

REOLINK Reolink Solar Panel

Reolink 6W Solar Panel Instruction Manual

Model: Reolink Solar Panel

1. INTRODUCTION AND OVERVIEW

The Reolink 6W Solar Panel is designed to provide a continuous power supply for compatible Reolink wireless battery cameras. This ensures uninterrupted operation of your security cameras without the need for frequent manual recharging. Its robust design and adjustable mounting options make it suitable for various outdoor environments.

Key features include:

- **Non-stop Solar Power Supply:** The 6W solar panel efficiently absorbs solar energy to power your camera.
- **Wide Compatibility:** Specifically designed for all Reolink battery cameras, including Argus Eco Ultra, Argus PT Ultra, Argus 3 Ultra, Reolink Go Plus, Reolink Go PT Plus, Go PT Ultra, and Go Ultra.
- **Flexible & Easy Installation:** Features a 360° adjustable mounting bracket and a 4-meter power cable for optimal sunlight exposure.
- **Weather-Resistant:** IP65 waterproof rating ensures durability against harsh weather conditions.

2. WHAT'S IN THE BOX

Upon unboxing your Reolink 6W Solar Panel, you should find the following components:

- Reolink 6W Solar Panel
- Adjustable Mounting Bracket
- 4-meter (13 feet) Power Cable (USB-C)
- USB-C to Micro USB Adapter
- Mounting Screws and Wall Anchors
- Mounting Strap
- Mounting Template
- Operational Instruction Manual

Video: Unboxing the Reolink 6W Solar Panel and Argus Track Camera components. This video shows the solar panel, mounting hardware, cables, and the camera itself.

3. SETUP AND INSTALLATION

Proper installation ensures optimal performance and charging efficiency for your solar panel. Follow these steps for a successful setup:

1. **Choose a Location:** Select a location that receives maximum direct sunlight throughout the day. Avoid areas with shade from trees, buildings, or other obstructions.
2. **Mount the Bracket:** Use the provided mounting template to mark the screw holes. Secure the adjustable mounting bracket to the wall or surface using the screws and wall anchors. Alternatively, use the mounting strap for installation on poles or trees.
3. **Attach the Solar Panel:** Screw the solar panel onto the adjustable mounting bracket. Ensure it is securely fastened.
4. **Adjust the Angle:** Adjust the solar panel's angle (360° horizontally, 90° vertically) to maximize sunlight exposure. The goal is to position the panel to face the sun directly for the longest possible duration.
5. **Connect to Camera:** Connect the 4-meter USB-C power cable from the solar panel to your Reolink battery camera. If your camera uses a Micro USB port, use the included USB-C to Micro USB adapter. Ensure the connection is snug to prevent water ingress.



Image: Reolink 6W Solar Panel with adjustable outdoor mount and 4-meter cable, showing 360-degree rotation and 90-degree tilt for optimal positioning.



Image: Step-by-step visual guide demonstrating how to mount the bracket, attach the solar panel, adjust its direction, and connect it to a Reolink camera.



Image: Reolink Solar Panel installed on a tree using a strap, illustrating an alternative mounting method for outdoor placement.

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Video: Installation and connection of the Reolink Solar Panel to a Reolink battery camera, including the use of the Micro USB adapter.

4. OPERATING THE CAMERA WITH SOLAR PANEL

Once the solar panel is connected, your Reolink camera will automatically begin charging when exposed to sunlight. Manage your camera settings and view live feeds through the Reolink app.

4.1 Initial Camera Setup (via Reolink App)

Before mounting, ensure your camera is fully charged and set up in the Reolink app:

1. **Download App:** Install the Reolink app on your iOS or Android device.
2. **Create Account:** Create a Reolink account if you don't have one.
3. **Add Device:** Tap the '+' icon in the app's upper right corner to add a new device.
4. **Scan QR Code:** Scan the QR code located on the camera base.
5. **Follow Prompts:** Follow the in-app instructions to configure Wi-Fi settings, create a device password, and name your camera. Remember your password and device name for future access.

4.2 App Features and Settings

The Reolink app provides comprehensive control over your camera:

- **Live View:** View live footage from your camera. You can view both camera lenses separately or together.
- **Playback:** Browse recorded events by date and time. Select 'High' resolution for the best viewing and download quality.
- **Recording:** Adjust camera recording settings, including post-motion record duration and overwrite recordings.
- **Motion Detection:** Configure PIR motion sensor sensitivity and select tracking types (Person, Vehicle, Animal). You can also set a horizontal tracking range to limit camera movement.
- **Night Vision & Spotlight:** Adjust infrared lights (Auto/Off) and spotlight modes (Off/Night Smart Mode/Auto-On for Live View).
- **Audio:** Enable or disable audio recording.
- **Advanced Settings:** Change device password, adjust date & time, reboot, or restore the camera.

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Video: Detailed walkthrough of the Reolink app, covering camera setup, live view, playback, and various settings for motion detection, night vision, and audio.

5. FEATURES

The Reolink 6W Solar Panel enhances your camera's capabilities with several key features:

- **High Efficiency:** The larger 6W panel ensures more efficient solar energy absorption, providing a consistent power supply.
- **IP65 Weatherproof:** Designed to withstand various weather conditions, making it ideal for outdoor use in locations like garages, backyards, or other exposed areas.
- **Adjustable Mount:** The 360° adjustable bracket allows for precise positioning to capture maximum sunlight, ensuring optimal charging.
- **Extended Cable:** The 4-meter power cable offers flexibility in placement, allowing you to position the solar panel away from the camera for better sun exposure. Extension cables can further extend this reach up to 13 meters (43 feet).



Image: Reolink 6W Solar Panel showcasing its larger size and higher efficiency (Max. 960mA, 6W) with dimensions.



Image: Reolink Solar Panel demonstrating its IP65 waterproof design, capable of withstanding temperatures from -10°C (14°F) to 55°C (131°F).

6. MAINTENANCE

To ensure the longevity and optimal performance of your Reolink 6W Solar Panel, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the surface of the solar panel to remove dust, dirt, leaves, or other debris that may obstruct sunlight absorption. Use a soft, damp cloth and avoid abrasive cleaners.
- **Inspect Connections:** Regularly check the connection between the solar panel cable and the camera to ensure it remains snug and waterproof.
- **Monitor Sunlight Exposure:** Ensure the panel continues to receive maximum direct sunlight. Adjust its angle or clear any new obstructions (e.g., growing foliage) as needed.
- **Check for Damage:** Inspect the panel and cable for any signs of physical damage. Contact Reolink support if you notice any issues.

7. TROUBLESHOOTING

If your Reolink 6W Solar Panel is not charging your camera as expected, consider the following troubleshooting steps:

- **No Charging Indication:**
 - Ensure the solar panel is receiving direct sunlight.
 - Check the cable connection to both the solar panel and the camera. Ensure it is secure.
 - Verify that the USB-C to Micro USB adapter (if used) is correctly inserted.
 - Clean the surface of the solar panel to remove any obstructions.
- **Intermittent Charging:**
 - Adjust the panel's angle to optimize sunlight exposure throughout the day.
 - Check for partial shading from nearby objects that might intermittently block sunlight.
- **Camera Battery Drains Quickly:**
 - Ensure the solar panel is installed in a location with consistent and sufficient sunlight.
 - Review camera settings in the Reolink app. High-frequency motion detection, continuous recording, or frequent live view access can increase power consumption.
 - Consider if the camera is in an area with extreme temperatures, which can affect battery performance.

8. SPECIFICATIONS

Specification	Detail
Brand	REOLINK
Model Number	Reolink Solar Panel
Material	Monocrystalline Silicon
Maximum Power	6 Watts
Maximum Voltage	5.8 Volts
Product Dimensions	0.69"L x 6.87"W x 0.26"H
Item Weight	1.66 pounds (0.76 Kilograms)
Efficiency	High Efficiency
Weather Rating	IP65 Waterproof
Cable Length	4 meters (13 feet)

9. WARRANTY AND SUPPORT

Reolink is committed to providing quality products and excellent customer service.

- **2-Year Limited Warranty:** The Reolink solar panel is backed by a 2-year limited warranty.
- **30-Day Money-Back Guarantee:** Enjoy a 30-day money-back guarantee for your purchase.
- **24/7 Online Support:** Reolink offers 24/7 online support to assist with any product-related inquiries or issues.

For further assistance, please visit the official Reolink website or contact their customer support team.



Image: Reolink After-sales Support details, highlighting the 30-Day Money Back Guarantee, 2-Year Limited Warranty, and 24/7 Online Support.