

[Manuals.plus](#) /

> [Reolink](#) /

> Reolink 4K Smart PoE IP Camera RLC-811A User Manual

Reolink RLC-811A

Reolink 4K Smart PoE IP Camera RLC-811A User Manual

Model: RLC-811A | Brand: Reolink

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Reolink RLC-811A 4K Smart PoE IP Camera. This camera is designed for outdoor surveillance, offering advanced features such as 4K Ultra HD resolution, 5X optical zoom, intelligent person/vehicle detection, color night vision, and two-way audio for enhanced security.

2. WHAT'S IN THE BOX

Please check the package contents upon receipt to ensure all items are present:

- 1 x RLC-811A Camera
- 1 x Network Cable (1 Meter)
- 1 x Quick Start Guide
- 1 x Mounting Hole Template
- 1 x Video Surveillance Sticker
- 1 x Waterproof Lid
- 1 x Pack of Screws
- 1 x Wrench



Image: The Reolink RLC-811A camera and its standard accessories as listed in the package contents.

3. KEY FEATURES

- **4K Ultra HD Resolution:** Delivers crystal-clear 3840x2160 resolution, providing sharp and detailed images.
- **5X Optical Zoom:** Allows you to zoom in for detailed views or zoom out for a wider perspective without compromising image quality.
- **Intelligent Person/Vehicle Detection:** Minimizes false alarms by accurately identifying people and vehicles, distinguishing them from animals or shadows.
- **Color Night Vision with Spotlights:** Records full-color video even in low-light conditions using integrated spotlights, offering more visual details than traditional black-and-white night vision.
- **Two-Way Audio:** Features a built-in microphone and speaker, enabling real-time communication with visitors or deterring intruders.
- **PoE (Power over Ethernet):** Simplifies installation by transmitting both power and data through a single network cable.
- **Time-Lapse Function:** Capture long-term events like construction projects or sunrise/sunset in condensed videos.
- **Multiple Storage Options:** Supports recording to a microSD card (up to 256GB, not included), Reolink NVR, or FTP server.
- **IP66 Weatherproof:** Designed for outdoor use, capable of withstanding various weather conditions.

4. SETUP GUIDE

4.1. Installation

The RLC-811A camera utilizes Power over Ethernet (PoE) technology, simplifying the installation process. A single network cable is sufficient for both power supply and video transmission.

1. **Choose a Mounting Location:** Select an outdoor location that provides the desired viewing angle and is within reach of your network cable. The camera is designed for wall mounting.
2. **Prepare for Wiring:** Route a network cable (CAT5 or higher recommended) from your PoE switch or NVR to the camera's mounting location.
3. **Mount the Camera:** Use the provided mounting hole template to mark and drill holes. Secure the camera to the wall using the included screws. Ensure the camera is firmly attached.
4. **Connect Network Cable:** Connect one end of the network cable to the camera's RJ45 port and the other end to a PoE-enabled port on your NVR or PoE switch. Use the waterproof lid for the RJ45 connector to protect it from moisture.



Image: The Reolink RLC-811A camera installed on an exterior wall, demonstrating its outdoor placement and wired connection.



Image: A diagram illustrating the simple connection between the RLC-811A camera and a Reolink NVR using a single network cable for both power and data.

4.2. Initial Setup via Reolink App/Client

After physical installation, configure your camera using the Reolink App (for iOS/Android) or Reolink Client (for Windows/Mac OS).

1. **Download the App/Client:** Search for "Reolink" on the App Store (iOS), Google Play (Android), or download the client from the official Reolink website.
2. **Add Device:** Open the app/client, click the "+" icon to add a new device. Scan the QR code on the camera body or manually enter the UID.
3. **Create Password:** Follow the on-screen prompts to create a strong password for your camera.
4. **Configure Settings:** Access live view and adjust settings such as motion detection zones, alarm notifications, recording schedules, and image preferences.

Wirksame Warnung für die Unerwünschten

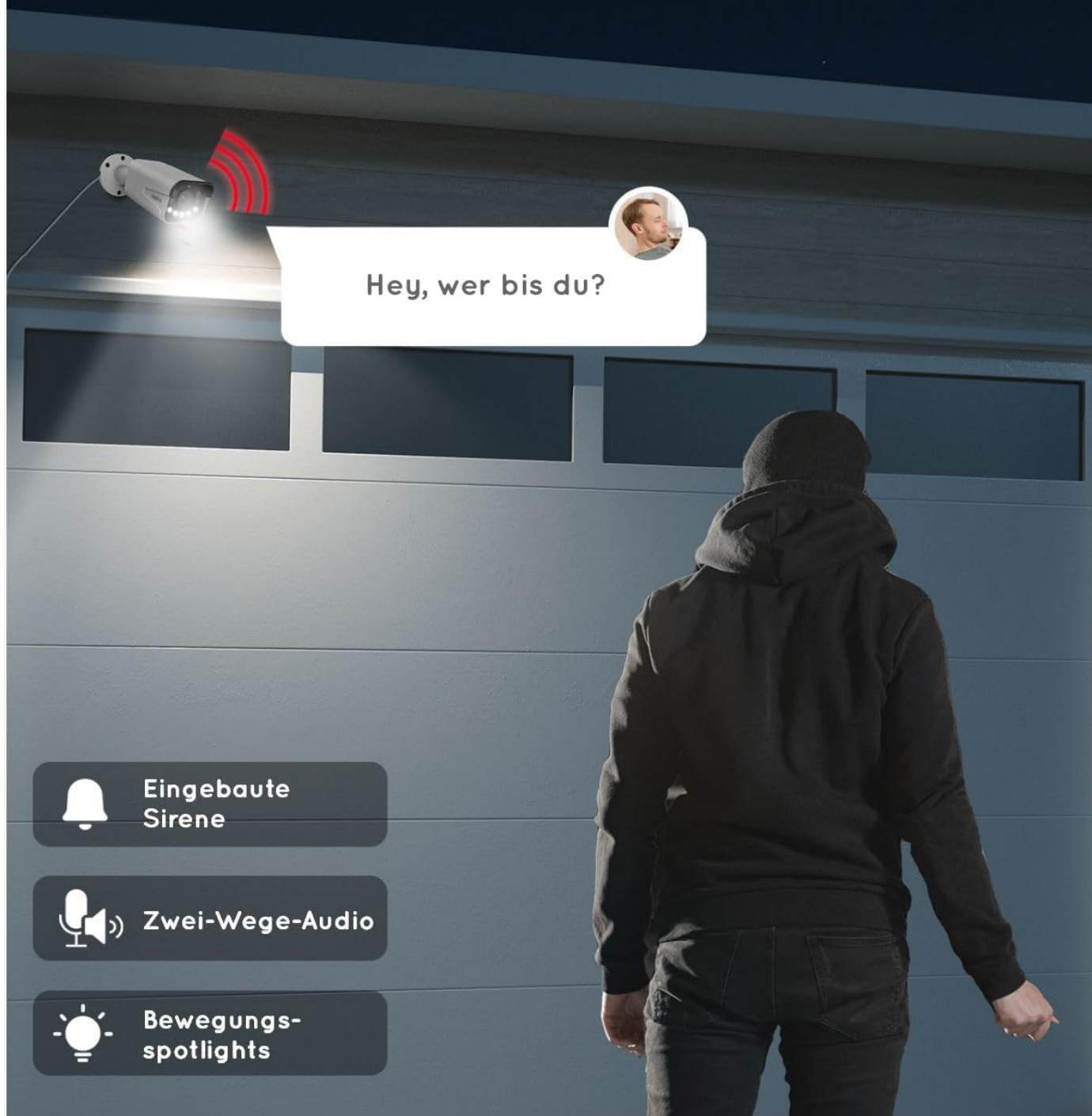


Image: A smartphone screen showing the Reolink app, demonstrating the user interface for live viewing and managing recording options.

5. OPERATING INSTRUCTIONS

5.1. Smart Detection (Person/Vehicle)

The RLC-811A features advanced intelligent detection capabilities to reduce false alarms. It can differentiate between people and vehicles.

- **Detection Types:** The camera identifies and categorizes detected objects as "Person" or "Vehicle."
- **Customizable Zones:** You can define specific motion detection zones within the camera's field of view to focus on critical areas and ignore irrelevant movements.
- **Instant Alerts:** Receive push notifications or email alerts directly to your device when a person or vehicle is detected.

Personen-/Fahrzeug-/Haustiererkennung Assistent für Ihr Smart Home

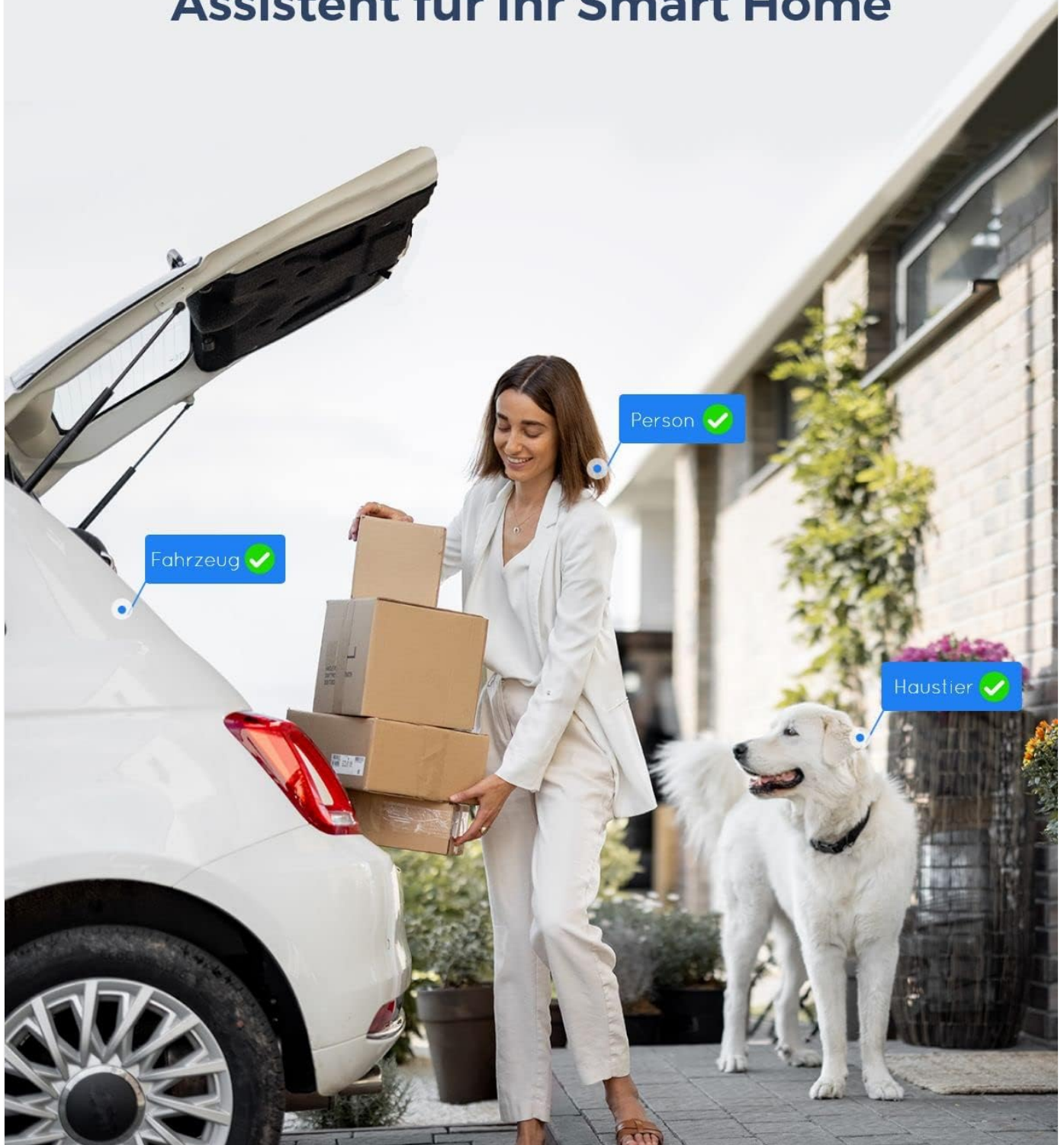


Image: The camera's intelligent detection feature highlighting a person and a vehicle, demonstrating its ability to accurately identify different objects.



Image: An illustration of how motion detection zones can be customized to focus surveillance on specific areas, reducing unnecessary alerts.

5.2. 5X Optical Zoom

The 5X optical zoom allows you to adjust the focal length to capture details from a distance or get a broader overview.

- **Zoom In/Out:** Use the zoom controls in the Reolink app or client to adjust the optical zoom.
- **Maintain Clarity:** Unlike digital zoom, optical zoom physically adjusts the lens, ensuring image clarity is maintained even at maximum zoom.

5X Optischer Zoom, Feinste Details erfassen

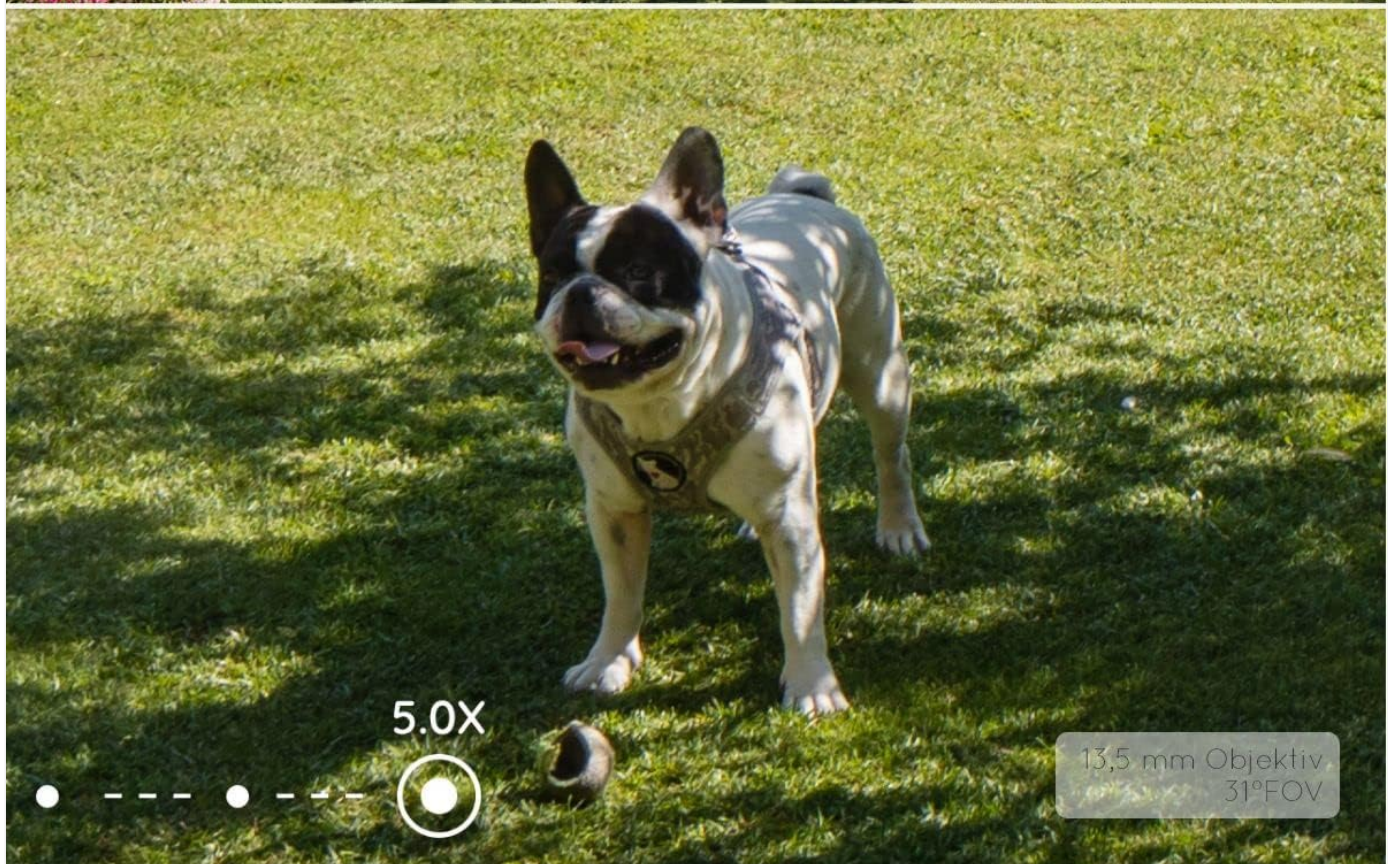


Image: A visual comparison demonstrating the effectiveness of the 5X optical zoom, showing how details become clearer when zoomed in.

5.3. Color Night Vision with Spotlights

The camera provides full-color night vision, enhancing visibility and detail in low-light conditions.

- **Integrated Spotlights:** Built-in spotlights illuminate the area, allowing the camera to record in color even at night.
- **Enhanced Detail:** Color night vision provides more information than traditional black-and-white infrared, aiding in identification.

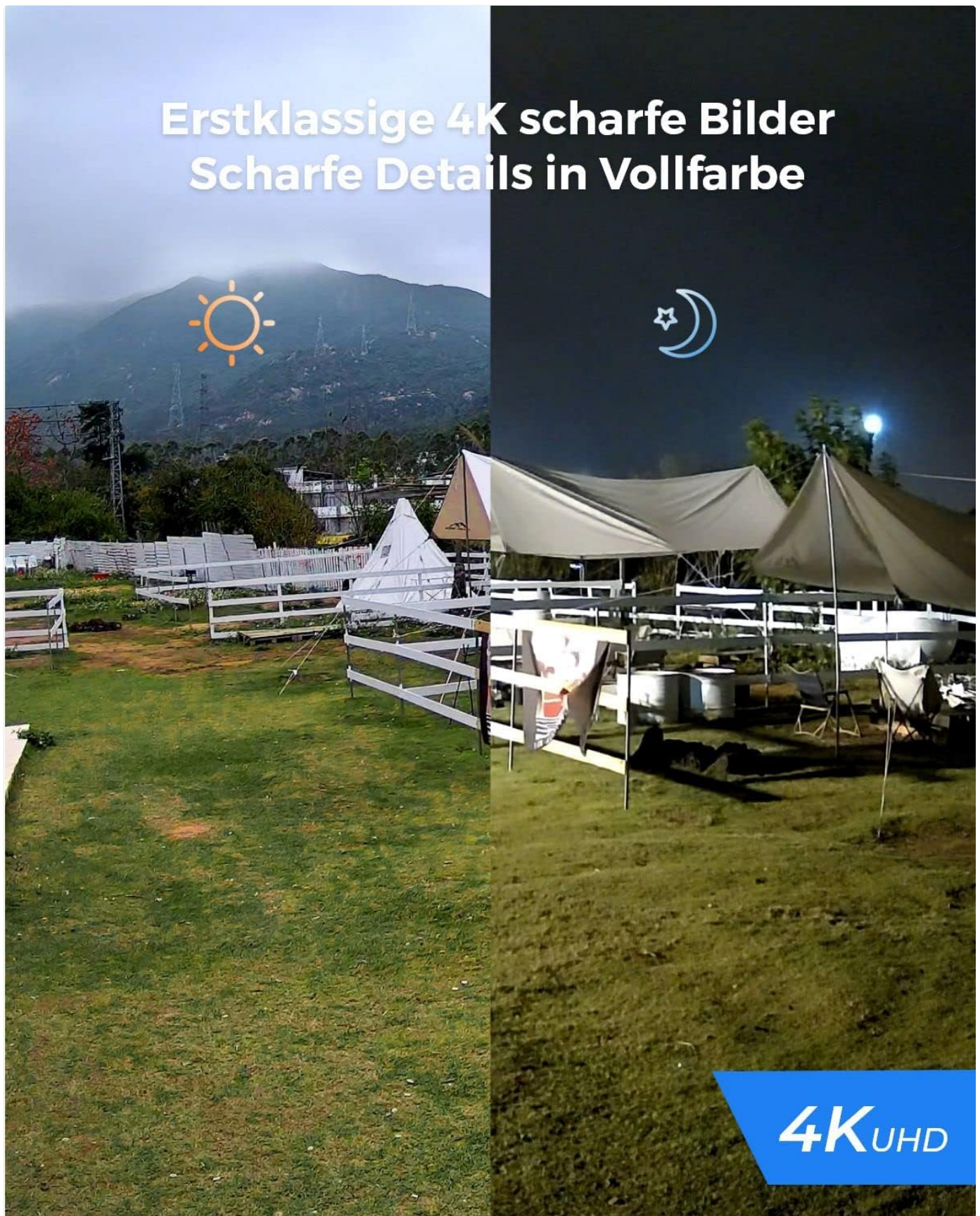


Image: A split image showcasing the camera's ability to capture clear, full-color footage during both day and night, thanks to its color night vision feature.

5.4. Two-Way Audio

Communicate directly through the camera using its built-in microphone and speaker.

- **Real-time Communication:** Speak to visitors or warn off intruders from your smartphone or computer.
- **Siren Activation:** The camera can also activate a siren to deter unwanted guests.

Dauerhafter als Sie erwarten



IP66

Image: An illustration of the two-way audio feature, showing a person speaking through the camera and icons for the built-in siren and spotlights, indicating active deterrence capabilities.

5.5. Time-Lapse Videos

Capture long-term events and condense them into short, engaging videos.

- **Event Monitoring:** Ideal for monitoring construction progress, plant growth, or weather changes over extended periods.

- **Easy Creation:** Configure time-lapse settings within the Reolink app/client.



Image: A time-lapse sequence demonstrating the camera's ability to capture changes over time, such as the transition from day to night over a city landscape.

6. MAINTENANCE

6.1. Weather Resistance

The RLC-811A camera is rated IP66 weatherproof, meaning it is protected against dust and powerful water jets. This ensures reliable operation in various outdoor conditions.

Flexible Aufnahmeoptionen *Keine zusätzliche Gebühr*



**Micro SD-Karte
Bis zu 256 GB**
(nicht enthalten)



**Funktioniert mit
Reolink NVR
FTP/NAS**
(nicht enthalten)



Image: The Reolink RLC-811A camera shown with water droplets, illustrating its robust IP66 weatherproof design suitable for outdoor environments.

6.2. Cleaning

To ensure optimal performance, periodically clean the camera lens and housing. Use a soft, damp cloth. Avoid abrasive

cleaners or solvents that could damage the camera's surface.

7. TROUBLESHOOTING

If you encounter issues with your Reolink RLC-811A camera, consider the following common troubleshooting steps:

- **No Power/No Image:**
 - Ensure the network cable is securely connected to both the camera and the PoE switch/NVR.
 - Verify that the PoE switch/NVR is powered on and functioning correctly.
 - If using a DC power adapter (optional), ensure it is properly connected and providing power.
- **Network Connection Issues:**
 - Check the network cable for any damage.
 - Restart your router, PoE switch, or NVR.
 - Ensure the camera's IP address is correctly configured and not conflicting with other devices on your network.
- **Poor Image Quality:**
 - Clean the camera lens with a soft cloth.
 - Check for obstructions in the camera's field of view.
 - Ensure the camera's firmware is up to date.
- **False Alarms:**
 - Adjust the motion detection sensitivity in the Reolink app/client.
 - Refine the motion detection zones to exclude areas with frequent irrelevant movements (e.g., swaying trees).

For more detailed troubleshooting or technical support, please visit the official Reolink support website or contact their customer service.

8. SPECIFICATIONS

Feature	Detail
Model Number	RLC-811A
Video Resolution	4K (3840x2160)
Effective Still Resolution	8 MP
Optical Zoom	5X
Focal Type	Autofocus
Viewing Angle	105 Degrees
Night Vision Range	30 Meters
Power Source	DC or PoE (IEEE 802.3af)
Connectivity Technology	Wired (Ethernet)

Feature	Detail
Compatible Devices	PC: Windows, Mac OS; Smartphone: iOS, Android
Usage Environment	Outdoor
Mounting Type	Wall Mount
Material	Metal
Item Dimensions (L x W x H)	8 x 7.2 x 23.8 cm
Item Weight	1.2 Kilograms



Image: A detailed diagram showing the various components of the RLC-811A camera, including its lens, IR LEDs, spotlights, and cable connections for network, power, and reset.

9. WARRANTY AND SUPPORT

Your Reolink RLC-811A camera comes with a **2-year warranty** from the date of purchase.

For product support, FAQs, and the latest software updates, please visit the official Reolink website or their Amazon Brand Store:

[Reolink Official Brand Store on Amazon](#)

© 2024 Reolink. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.