MP outdoor surveillance camera enables full-color night vision. You can schedule the spotlight to operate during specific time periods or switch to IR LED mode for discreet infrared night vision. The spotlight can also be motion-activated to deter intruders, working in conjunction with the siren.

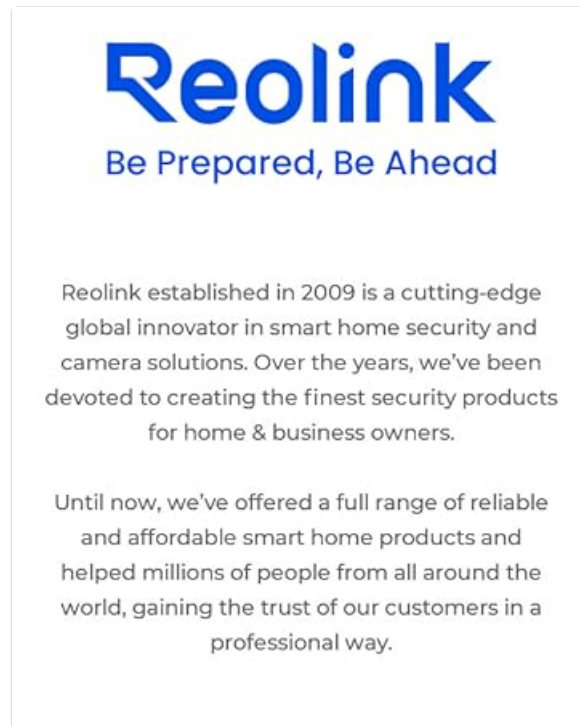


Image illustrating the two night vision modes: full color with spotlight and infrared (IR) night vision.

4.3. Smart Human/Vehicle/Pet Detection

The cameras feature intelligent detection capabilities that identify people, vehicles, and pets based on their shapes. This minimizes false alarms from irrelevant movements, providing more accurate and useful alerts. Alerts can be configured for siren activation, app push notifications, or email alerts.



Image demonstrating the AI event detection feature, highlighting identified people, vehicles, and pets within the camera's view.

4.4. Two-Way Talk

Each 12MP camera includes a built-in speaker for two-way communication. This allows you to speak with individuals near the camera, such as delivery personnel, or deter unwanted visitors. Communication is managed through the Reolink App or Client software.

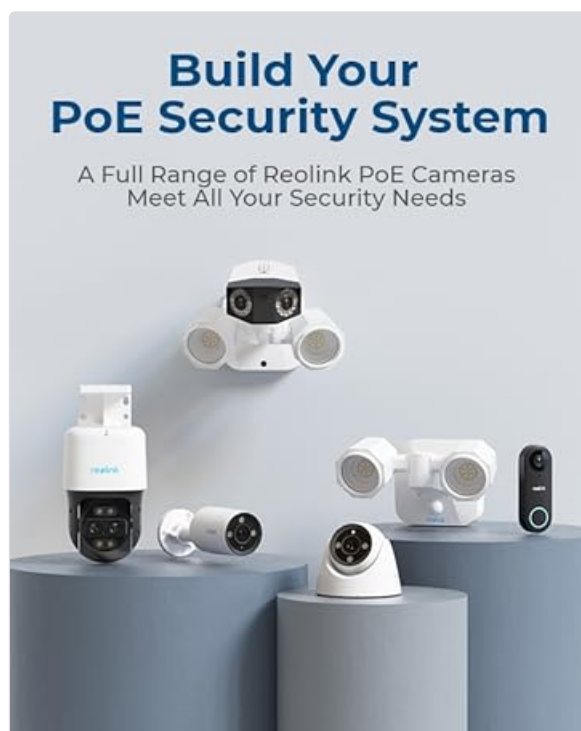


Image showing a user interacting with the camera's two-way talk feature via the Reolink mobile application.

4.5. 24/7 Continuous Recording & Storage

The NVR is equipped with a 2TB HDD for continuous 24/7 recording without monthly fees. The storage capacity is expandable up to 16TB. The system utilizes efficient H.265 video compression, which saves approximately 50% more storage space compared to H.264 while maintaining high video quality.



Image illustrating the 24/7 continuous recording capability and the NVR's storage features, including the 2TB HDD and expandability.

5. MAINTENANCE

- **Clean Lenses:** Regularly clean camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive materials.
- **Check Connections:** Periodically inspect all cable connections (Ethernet, power) to ensure they are secure and free from damage, especially for outdoor installations.
- **Firmware Updates:** Keep your NVR and camera firmware updated to benefit from the latest features, security enhancements, and bug fixes. Check the Reolink website or app for available updates.
- **Environmental Protection:** Ensure outdoor cameras are installed in locations that minimize direct exposure to extreme weather conditions, even though they are waterproof.

6. TROUBLESHOOTING

- **No Image/Video:**
 - Ensure all power and Ethernet cables are securely connected.
 - Verify the NVR is powered on and the monitor is correctly connected.
 - Check if the camera is properly added to the NVR's channel list.
- **No Remote Access:**
 - Confirm the NVR is connected to your router via the LAN port.
 - Ensure your router has an active internet connection.
 - Check network settings on the NVR and Reolink App.
- **False Motion Alerts:**
 - Adjust the motion detection sensitivity settings in the NVR or app.
 - Configure detection zones to exclude areas with frequent irrelevant motion (e.g., moving trees).
 - Ensure smart detection (person/vehicle/pet) is enabled if desired.
- **NVR/Camera Not Working Properly:**
 - Check all cables and switch ports.
 - Confirm power supply to both NVR and cameras.
 - If issues persist, contact Reolink Support with your order information for assistance.

7. SPECIFICATIONS

Feature	Specification
Brand	REOLINK
Model Number	RLK8-1200B4-A
Connectivity Technology	Wired (PoE)
Video Capture Resolution	12MP (4512x2512)

Special Features	Adjustable, Easy to Install, Human Vehicle Detection, Motion Sensor, Waterproof
Number of Channels	8 (NVR)
Memory Storage Capacity	2 TB (pre-installed HDD), expandable to 16 TB
Color	White
Power Source	Corded Electric
Item Dimensions L x W x H	14.76 x 9.45 x 11.81 inches
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	20 FPS
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	93 Degrees

8. WARRANTY AND SUPPORT

- **30-Day Money Back Guarantee and Free Return:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **2-Year Limited Warranty:** The product is covered by a 2-year limited warranty against defects in materials and workmanship.
- **24/7 Online Support 1-on-1:** For any technical assistance or inquiries, dedicated 24/7 online support is available. Please visit the official REOLINK support page for contact options.