



FOLDING SOLAR PANEL



INSTRUCTION MANUAL

TACTACAM.COM



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INTRODUCTION

IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS

SAVE THESE INSTRUCTIONS

IMPORTANT: Charge this solar panel with the included USB-C charging cable for a minimum of 4 hours before use.

Congratulations on your purchase of the REVAL FOLDING SOLAR PANEL. We truly value your business and strive to provide you with top-quality customer service. Check out our other products at www.tactacam.com.

The REVEAL FOLDING SOLAR PANEL is compatible with the following REVEAL trail cameras: Ultra, Pro 3.0, X-Gen 3.0, X-Pro, X-Gen 2.0, XB/SK, X, and Gen 1.

This solar panel may be used with devices other than TACTACAM trail cameras; if you do so, please carefully check your product manual and contact your device supplier to ensure compatibility before connecting. TACTACAM assumes no responsibility for any damage that may occur due to the improper use of this product.

GET TO KNOW YOUR SOLAR PANEL

WHAT'S INCLUDED

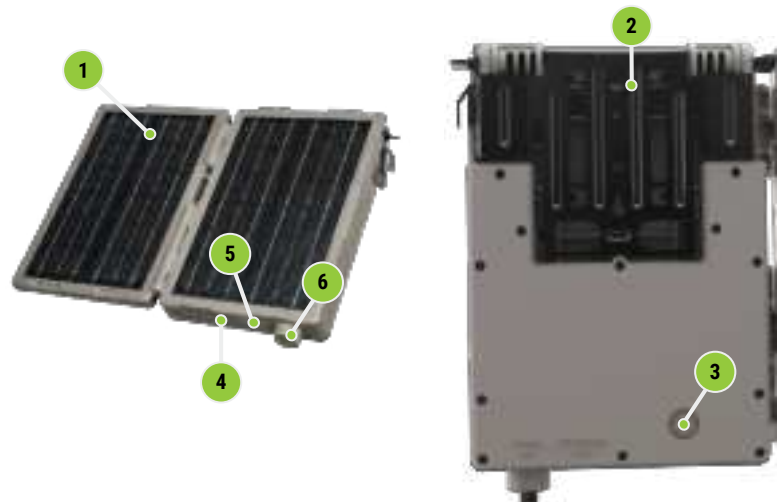
- 1 Solar Panel
- 2 USBC Cable
- 3 Mounting Strap
- 4 Output Cable



SOLAR PANEL ANATOMY

- 1 Solar Panel
- 2 Mounting Bracket
- 3 Battery Level Indicator button
- 4 Battery Light
- 5 Type-C Charging Port
- 6 DC Outlet

**The side that connects with the power cable should be mounted face down to prevent water ingress from rain.*



OTHER CAMERA ACCESSORIES (NOT INCLUDED)



SD Card



Lockable Security Box



T-Post Mount



Lithium Cartridge



Adjustable Camera Stake

VIEW AND PURCHASE ALL ACCESSORIES AT TACTACAM.COM

GENERAL FEATURES

High-efficiency power supply: This solar panel converts solar energy into electrical energy and stores it to the internal lithium battery, creating a long-term power solution to keep your cameras running.

Safe and reliable: This panel is designed with short-circuit protection, over-charge protection, and over-discharge protection, which will help protect the battery and its long-term performance.

Environmental protection, energy conservation: Powered by zero-emission, environmentally friendly green solar energy.

Water-resistant and durable: Rugged IP 66 water-resistant design suitable for outdoor use.

Easy to use: Comes with a built-in, sturdy, adjustable, and easy-to-use mount, making it easy for you to install in a location with direct sunlight.

Battery Indicator: Press the button located on the back of the solar panel and the green LEDs will indicate the approximate power remaining.

4 LEDs = 76-100%; 3 LEDs = 51-75%; 2 LEDs = 26-50%; 1 LED=1-25%.

APPLICATION / SPECIFICATIONS

APPLICATION

Back-up power supply for uninterrupted operation of electronic devices such as trail cameras and security cameras.

SPECIFICATION

Electrical	Input voltage/current	USB-C Input:5V 2A
	Output voltage/current	12V/1.5A
	Built-in Lithium-ion battery	7.2V/4900 mAh
	Solar Panel Output Power	7.2W
	Charging time	6.5h(Using Solar Light) 3-5h(Using AC Adapter)
	Output Plug	5.5mm×2.1mm

Dimensions	Depth	22.7mm
	Width	126.7mm
	Height	182.7mm
	Weight	341g
	Mounting	Adjustable bracket
	Operating Temperature	4~+140°F/-20 ~+60°C
	Operation Humidity	5% ~ 95%

MOUNTING / OPERATING

MOUNTING

1. Adjust the angle of the mounting bracket so that the solar panel faces the sun. Generally, in the Northern Hemisphere, this means the panel faces south. However, please note the ideal orientation depends on the specific site location. The mounting bracket is 30-degree, 60-degree, and 90-degree adjustable.

2. Attach the solar panel to a tree with the included 1.7m strap.

NOTE: The side of the panel that connects with the power cable must face down to prevent water ingress from rain.



CONNECTING

Plug one end of the power cable into the output socket (on the right side of the solar panel), and plug the other end into your TACTACAM REVEAL trail camera. If the inner lithium battery is charged, the camera will be immediately powered.

ATTENTION:

If this solar panel is connected to a TACTACAM REVEAL camera, it is strongly recommended that batteries be installed in the camera even when the camera is connected to the solar charger. Otherwise, the camera may stop operating due to a power shortage. During intensive use of the camera, the solar charger may not charge the camera fast enough, hence the need for backup AA batteries or a REVEAL Lithium Cartridge.

The solar panel should NEVER be used in a parallel connection with any other power sources. Please note that the warranty does not cover any damage resulting from incorrect use.

CHARGING

It is important to completely charge the solar panel at least 4 hours using the included USB-C charging cable before operating. The charging indicators will illuminate as it charges. Green flashing lights mean the solar panel is actively charging. When all four lights turn solid green, the solar panel is fully charged.

NOTE: Please fully charge the battery at least once every 3 months to optimize battery life and performance.

PRECAUTIONS

1. Do not scratch the surface of the solar panel.
2. Use the provided cable for charging. Please do not use a low-quality charging cable or wall charger, or any other cable or wall charger/adaptor that is not compatible. Doing so could damage the solar panel.
3. If a short circuit protection event occurs, unplug the solar panel and place it in sunlight for 10 seconds. It should then resume normal operation. Another method is to use the AC adapter to charge and activate the solar panel.
4. Do not clean the solar panel with volatile liquids such as solvents, cleaning fluids, or strong detergents. Just use a damp soft cloth.
5. Do not drop the solar panel.
6. Do not attempt to disassemble or open the solar panel. This could cause serious damage to the device and will void the warranty.
7. Do not expose the solar panel to extreme heat, such as leaving it on a car dashboard in hot weather.
8. Keep the solar panel away from fire.
9. When not in use, please disconnect the solar panel from power sources.

FCC REGULATIONS

FEDERAL COMMUNICATIONS COMMISSION - PART 15



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**DO NOT RETURN
THIS PRODUCT TO
YOUR RETAILER**

For warranty issues or for
customer support:

CALL **218-282-5650** | EMAIL SUPPORT@TACTACAM.COM

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