

[Manuals.plus](#) /

› [Rhorawill](#) /

› Rhorawill 4 Pack Solar Panel Instruction Manual for Blink Outdoor Cameras

Rhorawill 4PCS Solar panel

Rhorawill 4 Pack Solar Panel Instruction Manual

For Blink Outdoor 2K+/4 (4th Gen), Blink Outdoor (3rd Gen) XT3, Blink XT/XT2, and SimpliSafe Cameras

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rhorawill 4-pack solar panels. These solar panels are designed to provide continuous power to compatible outdoor security cameras, eliminating the need for frequent battery changes. Please read this manual thoroughly before installation and use.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 4 x 5V 4W Solar Panel
- 4 x 360° Secure Wall Mount
- 4 x 4.0m (13.1ft) Type-C Rubber Plug Charging Cable
- 4 x Type-C to Micro USB with Rubber Ring Connector Cable
- 4 x 3 Sets of Fastening Screws and Screw Bag
- 1 x User Manual

3. COMPATIBILITY

The Rhorawill solar panels are compatible with the following camera models:

- Blink Outdoor 2K+/4 (4th Gen)
- Blink Outdoor (3rd Gen) XT3
- Blink XT Camera
- Blink XT2 Camera
- SimpliSafe Cameras

Note: These solar panels are NOT compatible with Blink XT1 and Blink Indoor Home Cameras.

4W Solar Panel (4 Pack)

for Blink XT /XT2 & Blink Outdoor(3rd Gen) & Blink Outdoor 4(4th Gen)
& SimpliSafe Camera



Compatible with Blink XT/XT2 & Blink Outdoor Camera



Blink XT



Blink XT2



All New Blink Outdoor



Blink Outdoor(4th)



Not Compatible with Blink Indoor Home Security Camera



Image: Visual guide to compatible and incompatible Blink camera models.

4. FEATURES

- **Continuous Solar Power:** Designed to provide uninterrupted power by converting sunlight into electricity.
- **High Efficiency Charging:** 4W solar panel with 5V 1A current output and up to 21% energy conversion efficiency using monocrystalline silicon wafers. Features a built-in smart IC for overcharge, overheat, overvoltage, and short circuit protection.
- **Adjustable Mounting:** Includes a 360° rotatable wall mount for optimal positioning towards direct sunlight.
- **Durable and Waterproof:** IP65 waterproof rating ensures resistance to rain, snow, and thunderstorms. Operating temperature range of 14°F to 113°F (-10°C to 45°C). Special rubber plug seals the connection to the camera, preventing water ingress.
- **Long Cable:** Equipped with a 13.1ft (4m) charging cable for flexible installation.

Continuous Solar Power

Using super absorbing solar monocrystalline silicon wafer

**The rate of conversion
of light energy into
electricity is 21%**

- The 4W power can reach 5V 1A or more current in good sunlight
- Only a few hours in the sun to quickly fully charge

Image: Illustration of continuous solar power generation and 21% conversion efficiency.

Adjustable Bracket

Solar panels can be installed in any outdoor location

90°

360°

4m/13.1 ft
Charging Cable

- Easy positioning ensures
maximum sunlight exposure

- Never Change Battery Again

Image: Adjustable bracket allowing 360° rotation for maximum sunlight exposure.

IP65 Waterproof

Operating Environment: -10°C to 45°C(14°F to 113°F)



Image: Demonstration of IP65 waterproof design and the protective rubber plug.

5. SETUP AND INSTALLATION

Follow these steps to install your Rhorawill solar panel:

1. **Prepare the Camera:** Before connecting the solar panel, ensure you remove the AA batteries from your Blink Outdoor camera. The solar panel has an internal battery and is designed to power the camera directly.
2. **Choose a Location:** Select an outdoor location that receives direct sunlight for several hours each day. Avoid shaded areas.
3. **Mount the Bracket:** Drill holes in the wall at your chosen location and securely fasten the 360° rotatable wall mount using the provided screws and screw bag.
4. **Attach the Solar Panel:** Connect the solar panel to the mounted bracket.
5. **Adjust the Angle:** Orient the solar panel to face direct sunlight. The adjustable bracket allows for 360° rotation and 90° vertical adjustment to achieve the best angle for maximum sun exposure.

6. Connect to Camera:

- For Blink Outdoor 2K+/4 (4th Gen) cameras, plug the 13.1ft (4m) Type-C rubber plug charging cable directly into the Type-C port on the back of the camera.
- For Blink Outdoor (3rd Gen) XT3, Blink XT, and Blink XT2 cameras, use the included Type-C to Micro USB adapter cable. Ensure the rubber ring connector is properly seated to maintain waterproofing.

7. **Secure the Cable:** Use the provided cable clips to neatly route and secure the charging cable along the wall, preventing it from dangling or becoming a hazard.



Image: Step-by-step guide for solar panel installation, including battery removal from the camera.

Installation Video Guide

Your browser does not support the video tag.

Video: Official installation guide for the 4W Solar Panel for Blink Outdoor Camera, demonstrating the connection process and battery removal.

6. OPERATING INSTRUCTIONS

Once installed and connected, the solar panel will automatically begin charging your compatible Blink camera when exposed to sunlight. No manual operation is required.

- Ensure the solar panel remains unobstructed by shadows from trees, buildings, or other objects to maximize charging efficiency.
- The built-in smart IC protects against overcharge, overheat, overvoltage, and short circuits, ensuring safe and continuous power delivery.
- Even on cloudy days, the high-efficiency monocrystalline silicon wafers will continue to convert available light into electricity, though at a reduced rate.

7. MAINTENANCE

To ensure optimal performance and longevity of your solar panel, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the surface of the solar panel to remove dust, dirt, leaves, or other debris that may accumulate and reduce charging efficiency. Use a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals.
- **Inspection:** Regularly inspect the charging cable and connections for any signs of wear, damage, or loose connections. Ensure the rubber plug remains securely seated to maintain waterproofing.
- **Obstruction Check:** Verify that no new obstructions (e.g., growing tree branches, new structures) are casting shadows on the solar panel. Adjust the panel's angle if necessary to maintain optimal sun exposure.
- **Environmental Conditions:** The IP65 rating protects against typical outdoor weather. However, during extreme weather events (e.g., severe hailstorms, hurricanes), consider temporarily relocating the panel if possible, or ensure it is securely fastened.

8. TROUBLESHOOTING

If your Blink camera is not receiving power from the solar panel, consider the following:

Problem	Possible Cause	Solution
Camera not charging	Insufficient sunlight	Relocate the solar panel to an area with more direct sunlight. Adjust the panel's angle.
Camera not charging	Dirty solar panel surface	Clean the solar panel surface with a soft, damp cloth.
Camera not charging	Loose or incorrect connection	Ensure the charging cable is securely plugged into both the solar panel and the camera. Verify the correct adapter (Type-C or Micro USB) is used for your camera model.
Camera not charging	Camera batteries still installed	Remove the AA batteries from the Blink camera. The solar panel is designed to power the camera directly.
Water ingress at connection point	Rubber plug not properly seated	Ensure the rubber plug on the charging cable (and adapter, if used) is fully and correctly inserted into the camera's charging port to create a waterproof seal.

9. SPECIFICATIONS

Feature	Specification
Brand	Rhorawill
Material	Monocrystalline Silicon
Product Dimensions (L x W x H)	9.9"L x 7.8"W x 6.3"H
Efficiency	Up to 21% Energy Conversion
Amperage Capacity	1 A
Maximum Voltage	5 Volts
Maximum Power	4 Watts
Operating Temperature Range	14°F to 113°F (-10°C to 45°C)
Waterproof Rating	IP65
Cable Length	4.0m (13.1ft)
Connector Type	Micro USB & Type-C
Model Number	4PCS Solar panel
UPC	724164942968
ASIN	B0D96K6VNP

10. WARRANTY AND SUPPORT

Rhorawill is committed to providing high-quality products and customer satisfaction. If you encounter any problems or have questions regarding your solar panels, please contact our customer support team.

- **Customer Support:** We offer free replacement and 24-hour online response for any product issues.
- Please refer to your purchase documentation for specific warranty terms and contact information.

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

Open the live page

<https://manuals.plus/asin/B0D96K6VNP>

More documents and user manuals: <https://manuals.plus/>