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› SPYPOINT SPLB-10 Solar Panel Instruction Manual

SPYPOINT SPLB-10

SPYPOINT Solar Panel for Trail Camera

Model: SPLB-10

Brand: SPYPOINT

INTRODUCTION

The SPYPOINT SPLB-10 Solar Panel is designed to provide continuous power to your trail cameras and other compatible devices, ensuring extended operation without the need for frequent battery changes. This compact, all-in-one unit combines a solar panel with an internal lithium battery, offering a convenient and reliable power solution for outdoor environments.



Image: SPYPOINT SPLB-10 Solar Panel and its packaging, highlighting its compact design and internal battery.

SETUP

Setting up your SPYPOINT SPLB-10 Solar Panel is straightforward due to its integrated design. The kit includes all necessary components for mounting and connecting to your device.

Package Contents:

- SPYPOINT SPLB-10 Solar Panel with integrated lithium battery
- Installation strap
- Mounting bracket
- 1.5mm output cable (for SPYPOINT cameras)
- USB-C to USB-C output cable
- USB-A to USB-C charging cable



Image: All components included in the SPYPOINT SPLB-10 Solar Panel kit, including cables and mounting hardware.

Installation Steps:

1. **Charge the Internal Battery:** Before initial use, ensure the internal lithium battery is fully charged using the provided USB-A to USB-C charging cable. The panel has indicator lights to show the charge status.
2. **Select a Location:** Choose a location that receives ample direct sunlight throughout the day for optimal charging performance. Ensure the panel is free from obstructions like branches or leaves.
3. **Mount the Panel:** Use the included installation strap or mounting bracket to securely attach the solar panel to a tree or other stable surface. The versatile mounting options allow for precise positioning to maximize sun exposure.
4. **Connect to Device:** Connect the appropriate output cable (1.5mm for SPYPOINT cameras or USB-C for other devices) from the solar panel to your trail camera or device.

BUILT-IN BATTERY
REPLACES UP TO
1,000
AA BATTERIES



Image: The SPYPOINT SPLB-10 Solar Panel mounted on a tree, connected to a trail camera, demonstrating a typical outdoor setup.



Image: A close-up view of the SPYPOINT SPLB-10 Solar Panel mounted on a tree, showing its discreet profile.

Installation Video:



Video: Official SPYPOINT video demonstrating the setup and features of the SPLB-10 Solar Panel for Trail Cameras.

OPERATING

The SPYPOINT SPLB-10 is designed for efficient and reliable power delivery. Its primary function is to harness solar energy to keep its internal lithium battery charged, which in turn powers your connected devices.

- **Solar Charging:** The solar panel continuously converts sunlight into electrical energy, charging the integrated lithium battery. This ensures your trail camera or other devices receive a steady power supply, significantly extending their operational life.
- **Onboard Battery:** The built-in lithium battery acts as a power reservoir, providing power even during periods of low light or at night. This eliminates the need for frequent battery replacements in your trail camera.
- **Multi-Unit Compatibility:** Beyond trail cameras, the SPLB-10 offers versatile power outlets. It provides 12V output for trail cameras and also includes 9V and 6V power outlets, making it compatible with a wide range of outdoor electronic devices, such as deer feeders.

MAINTENANCE

To ensure optimal performance and longevity of your SPYPOINT SPLB-10 Solar Panel, regular maintenance is recommended.

- **Keep Clean:** Periodically inspect the solar panel surface for dirt, dust, leaves, or other debris. Clean the panel gently with a soft, damp cloth to ensure maximum sunlight absorption. Avoid abrasive materials or harsh chemicals.
- **Check Connections:** Regularly verify that all cables and connections are secure and free from damage. Loose connections can interrupt power flow.
- **Monitor Exposure:** Ensure the panel remains in a location with consistent direct sunlight. Over time, vegetation growth or changes in the environment might reduce sun exposure, impacting charging efficiency. Adjust the panel's position if necessary.
- **Weather Resistance:** The unit is IP66 weather-resistant, designed to withstand various outdoor conditions. However, during extreme weather events (e.g., severe storms, heavy snow), consider temporarily relocating the panel if possible to prevent potential damage.

TROUBLESHOOTING

If you encounter issues with your SPYPOINT SPLB-10 Solar Panel, consider the following common troubleshooting steps:

- **Device Not Powering On/Charging:**
 - Verify the solar panel is receiving sufficient direct sunlight.
 - Check all cable connections between the solar panel and your device to ensure they are secure.
 - Ensure the internal battery of the solar panel is charged. If not, charge it via USB-C.
 - Confirm that the correct voltage output (12V, 9V, or 6V) is being used for your specific device.
- **Reduced Charging Efficiency:**

- Clean the solar panel surface to remove any dirt, dust, or obstructions that might be blocking sunlight.
 - Re-evaluate the panel's placement to ensure it receives maximum direct sunlight throughout the day, especially during peak sun hours.
 - Check for any new shading from growing vegetation or seasonal changes.
- **Physical Damage:**
 - Inspect the panel and cables for any visible signs of damage. If damage is found, contact SPYPOINT support for assistance.

If problems persist after following these steps, please refer to the Warranty and Support section for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	SPLB-10
Max Power	5 W
Battery Capacity	7.5 Ah, 27.75 Wh (Lithium Ion)
Input Voltage	5 V / 2 A (USB-C)
Output Voltage	12 V / 1.5 A (also 9V and 6V outlets)
Weather Resistance	IP66
Item Weight	1.13 pounds
Product Dimensions	8.86 x 2.68 x 8.58 inches
Material	Tempered Glass, Aluminum, Monocrystalline Silicon

WARRANTY AND SUPPORT

The SPYPOINT SPLB-10 Solar Panel comes with a**2-year warranty**, ensuring peace of mind regarding its quality and performance.

For detailed warranty information, technical support, or any inquiries not covered in this manual, please visit the official SPYPOINT website or contact their customer service directly.

Official SPYPOINT Store: [SPYPOINT Amazon Store](#)

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