REOLINK RLC-811WA

REOLINK RLC-811WA 4K 8MP Outdoor Security Camera User Manual

Model: RLC-811WA | Brand: REOLINK

1. Introduction

This user manual provides detailed instructions for the installation, operation, and maintenance of your REOLINK RLC-811WA 4K 8MP Outdoor Security Camera. This advanced camera features 5X optical zoom, Wi-Fi 6 technology, color night vision, and intelligent human, vehicle, and animal detection, ensuring comprehensive surveillance for your property.

2. What's in the Box

- Camera (1 unit)
- Power Adapter (1 unit)
- 4.5m Power Extension Cable (1 unit)
- 1m Network Cable (1 unit)
- Quick Start Guide (1 unit)



Figure 2.1: Contents of the REOLINK RLC-811WA package.

3. Setup

3.1 Physical Installation

Choose a suitable location for your camera, ensuring it has a clear field of view and is within range of your Wi-Fi network. The camera supports wall or ceiling mounting. Use the provided mounting template and screws for secure installation.



Figure 3.1: Example of camera mounting and its robust, weatherproof design.

3.2 Network Connection

Connect the camera to power using the provided power adapter and extension cable. The RLC-811WA supports both 2.4 GHz and 5 GHz Wi-Fi frequencies, utilizing Wi-Fi 6 technology for improved range, stability, and speed. For initial setup, it is recommended to connect the camera to your network via the Reolink App or Reolink NVR.



Figure 3.2: Wi-Fi 6 technology provides enhanced connectivity for your camera.

3.3 Initial Configuration

Download the Reolink App from your mobile app store or install the Reolink Client software on your computer. Follow the on-screen instructions to add your camera by scanning the QR code on the device or manually entering its details. Ensure your mobile device or computer is connected to the same Wi-Fi network as the camera during the initial setup process.

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Video 3.1: An overview of the REOLINK RLC-811WA camera's features and capabilities, useful for understanding initial setup and functionality.

4. Operating the Camera

4.1 Live View and Playback

Access the live view of your camera through the Reolink App or Client software. You can also review recorded footage from the microSD card, Reolink NVR, or FTP server. The camera captures stunning 4K UHD (8MP) video, providing clear and detailed images. Its 5X optical zoom allows you to magnify distant objects without compromising image quality, while the color night vision feature ensures vivid visuals even in low-light conditions up to 30 meters.

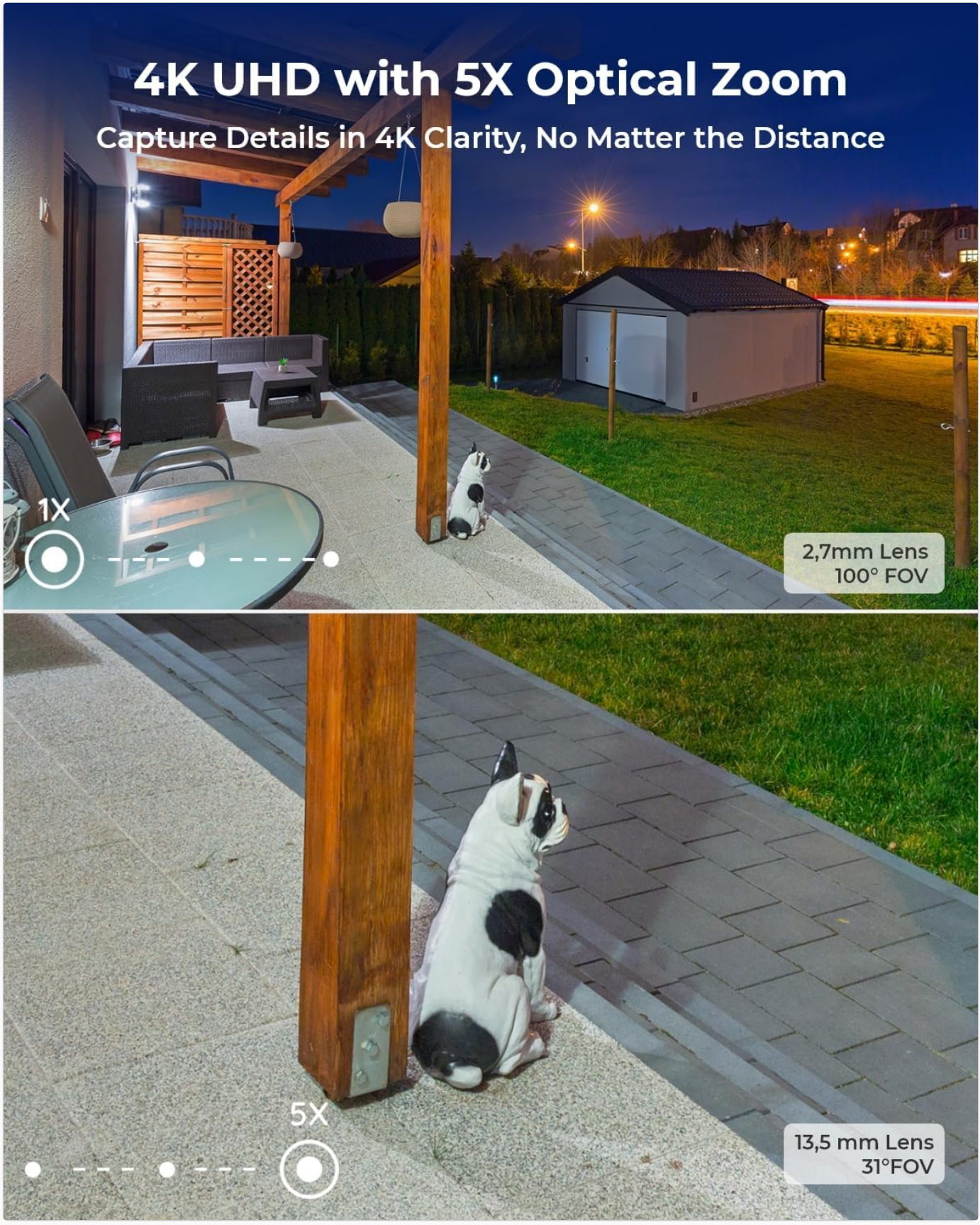


Figure 4.1: Demonstrates the clarity and detail provided by 4K UHD resolution and 5X optical zoom.

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Video 4.1: Footage captured by the Reolink 4K security camera, showcasing its video quality and capabilities.

4.2 Smart Detection and Alerts

The camera is equipped with intelligent detection capabilities for persons, vehicles, and animals, significantly reducing false alarms. Upon detecting motion, you will receive instant alerts via the Reolink App, email, or push notifications,

keeping you informed of any activity.

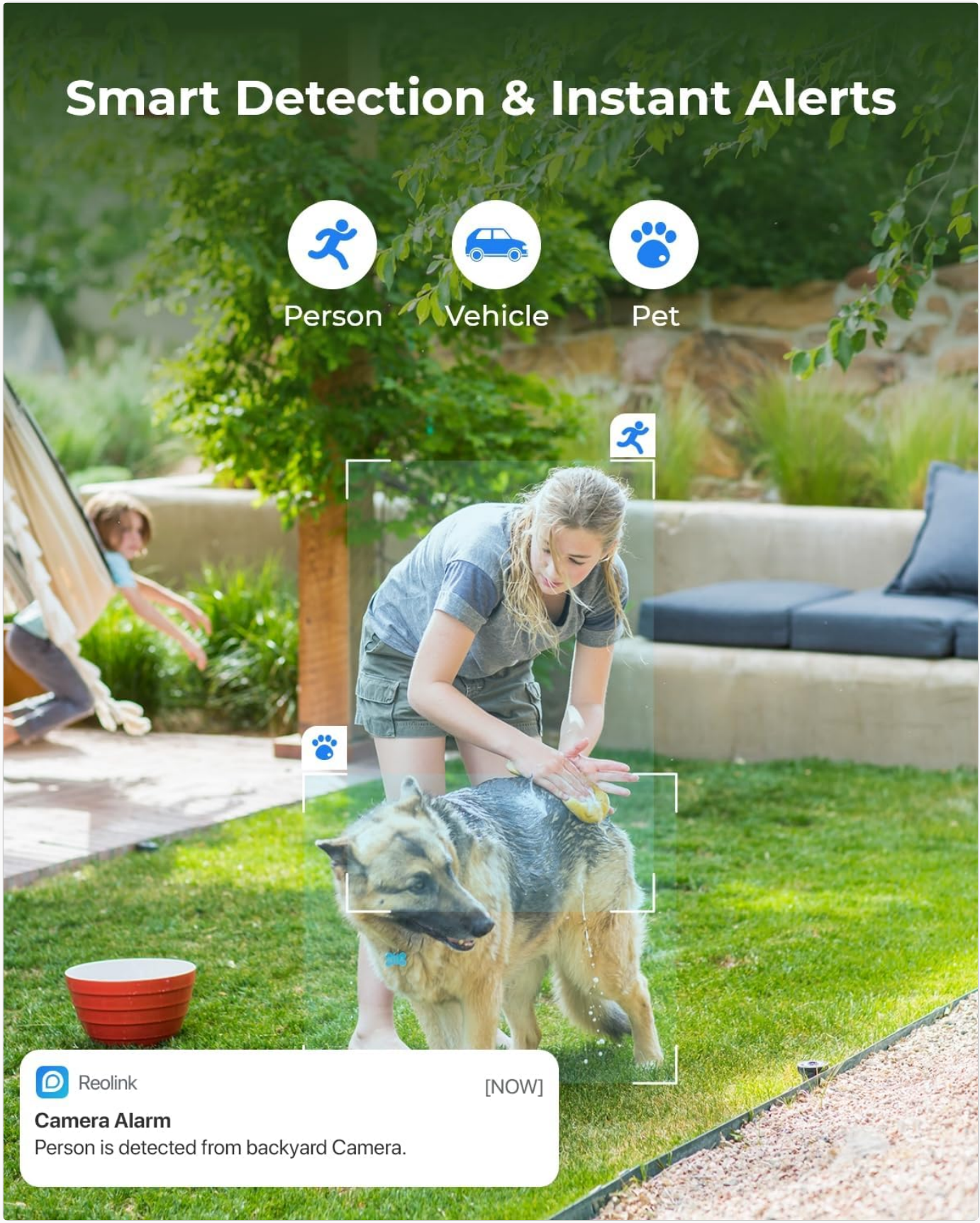


Figure 4.2: Smart detection features provide accurate alerts for different types of movement.

4.3 Spotlights and Siren

The RLC-811WA features motion-triggered spotlights and a customizable siren. These can be configured to activate automatically upon detection, serving as an effective deterrent against potential intruders. You can also schedule spotlights to turn on during specific periods for additional illumination.

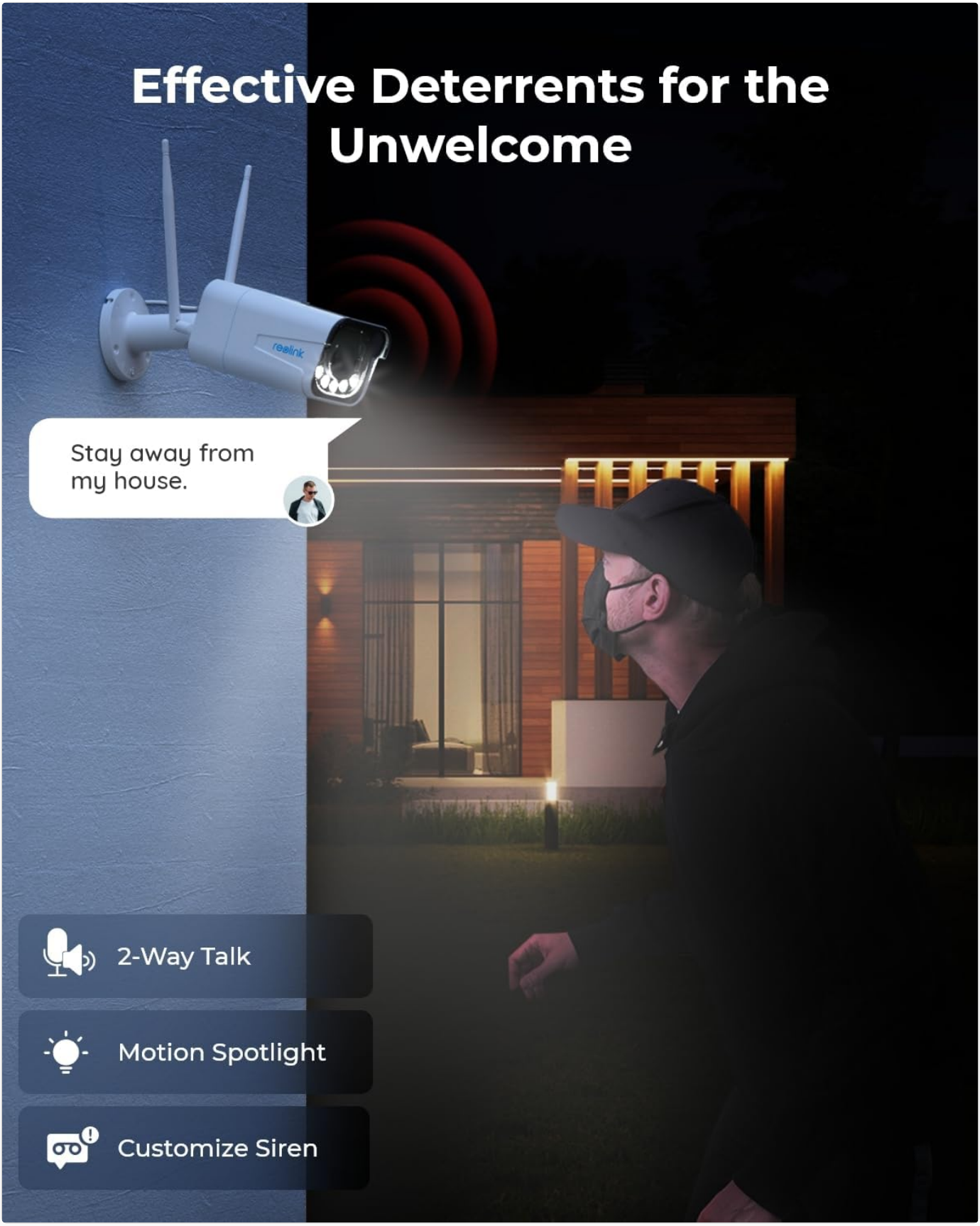


Figure 4.3: The camera's active deterrence features, including spotlights and siren.

4.4 Storage Options

Your recordings can be stored locally on a microSD card (up to 512GB, not included), a Reolink NVR (Network Video Recorder), or an FTP server. These options provide flexible and secure storage without additional subscription fees, ensuring 24/7 recording and peace of mind.



Figure 4.4: Multiple storage solutions available for your security camera footage.

5. Maintenance

To ensure optimal performance and longevity of your REOLINK RLC-811WA camera, regular maintenance is recommended.

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the surface.
- **Firmware Updates:** Check for and install the latest firmware updates through the Reolink App or Client software. Firmware updates often include performance improvements, new features, and security enhancements.
- **Cable Inspection:** Regularly inspect all cables (power and network) for any signs of wear, damage, or loose connections. Ensure all connections are secure and protected from environmental elements.
- **Weather Protection:** The camera has an IP67 weatherproof rating, indicating it is protected against dust and temporary immersion in water. While designed for outdoor use, ensure proper installation to prevent water accumulation around connections.

6. Troubleshooting

If you encounter issues with your REOLINK RLC-811WA camera, refer to the following common troubleshooting steps:

6.1 No Live View or Offline Status

- **Check Power:** Ensure the camera is properly connected to a power source and the power adapter is functioning.
- **Network Connectivity:** Verify your Wi-Fi network is active and the camera is within range. Try restarting your router.
- **Reboot Camera:** Disconnect the camera from power for a few seconds and then reconnect it. This can resolve temporary glitches.
- **App/Client Update:** Ensure your Reolink App or Client software is updated to the latest version.

6.2 Blurry Image

- **Clean Lens:** Gently clean the camera lens with a soft, lint-free cloth.
- **Focus Adjustment:** If the camera has manual focus, ensure it is properly adjusted. For optical zoom models, allow time for autofocus to adjust after zooming.

6.3 Excessive False Alarms

- **Adjust Sensitivity:** Reduce the motion detection sensitivity settings in the Reolink App.
- **Configure Detection Zone:** Set specific motion detection zones to exclude areas with frequent irrelevant movements (e.g., busy roads, swaying trees).
- **Utilize Smart Detection:** Ensure Person/Vehicle/Animal detection is enabled and configured correctly to filter out non-relevant movements.

For more detailed troubleshooting or specific issues, please refer to the official Reolink support website or contact their customer service.

7. Specifications

Feature	Detail
Model Number	RLC-811WA

Feature	Detail
Video Capture Resolution	8 MP (4K UHD)
Optical Zoom	5X
Wireless Communication Technology	Wi-Fi 6 + 2.4/5GHz Wi-Fi
Night Vision Range	100 Feet (Color Night Vision)
Alert Type	Person/Vehicle/Animal/Motion Detection
Storage Options	MicroSD card (up to 512GB), Reolink NVR, FTP
Water Resistance Level	IP67 Weatherproof
Material	Metal
Power Source	Corded Electric (12V DC)
Dimensions (L x W x H)	3.15 x 2.83 x 9.37 inches
Item Weight	3.19 pounds

8. Warranty and Support

REOLINK products typically come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official REOLINK website.
For technical support, product registration, or to download the latest software and user guides, please visit the official REOLINK Support Center:

Download User Guide (PDF)

Visit REOLINK Official Store

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

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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