REOLINK TrackMix LTE+SP2

REOLINK TrackMix LTE Dual Lens Cellular Security Camera User Manual

Model: TrackMix LTE+SP2

1. Introduction

The REOLINK TrackMix LTE is a dual-lens cellular security camera designed for outdoor use, especially in areas without Wi-Fi or power outlets. It features 4K 8MP resolution, 6X hybrid zoom, auto-tracking, and smart detection for people, vehicles, and pets. Powered by a solar panel, it offers continuous operation via 4G LTE network connectivity. This manual provides essential information for setting up, operating, and maintaining your camera.



Figure 1: REOLINK TrackMix LTE Camera with Solar Panel.

2. What's in the Box

Verify that all components are included in your package:

- 1x REOLINK TrackMix LTE Camera
- 1x REOLINK 6W Solar Panel
- 1x USB-C Cable
- 1x Quick Start Guide
- 1x Surveillance Sticker
- 1x Pack of Screws
- 1x Mounting Template

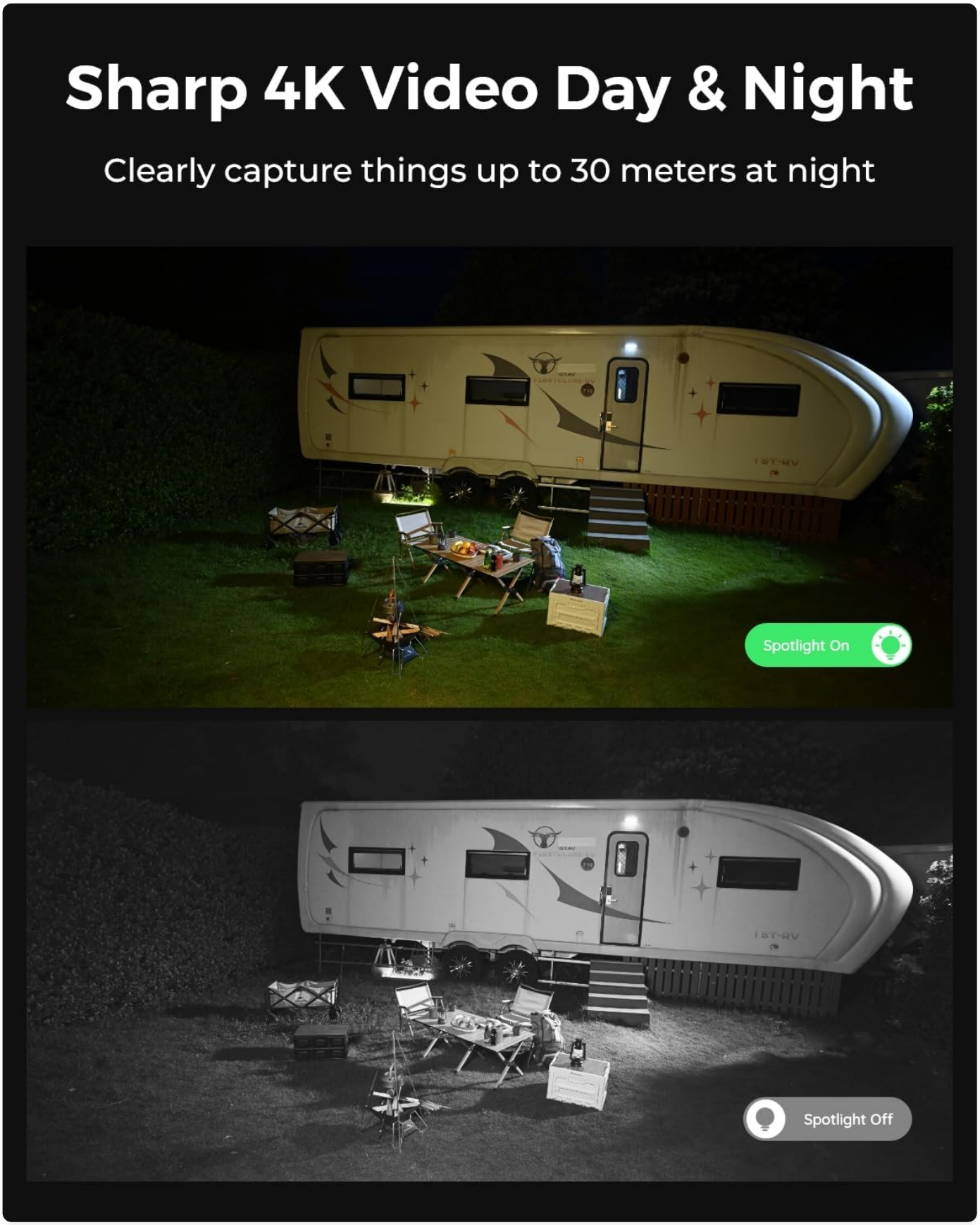


Figure 2: Contents of the REOLINK TrackMix LTE package.

3. Setup

3.1. Inserting SIM Card and MicroSD Card

The camera requires a Nano SIM card (not included) for 4G LTE connectivity and supports up to a 128GB MicroSD card for local storage. Ensure the camera is powered off before inserting or removing cards.

1. Unscrew the waterproof cover on the side of the camera.
2. Insert the Nano SIM card into the SIM tray.
3. Insert the MicroSD card into its slot (if desired).
4. Turn on the camera using the ON/OFF switch.
5. Once the camera confirms network connection, screw the waterproof cover back firmly.

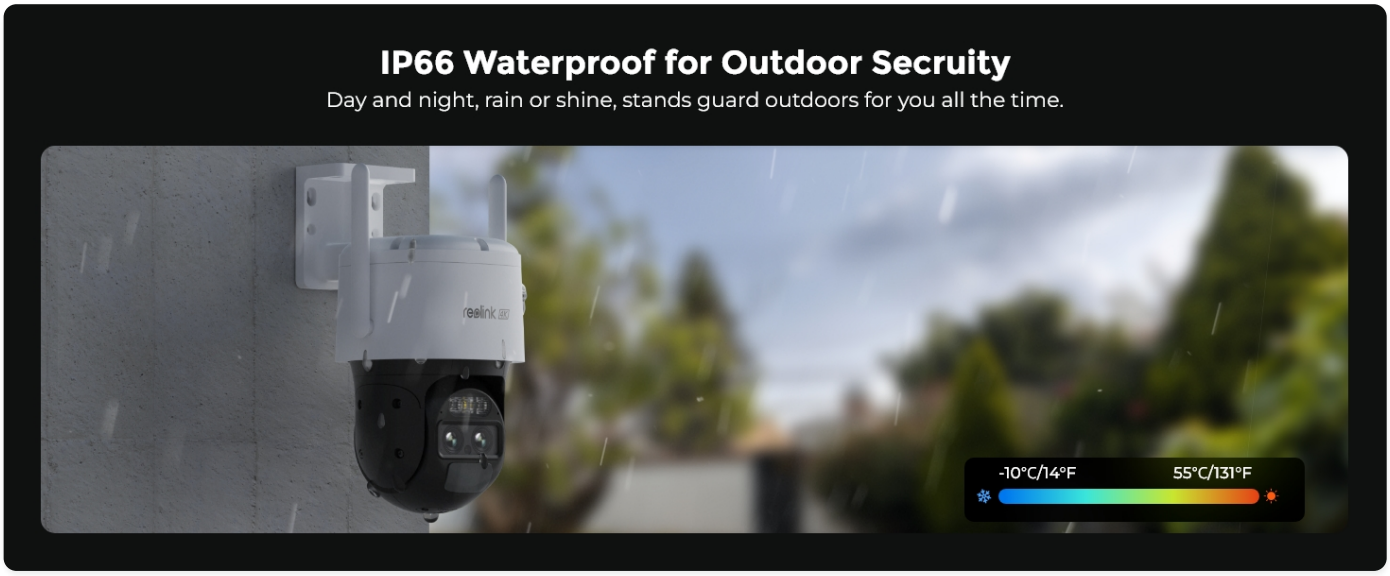


Figure 3: Steps for SIM card and MicroSD card insertion.

Note: Some SIM cards may require a PIN code. Insert the card into your smartphone first to disable the PIN before inserting it into the camera.

3.2. App Installation and Initial Setup

Download the Reolink App from your mobile app store. It is recommended to perform the initial setup indoors before mounting the camera.

1. Launch the Reolink App.
2. Tap the '+' icon to add a new device.
3. Scan the QR code located on the camera.
4. Follow the on-screen prompts to create a device password, name your device, and format the MicroSD card.

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Video 1: Instruction on Setting Up Reolink Trackmix LTE Battery Cam. This video demonstrates the step-by-step process of setting up the camera, including SIM card insertion and app configuration.

3.3. Mounting the Camera and Solar Panel

The camera can be mounted on a wall, ceiling, or tree. The solar panel should be positioned to receive maximum sunlight.

- **Wall/Ceiling Mount:** Use the provided mounting template and screws. For masonry walls, install anchors before screwing the plate.
- **Tree Mount:** Use the provided tree mounting strap and bracket. Ensure the strap is threaded through the plate before screwing the plate to the mount base.
- **Solar Panel:** Mount the solar panel in a location with direct sunlight and connect its USB-C cable to the camera for continuous power.



Figure 4: REOLINK TrackMix LTE camera and solar panel mounted on a wall.

4. Operating

4.1. Live View & Two-Way Talk

Access live video streams from your camera via the Reolink App. The dual-lens feature provides both a wide-angle and a telephoto view simultaneously on one screen. You can also use the two-way talk feature to communicate through the camera.



Figure 5: Live view and two-way talk functionality through the Reolink App.

4.2. PTZ Control and Auto-Tracking

The camera supports Pan-Tilt-Zoom (PTZ) functionality, allowing you to remotely control its viewing angle (355° pan, 90° tilt). The auto-tracking feature enables the camera to automatically follow and zoom in on moving objects.

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Video 2: Easy to Set up Auto Tracking. This video illustrates the camera's auto-tracking capabilities.

You can set a "Monitor Point" for the camera to return to after panning or zooming manually. This ensures the camera always returns to a default surveillance position.

4.3. Smart Detection & Alerts

The camera can distinguish between people, vehicles, and pets, sending relevant alerts to your phone via email, app push notifications, or siren. You can customize detection zones and sensitivity.

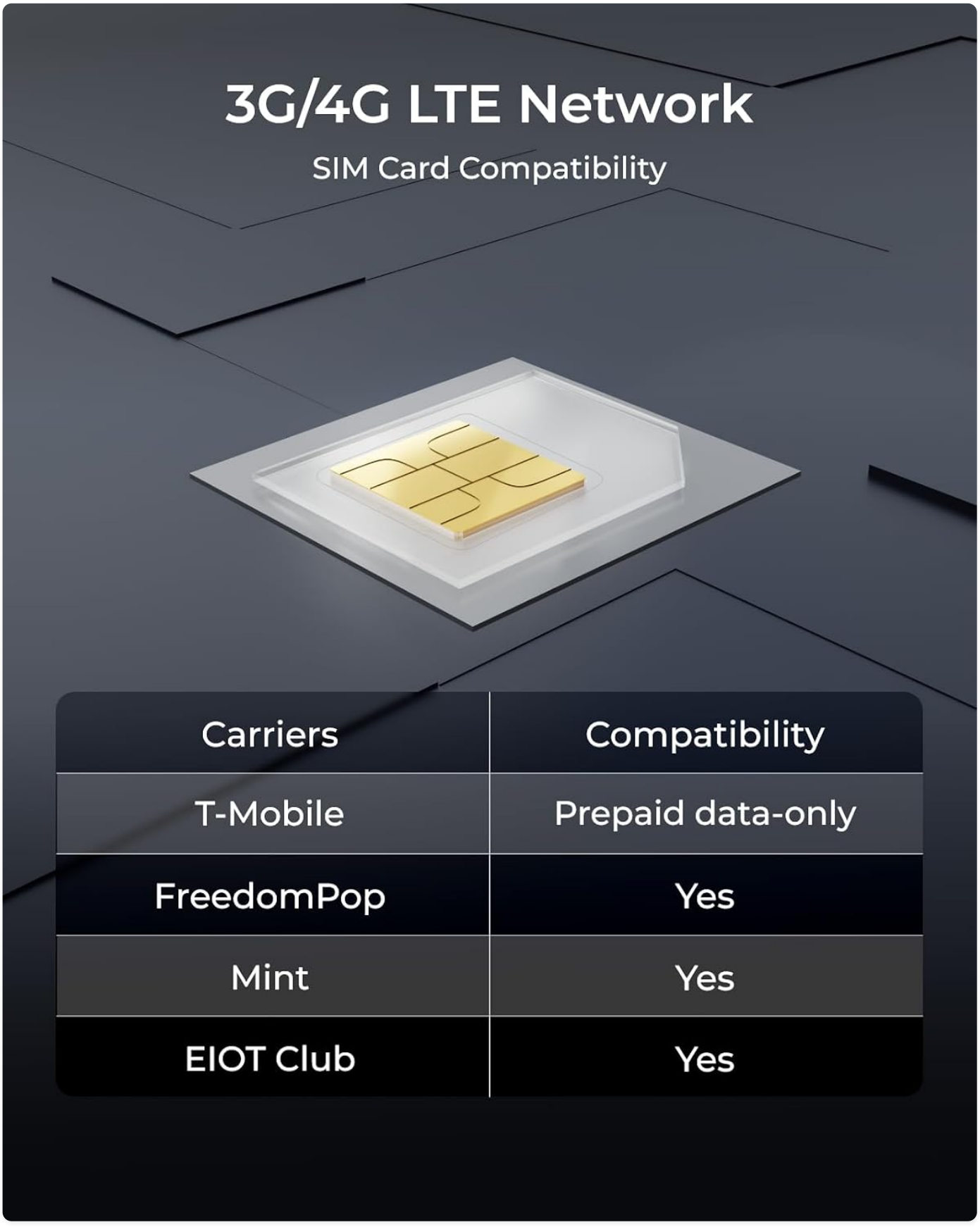


Figure 6: Smart detection capabilities for people, vehicles, and pets.

4.4. Local & Cloud Storage

The camera supports local storage on a MicroSD card (up to 128GB) and offers free 7-day rolling cloud storage for video playback and backup. You can view recorded clips and download them via the app.



Figure 7: Storage options for recorded video footage.

4.5. Data Usage Considerations

Since the camera operates on a 4G LTE network, data usage is a key consideration. The Reolink App shows signal strength and 4G status

but not remaining data on your plan. You can monitor data usage through your SIM card provider's portal (e.g., EIOTCLUB website).

- **Resolution Settings:** Adjust the live view resolution (Clear for best quality, Fluent for faster viewing and less data). Recorded clips are saved in both qualities.
- **Playback/Download:** Be mindful of data consumption when viewing or downloading clips, especially in higher resolutions.

5. Maintenance

To ensure optimal performance and longevity of your REOLINK TrackMix LTE camera, regular maintenance is recommended:

- **Clean Lenses:** Periodically wipe the camera lenses and solar panel with a soft, damp cloth to remove dust and debris.
- **Check Connections:** Ensure all cables and connections are secure and free from damage.
- **Firmware Updates:** Keep the camera's firmware updated through the Reolink App to benefit from the latest features and security enhancements.
- **Monitor Battery/Solar Performance:** Regularly check the battery level and solar charging status via the app to ensure continuous power.

6. Troubleshooting

Here are some common issues and their potential solutions:

Issue	Possible Cause / Solution
Camera is slow or laggy	This can be due to weak 4G signal or high resolution settings. Check signal strength in the app. Adjust live view resolution to 'Fluent' for smoother streaming. Ensure sufficient data plan.
Connectivity issues	Verify SIM card is correctly inserted and activated. Check 4G signal strength. Ensure the SIM card is compatible with unlocked devices and has an active data plan. Some carriers (like T-Mobile) may require prepaid data-only cards.
Battery not charging	Ensure the solar panel is clean and receiving direct sunlight. Check the connection between the solar panel and the camera. Verify the USB-C cable is securely plugged in.
Motion detection not working	Ensure the PIR Motion Sensor is enabled in the app settings. Adjust sensitivity levels. Check detection zones to ensure they cover the desired areas.
Recording issues	Verify that 'Camera Recording' is enabled in settings. Check MicroSD card status (formatted, sufficient space). Ensure the card is not full; enable 'Overwrite Recordings' if desired.

7. Specifications

Feature	Detail
Model Name	TrackMix LTE+SP
Item Model Number	TrackMix LTE+SP2

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Connectivity Technology	4G LTE Cellular
Power Source	Solar Powered
Video Capture Resolution	8 MP (4K)
Viewing Angle	360 Degrees (PTZ)
Zoom Type	Hybrid Zoom (6X)
Night Vision Range	30 Meters
Alert Type	Person/Vehicle/Animal Detection
International Protection Rating	IP65
Item Weight	5.94 pounds
Product Dimensions	8.98 x 5.79 x 5.08 inches

8. Warranty & Support

REOLINK offers comprehensive support for its products:

- **30-Day Money Back Guarantee:** If you are not satisfied with your purchase.
- **2-Year Limited Warranty:** Covers defects in materials and workmanship.
- **24/7 Online Support:** Access to customer service for assistance with setup, troubleshooting, and other inquiries.

For further assistance, please visit the official REOLINK website or contact their customer support directly.

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

Email

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