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› Adorcam S2 Solar Panel Instruction Manual for A4 and A3 Battery Cameras

adorcam S2 Solar Panel

Adorcam S2 Solar Panel Instruction Manual

For Adorcam A4 and A3 Battery Cameras

1. INTRODUCTION

The Adorcam S2 Solar Panel is designed to provide continuous power to your compatible Adorcam A4 and A3 wireless outdoor security cameras. This 5V, 2-watt solar panel connects via a Micro USB port, ensuring your camera's battery remains charged with sufficient sunlight exposure, reducing the need for manual recharging.



Image 1.1: Adorcam S2 Solar Panel providing power to an Adorcam A4 camera.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Adorcam S2 Solar Panel
- Adjustable Wall Mount Bracket
- Mounting Screws and Wall Anchors
- Quick User Guide (This document serves as a detailed guide)



Image 2.1: The Adorcam S2 Solar Panel with its integrated Micro USB cable.

3. SETUP AND INSTALLATION

Follow these steps to install your Adorcam S2 Solar Panel:

1. **Choose a Location:** Select an outdoor location for the solar panel that receives several hours of direct sunlight daily. Optimal performance requires unobstructed sunlight exposure. The 9.8-foot (3m) cable provides flexibility for placement.
2. **Mount the Bracket:** Position the wall mount bracket on your chosen surface. Mark the screw holes, drill pilot holes if necessary, and secure the bracket using the provided screws and wall anchors.
3. **Attach the Solar Panel:** Connect the solar panel to the mounted bracket. The bracket allows for 360-degree swivel and 90-degree tilt adjustments. Adjust the panel's angle to maximize direct sunlight exposure throughout the day.
4. **Connect to Camera:** Plug the Micro USB cable from the solar panel into the Micro USB charging port on your

Adorcam A4 or A3 camera. Ensure the connection is secure and the rubber seal around the port is properly seated to maintain weather resistance.



Image 3.1: Rear view of the solar panel illustrating the adjustable mounting mechanism.

4. OPERATING INSTRUCTIONS

Once installed and connected, the Adorcam S2 Solar Panel will automatically begin charging your camera's battery when exposed to sufficient sunlight. The 2-watt high-efficiency panel is designed to provide continuous power, keeping your camera operational without frequent manual recharges.

- **Automatic Charging:** The solar panel will convert sunlight into electrical energy to charge the camera's internal battery. This process is automatic and requires no user intervention after initial setup.
- **Battery Level:** Monitor your camera's battery level through the Adorcam app. With adequate sunlight, the battery level should remain consistently high.
- **Solar Charge Setting:** Some camera models may have a 'solar charge' setting in their app. This setting typically indicates the camera's awareness of being connected to a solar panel and manages charging accordingly. If the camera battery is at 100%, this setting may appear inactive, as no charging is needed at that moment.



Image 4.1: Visual representation of the camera battery being charged by the solar panel.

5. MAINTENANCE

The Adorcam S2 Solar Panel is designed for outdoor use with an IP65 weatherproof rating, built to withstand various weather conditions. Regular maintenance ensures optimal performance:

- **Cleaning:** Periodically clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or other debris that may obstruct sunlight. Avoid abrasive cleaners or harsh chemicals.
- **Connection Check:** Occasionally inspect the Micro USB connection to the camera to ensure it remains secure and the rubber seal is intact, preventing water ingress.
- **Obstruction Removal:** Ensure no new obstructions (e.g., growing tree branches, new structures) are blocking sunlight from reaching the panel.



Image 5.1: Front view of the Adorcam S2 Solar Panel.

6. TROUBLESHOOTING

If your camera is not charging or maintaining its battery level:

- **Verify Sunlight Exposure:** Confirm that the solar panel receives direct sunlight for several hours each day. Shaded areas will significantly reduce charging efficiency.
- **Check Connections:** Ensure the Micro USB cable is firmly connected to both the solar panel and the camera. Disconnect and reconnect to ensure a proper fit.
- **Inspect Panel Surface:** Clean the solar panel surface to remove any dirt, dust, or debris that might be blocking sunlight.
- **Examine Rubber Seal:** Check the rubber seal around the camera's Micro USB port. An improperly seated or damaged seal can prevent proper connection or allow moisture in.
- **Camera Battery Status:** If the camera's battery is already at 100%, the solar panel will not actively charge it until the battery level drops. This is normal operation.

- **Test with USB Charger:** If possible, try charging the camera directly with a standard USB power adapter to rule out an issue with the camera's charging port or battery.

7. SPECIFICATIONS

Feature	Specification
Brand	adorcam
Model Number	S2 Solar Panel
Material	Monocrystalline Silicon
Product Dimensions	4.28"L x 3.65"W x 0.09"H (108.8 x 92.8 x 2.3 mm)
Efficiency	High Efficiency
Maximum Voltage	5 Volts
Maximum Power	2 Watts
AC Adapter Current	0.3 Amps
Cable Length	9.8 feet (3m)
Connector Type	Micro USB
Color	White
Weatherproof Rating	IP65
Item Weight	1.12 pounds

8. WARRANTY INFORMATION

The Adorcam S2 Solar Panel comes with a manufacturer's warranty for 1 year from the date of purchase. Please retain your proof of purchase for warranty claims. This warranty covers defects in materials and workmanship under normal use.

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Adorcam customer service through the official Adorcam website or the contact information provided with your product packaging.

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