Swann SWIFI-SOLAR-GL

Swann Solar Panel for Outdoor Security Camera Instruction Manual

Model: SWIFI-SOLAR-GL

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Swann Solar Panel, designed to provide continuous power to compatible Swann outdoor security cameras. By utilizing solar energy, this panel eliminates the need for frequent battery recharging, ensuring uninterrupted surveillance.

What's Included

Please verify that all components listed below are present in your package:

- Swann Solar Panel
- Adjustable Mounting Bracket
- 10ft (3m) USB Charging Cable
- Mounting Screws and Wall Plugs



Figure 1: Package Contents. This image displays the Swann Solar Panel, the adjustable mounting bracket, the 10-foot (3-meter) USB charging cable, and the included mounting screws and wall plugs. These are the essential components for setting up your solar panel.

Setup and Installation

Proper installation is crucial for optimal performance of your solar panel. Follow these steps carefully:

1. Choose an Optimal Location

Select a location that receives direct sunlight for the majority of the day, especially during peak sunlight hours (typically 10 AM to 4 PM). Avoid areas with significant shade from trees, buildings, or other obstructions. The panel's efficiency is directly proportional to the amount of direct sunlight it receives.

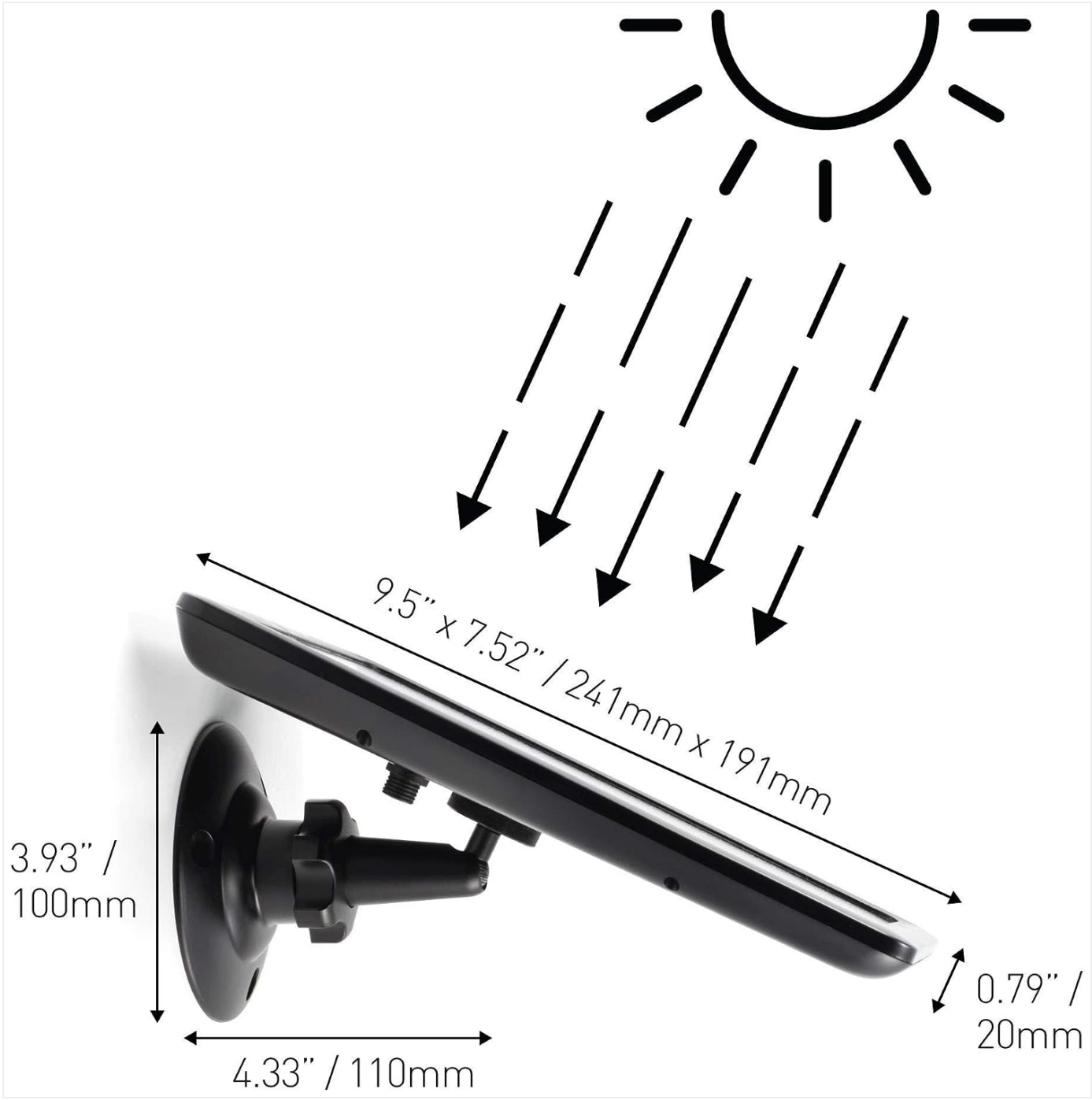


Figure 2: Optimal Sunlight Exposure. This diagram illustrates the dimensions of the solar panel and emphasizes the importance of direct sunlight for efficient charging. Ensure the panel is positioned to capture maximum solar radiation throughout the day.

2. Mount the Bracket

Using the included mounting screws and wall plugs, securely attach the adjustable mounting bracket to your chosen surface. Ensure the surface is stable and can support the weight of the solar panel.



Figure 3: Solar Panel and Mounting Bracket. This image shows the Swann Solar Panel alongside its adjustable mounting bracket, highlighting how the panel connects to the mount for flexible positioning.

3. Attach the Solar Panel

Attach the solar panel to the mounted bracket. The bracket allows for angle adjustment, which is critical for maximizing sunlight exposure. Adjust the panel's angle to face the sun directly during the brightest part of the day.





Figure 4: Panel Mounted and Angled. A side view of the solar panel attached to its adjustable mount, demonstrating the range of motion available for angling the panel towards the sun.

4. Connect to Your Camera

Connect the 10ft (3m) USB charging cable from the solar panel to the USB charging port on your compatible Swann security camera. Ensure the connection is secure. The long cable provides flexibility in positioning the solar panel away from the camera if needed.



Figure 5: USB Cable Connection. This image shows the back of the solar panel with the USB charging cable securely plugged into its port, ready to connect to your security camera.



Figure 6: Example Outdoor Installation. This image provides an example of the solar panel and a compatible Swann security camera installed together outdoors, demonstrating a typical setup.

Operation

Once installed, the Swann Solar Panel will automatically begin converting sunlight into electrical energy to charge your connected security camera's battery. The panel is designed for continuous operation and is weatherproof to withstand various outdoor conditions.

- **Automatic Charging:** The panel charges the camera's battery whenever sufficient sunlight is available.
- **Weatherproof Design:** Constructed with durable materials (Aluminum, Monocrystalline Silicon, Tempered Glass) to ensure reliable performance in outdoor environments.

Maintenance

To ensure the longevity and optimal performance of your solar panel, periodic maintenance is recommended:

- **Clean the Panel Surface:** Regularly wipe the surface of the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or other debris that may accumulate and reduce efficiency. Avoid abrasive cleaners or materials.
- **Check Connections:** Periodically inspect the USB cable connection to the camera and the panel to ensure it remains secure and free from corrosion or damage.
- **Inspect Mounting:** Verify that the mounting bracket remains firmly attached to the surface and that the panel's angle is still optimal for sunlight exposure.

Troubleshooting

If your solar panel is not performing as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Camera battery not charging or charging slowly.	◦ Insufficient direct sunlight. ◦ Panel surface is dirty. ◦ USB cable is loose or damaged. ◦ Panel angle is not optimal.	◦ Relocate the panel to an area with more direct sunlight. ◦ Clean the panel surface thoroughly. ◦ Ensure the USB cable is securely connected at both ends. Replace if damaged. ◦ Adjust the panel's angle to face the sun directly.
Panel appears damaged after severe weather.	Extreme weather conditions.	While designed to be weatherproof, extreme conditions can cause damage. Inspect for cracks or severe impact. If damaged, contact Swann support for assistance.

Specifications

Feature	Detail
Brand	Swann
Model Number	SWIFI-SOLAR-GL
Material	Aluminum, Monocrystalline Silicon, Tempered Glass
Item Weight	1.34 Kilograms (2.95 pounds)
Product Dimensions	6.69 x 9.45 x 11.26 inches
Efficiency	High Efficiency
Connector Type	USB
Cable Length	10ft / 3m
Power Source	Battery Powered, Corded Electric, USB Cable

Feature	Detail
UPC	840236126262

Warranty and Support

Swann provides a **1 Year Limited Warranty** against factory defects for this product. In case of any challenges or issues with your Swann Solar Panel, please contact Swann customer service for technical support and warranty claims. They will assist with troubleshooting or product replacement within the warranty period.
For further assistance, visit the official Swann website or refer to the contact information provided with your product packaging.

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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