

REOLINK RLC-840WA

REOLINK 4K Wi-Fi 6 Security Camera RLC-840WA Instruction Manual

Model: RLC-840WA | Brand: REOLINK

1. INTRODUCTION

Thank you for choosing the REOLINK 4K Wi-Fi 6 Security Camera RLC-840WA. This camera is designed to provide advanced surveillance for your outdoor property, featuring 4K Ultra HD resolution, next-gen Wi-Fi 6 connectivity, and robust weather and vandal-proof construction. This manual will guide you through the setup, operation, and maintenance of your new security camera.

2. WHAT'S IN THE BOX

Upon unpacking your REOLINK RLC-840WA camera, please ensure all the following items are present:

- Camera (RLC-840WA) x1
- Power Adapter x1
- 4.5m Power Extension Cable x1
- 1m Network Cable x1
- Quick Start Guide x1

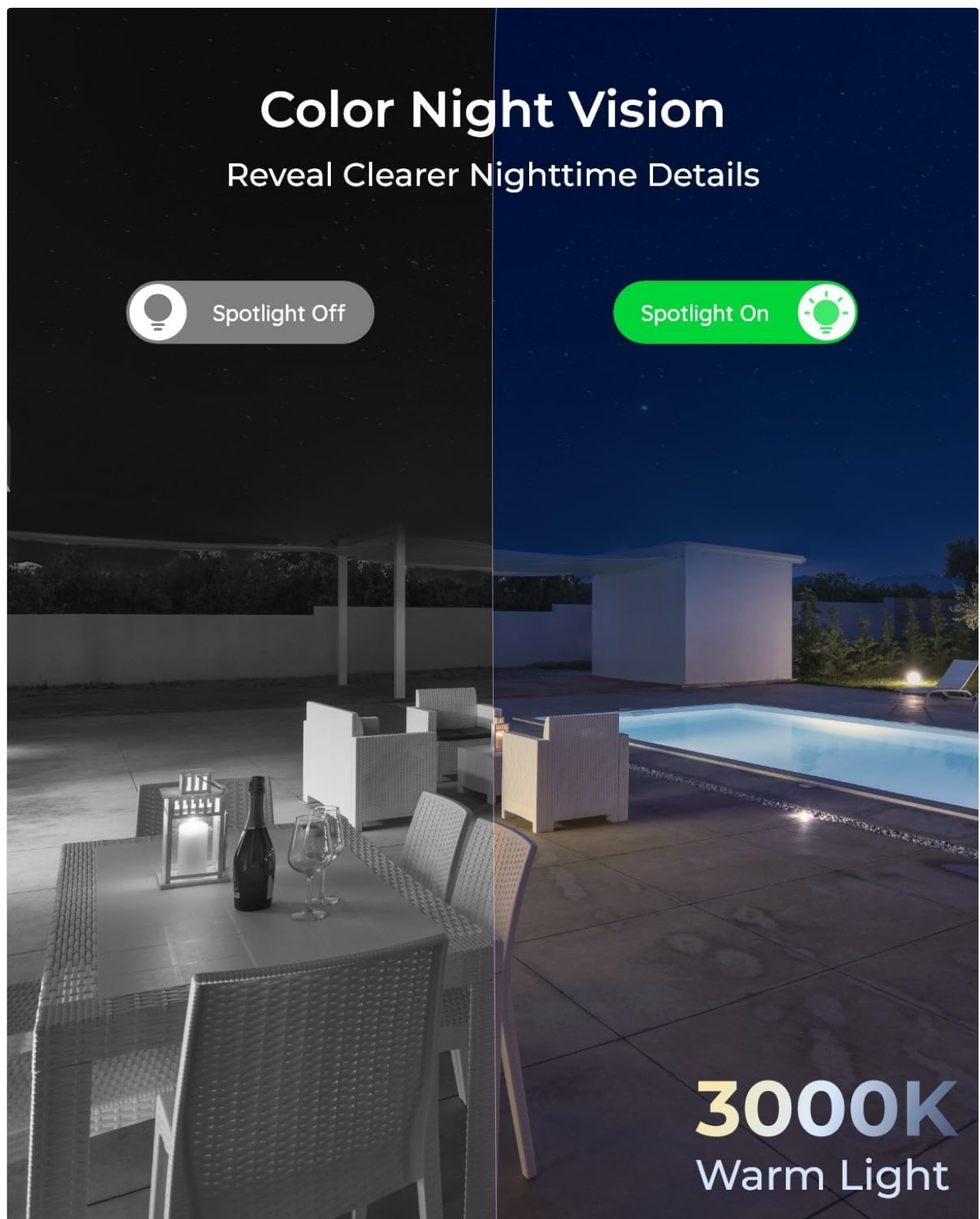


Image: REOLINK RLC-840WA camera and its included accessories, including power adapter, cables, and quick start guide.

3. PRODUCT OVERVIEW

The REOLINK RLC-840WA is a dome-shaped outdoor security camera built with durable metal material. It features a 4K 8MP HD resolution lens, 125-degree viewing angle, and advanced night vision capabilities.

Versatile for Various Environments

Install this camera to offices, schools, shops, warehouses, parking lots and more. Offer flexible surveillance wherever needed.



Image: Diagram illustrating the various components of the REOLINK RLC-840WA camera, including the built-in microphone, 3000K warm spotlight, lens, IR LEDs, daylight sensor, built-in speaker, network cable, and power interface.

Key hardware features include:

- **Lens:** 4K 8MP HD resolution for clear imaging.
- **IR LEDs:** Two infrared LEDs for clear night vision up to 100 feet.
- **3000K Warm Spotlight:** Provides color night vision and can deter intruders.
- **Built-in Microphone & Speaker:** Enables two-way audio communication.
- **Daylight Sensor:** Automatically adjusts between day and night modes.
- **MicroSD Card Slot:** Supports up to 512GB for local storage.
- **Antennas:** Dual-band Wi-Fi 6 (2.4/5GHz) for stable and fast connectivity.
- **Mounting Bracket:** Designed for wall/ceiling mount with 57° manual adjustment.

4. SETUP

Follow these steps for initial setup of your REOLINK RLC-840WA camera:

1. **Power On:** Connect the camera to the DC 12V/1A power adapter.
2. **Initial Network Connection:** Connect the camera to your router's LAN port using the provided Ethernet cable.
3. **Network Alignment:** Ensure both your camera and the device running the Reolink App (e.g., smartphone) are connected to the same router.
4. **App Setup:** Download and open the Reolink App. Follow the on-screen instructions within the app to add and configure your camera.
5. **Disconnect Ethernet:** After successful Wi-Fi setup, you may disconnect the Ethernet cable.
6. **Mounting:** Securely mount the camera using the provided wall/ceiling mount. Adjust the camera's angle using the swivel bracket inside the camera body to achieve the desired 125° viewing angle.

5. OPERATING INSTRUCTIONS

5.1 Video Monitoring

The RLC-840WA provides crystal-clear 4K Ultra HD video with a wide 125° viewing angle, allowing you to monitor large areas effectively. Access the live view through the Reolink App or Reolink Client software.



Image: A wide outdoor scene captured by the REOLINK RLC-840WA camera, demonstrating its 125-degree viewing angle and 4K UHD clarity.


5.2 Night Vision Modes

The camera offers two night vision options:

- **Color Night Vision:** Enabled by 3000K warm spotlights, this mode captures vivid, full-color images even in low-light conditions. Spotlight brightness can be adjusted via the app.
- **Infrared Night Vision:** When spotlights are off, infrared LEDs provide clear black-and-white images up to 100 feet for discreet monitoring.

Crystal-Clear 4K UHD View

In 4K UHD, you can see more details of your surroundings with a wide 125° viewing angle.



125° Diagonal

Image: A split view demonstrating the effectiveness of Color Night Vision with the spotlight on, showing a clear, illuminated nighttime scene.

Crisp Color Night Vision

Enhanced by 3000K warm lights, this camera captures vivid nighttime images, ensuring no threat goes unnoticed.




Image: A split view demonstrating Infrared Night Vision with the spotlight off, showing a clear black-and-white nighttime scene.

5.3 Smart Detection

The camera utilizes advanced smart detection technology to accurately identify persons, vehicles, and animals, significantly reducing false alarms from irrelevant movements. You will receive timely push notifications or emails upon detection.

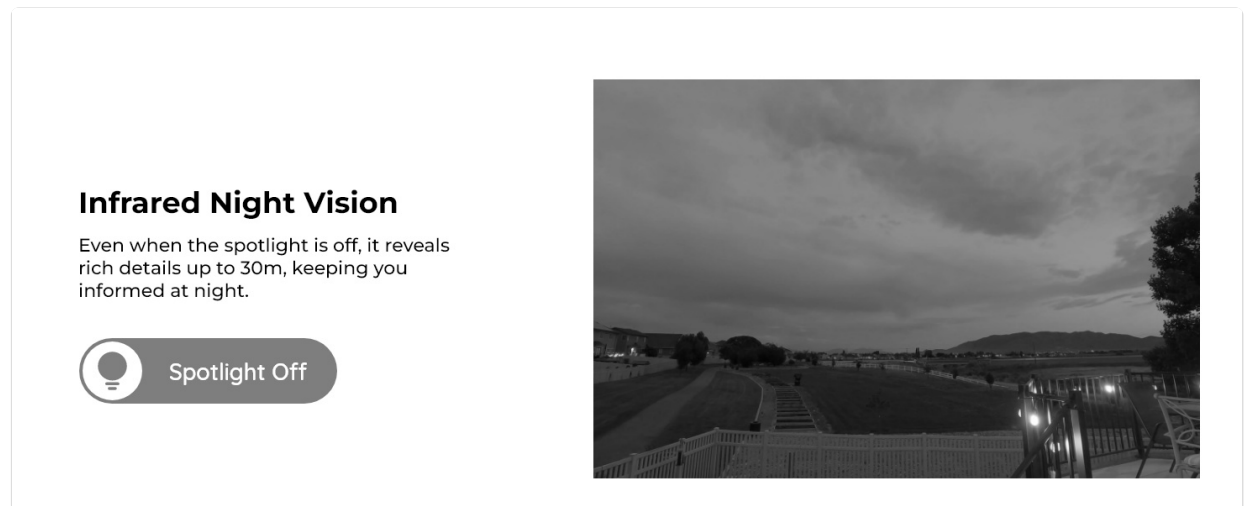


Image: An illustration showing the camera's smart detection capabilities, highlighting a person, a vehicle, and an animal with detection boxes and an alert notification.

5.4 Two-Way Audio

With the built-in microphone and speaker, you can engage in two-way conversations with visitors or deter unwanted guests directly through the Reolink App.



Image: A person holding a smartphone displaying the Reolink App interface, engaged in a two-way conversation with someone visible on the camera feed.

5.5 Recording & Storage

The RLC-840WA supports multiple recording and storage options:

- **MicroSD Card:** Insert a MicroSD card (up to 512GB, not included) for secure local 24/7 continuous or motion-triggered recording.
- **Reolink NVR:** Compatible with Reolink Wi-Fi NVR and PoE NVR systems for centralized recording.
- **FTP Server:** Configure the camera to upload recordings to an FTP server.

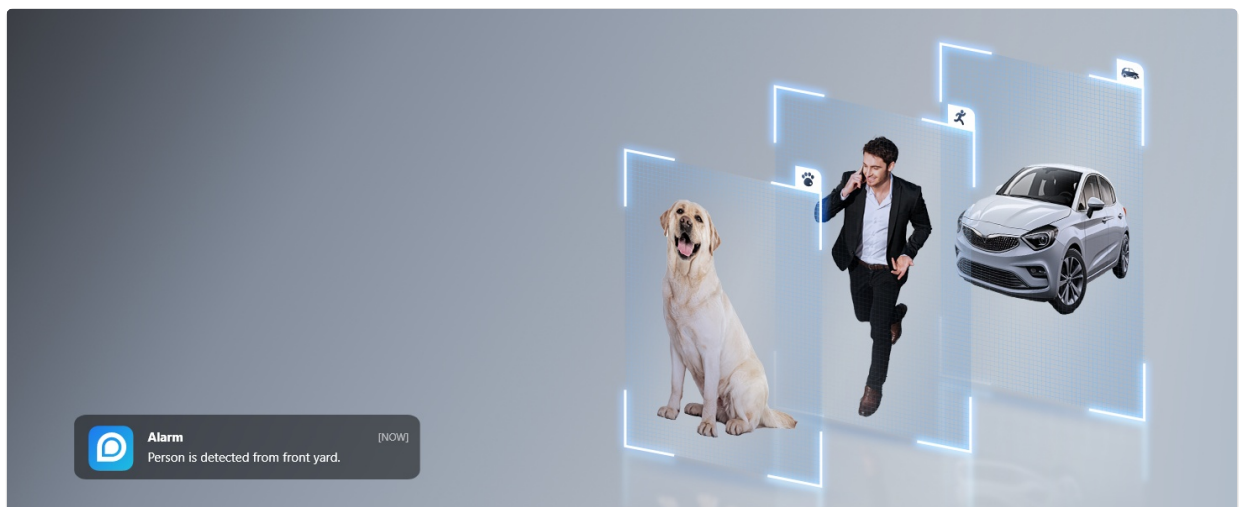


Image: The REOLINK RLC-840WA camera highlighting its MicroSD card slot for local storage and its compatibility with a Reolink NVR system.

5.6 App Features

The Reolink App provides comprehensive control and monitoring features:

- **Live View:** Access real-time video feed from your camera.
- **Playback:** Review recorded footage stored on your MicroSD card or NVR.
- **Notifications:** Customize push notifications and email alerts for smart detection events.
- **Settings:** Adjust various camera settings, including night vision modes, detection sensitivity, and recording schedules.

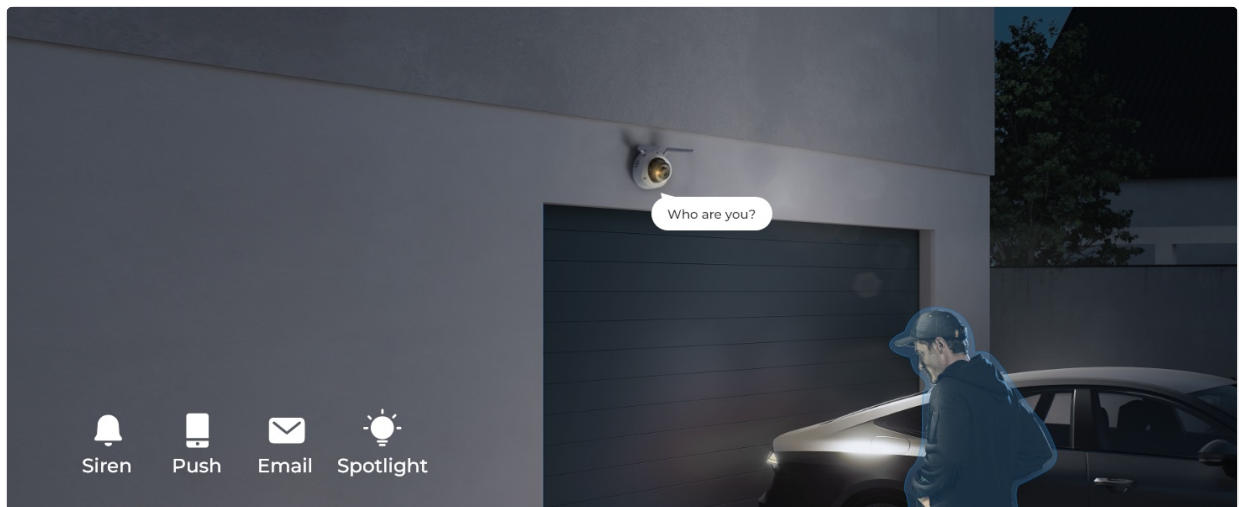


Image: A display showing the Reolink App interface on a smartphone and a desktop monitor, illustrating live view of multiple cameras and playback timeline.

6. MAINTENANCE

The REOLINK RLC-840WA is designed for durability and minimal maintenance:

- **Weatherproof:** With an IP67 rating, the camera is waterproof and built to withstand various weather conditions.
- **Vandal-Proof:** The IK10 vandal-proof rating, metal base, and glass shield enhance its durability against physical impact.
- **Cleaning:** Periodically clean the camera lens with a soft, dry cloth to ensure optimal image clarity.

7. TROUBLESHOOTING

Here are some common questions and solutions:

- **Q: Can this camera be panned or tilted?**
A: No, this camera does not support pan or tilt functions. However, you can adjust its angle using the swivel bracket inside the camera body before installation.
- **Q: How do I set up Wi-Fi Cameras via the Reolink App?**
A: (1) Power on the camera using the DC adapter and connect it to your router's LAN port using an Ethernet cable. (2) Ensure both your camera and phone are connected to the same router. (3) Follow the setup steps for your camera. (4) After setup, disconnect the Ethernet cable.
- **Q: Can I connect this camera to a Reolink NVR?**
A: Yes, this Wi-Fi camera is compatible with both Reolink Wi-Fi NVR and PoE NVR systems.

8. SPECIFICATIONS

Model Name	RLC-840WA
Video Capture Resolution	8 MP (4K Ultra HD)
Viewing Angle	125 Degrees

Wireless Communication Technology	Wi-Fi 6 + 2.4/5GHz Wi-Fi
Night Vision Range	100 Feet
Low Light Technology	Night Color (3000K warm lights)
International Protection Rating	IP67 (Waterproof)
Vandal Resistance	IK10
Material	Metal
Power Source	Corded Electric (DC 12V/1A)
Flash Memory Supported Size Maximum	512 GB
Alert Type	Person/Vehicle/Animal/Motion Detection

9. WARRANTY AND SUPPORT

REOLINK products undergo strict quality testing and come with a **2-year limited warranty** on all new REOLINK branded products. If you encounter any quality issues or require technical assistance, please do not hesitate to contact REOLINK support for prompt resolution.