REOLINK Argus 4 Pro+Reolink Solar Panel 2

REOLINK Argus 4 Pro User Manual

4K Solar Security Camera with 1800 Blindspot-Free View

1. Introduction

Thank you for choosing the REOLINK Argus 4 Pro. This advanced 4K solar security camera is designed to provide comprehensive surveillance with its unique 1800 panoramic view, ensuring no blind spots. Equipped with ColorX Night Vision, Wi-Fi 6 connectivity, and intelligent AI detection, it offers reliable and high-quality monitoring for your home or property, day and night. This manual will guide you through the setup, operation, and maintenance of your new security system.



Figure 1: REOLINK Argus 4 Pro Camera with Solar Panel

2. What's in the Box

- 1x REOLINK Argus 4 Pro Camera
- 1x Security Bracket
- 1x Strap (for pole/tree mounting)
- 1x Quick Start Guide
- 1x Mounting Plate
- 1x USB-C Cable
- 1x Mounting Hole Template
- 1x Surveillance Sticker
- 1x Pack of Screws
- 1x 6W Solar Panel

3. Setup

3.1 Initial Charging & Power On

Before initial use, fully charge the Argus 4 Pro camera using the provided USB-C cable. Once charged, power on the camera. The included 6W solar panel is designed to provide continuous power, requiring only about 10 minutes of direct sunlight per day for normal operation (based on 20 motion events, 15 seconds each).

3.2 App Download & Configuration

Download the official REOLINK App from your device's app store. Create an account and follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera. The app allows you to configure Wi-Fi settings (supports dual-band Wi-Fi 6 for smooth 4K streaming), adjust detection sensitivity, set motion zones, and manage local storage options.

3.3 Mounting the Camera & Solar Panel

The Argus 4 Pro offers flexible mounting options including wall mount and strap mount (for trees or poles). Use the mounting hole template and provided screws for wall installation. For optimal solar charging, ensure the solar panel is placed in an area with maximum direct sunlight exposure throughout the day. Connect the solar panel to the camera using the provided cable.



Figure 2: Flexible Solar Power Setup

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Video 1: Official REOLINK video demonstrating 4K Color Vision Day and Night capabilities of the Argus 4 Pro.

4. Operating Instructions

4.1 Live View & Playback

Access the live feed of your camera through the REOLINK App. The dual-lens design stitches two views into a seamless 1800 4K perspective with minimal distortion, providing a wide, blindspot-free view. You can also review recorded footage stored locally on a microSD card (up to 512GB, sold separately) or the Reolink Home Hub (supports up to 2x512GB microSD cards).



Figure 3: 1800 Blindspot-Free View

4.2 ColorX Night Vision

The ColorX technology enables full-color night vision even in low-light conditions, thanks to its F/1.0 aperture and 1/1.8 sensor. This provides true-to-life details and a clearer picture compared to traditional infrared night vision.

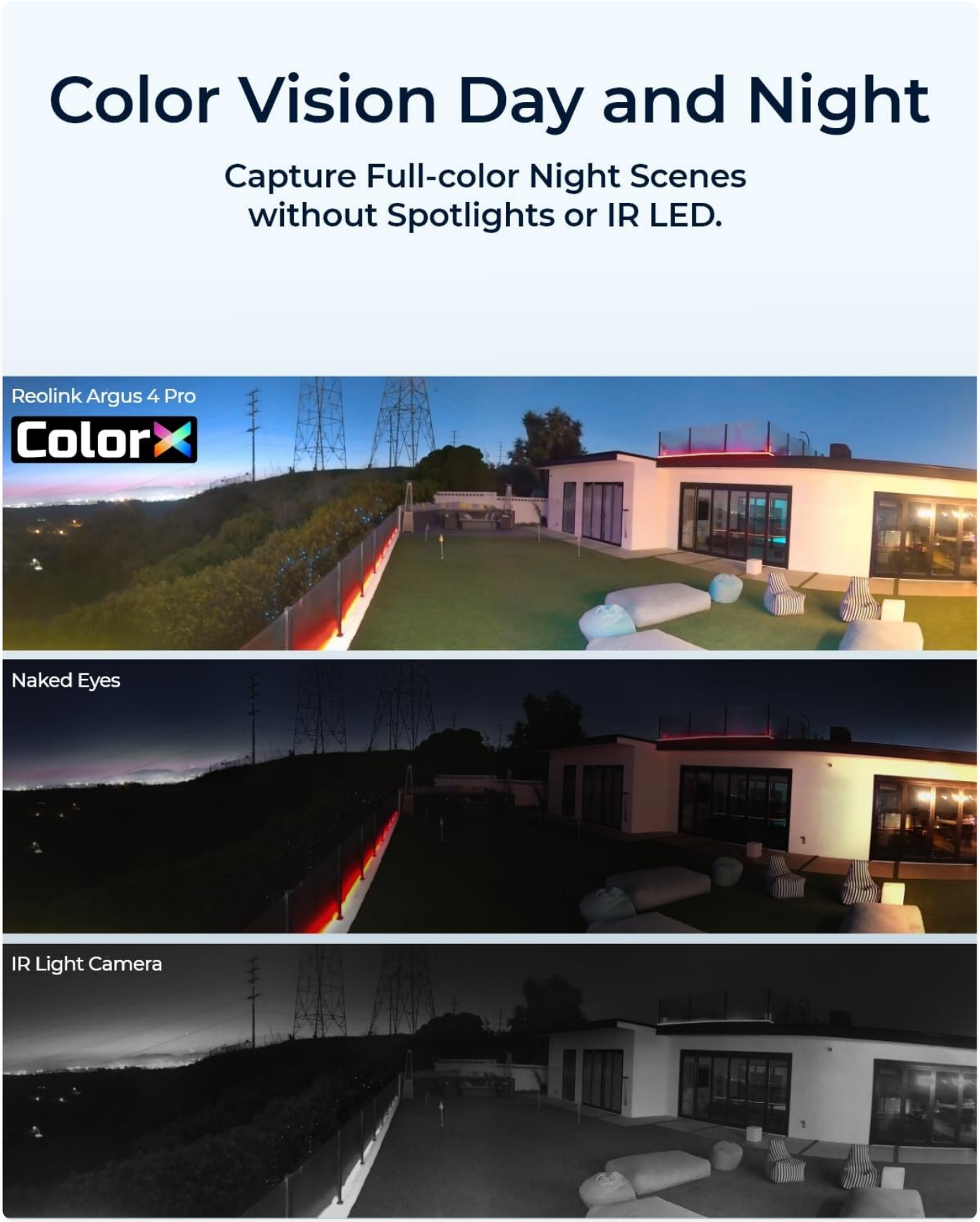


Figure 4: ColorX Night Vision Comparison

4.3 Smart Detection & Alerts

The camera features enhanced smart detection with intelligent algorithms to reduce false alerts. It can accurately identify persons, vehicles, and pets, sending real-time alerts to your device. You can customize detection sensitivity and zones within the app.



Figure 5: Enhanced Smart Detection

4.4 Two-Way Audio

Utilize the two-way audio feature through the app to communicate with visitors or deter unwanted guests directly from your device.

5. Maintenance

5.1 Battery Management

While the solar panel provides continuous charging, factors like extreme cold (below 350F) can affect its charging efficiency. In such cases, or during prolonged periods of low sunlight, you may need to manually charge the camera using the USB-C cable. Avoid excessive live viewing or frequent motion events in low-light conditions to conserve battery life.

5.2 Cleaning

Periodically clean the camera lenses and the solar panel surface with a soft, damp cloth to ensure optimal performance. Avoid abrasive materials or harsh chemicals that could damage the device. Ensure the camera's waterproof seal (IP66 rated) is intact after any manual charging or maintenance.

6. Troubleshooting

6.1 Connectivity Issues

If the camera experiences unstable connection or frequent disconnections, ensure it is within optimal range of your Wi-Fi router. Wi-Fi 6 offers improved stability, but physical obstructions (concrete, metal walls) can still interfere with the signal. Try repositioning the camera or router, or consider a Wi-Fi extender.

6.2 Recording Problems

If recordings are not saving or playback is slow, verify that a microSD card is properly inserted and formatted. Ensure the card has sufficient free space. Check the recording settings in the app to confirm motion detection and recording schedules are correctly configured. For Home Hub users, ensure the hub is online and functioning correctly.

6.3 False Alerts

To reduce unwanted alerts, adjust the detection sensitivity in the app. Utilize the customizable motion zones to exclude areas where motion is not relevant (e.g., public sidewalks, swaying trees). Ensure person/vehicle/pet detection filters are enabled.

7. Specifications

Feature	Specification
Model Name	Argus 4 Pro+Reolink Solar Panel 2
Video Capture Resolution	8MP (4K UHD)
Viewing Angle	180 Degrees (Panoramic)
Night Vision	ColorX Night Vision (Full-color)
Connectivity Protocol	Wi-Fi (5G/2.4GHz WiFi 6)
Power Source	Solar Powered, Battery Powered
Battery Capacity	5000 Milliamp Hours
Local Storage	microSD card (Up to 512GB), Reolink Home Hub
Weather Resistance Level	IP66 (Waterproof)
AI Detection	Person, Vehicle, Pet
Dimensions (L x W x H)	6 x 4.5 x 3.1 inches
Item Weight	14.1 ounces (400 Grams)

8. Warranty & Support

For detailed warranty information, please refer to the official User Guide (PDF) available for download or visit the REOLINK official website. For technical support or further assistance, please contact REOLINK customer service through their official channels.

User Guide (PDF): https://m.media-amazon.com/images/I/B10yppmR9RL.pdf

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Example: How do I reset this device or fix this error?

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