REVEAL
CELLULAR CAMERA
TACTACAM



R5 POWER BUNDLE INSTRUCTION MANUAL

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INTRODUCTION

Congratulations on your purchase of the REVEAL R5 Power Bundle. We truly value your business and strive to provide you top customer service. Check out our other products on our website at Tactacam.com.

The Reveal Solar Panel R5 is an external power supply device with a built-in battery. The solar panel converts the sun's energy to electricity, which is then stored in the built-in rechargeable battery. This solar panel is durable, waterproof, and easy to use.

The REVEAL R5 Power Bundle is intended for Reveal Pro 4.0 or Reveal X 4.0 Cameras.

If you use this solar panel with devices other than the Tactacam trail cameras, 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 happen with the improper operation of this product.

Must charge this solar panel and FlexPack with the included USB-C charging cable for a minimum of 4 hours before use.

Important safety instructions. Read and follow all Instructions. Save these Instructions.

QUICK START GUIDE

FULLY CHARGE YOUR SOLAR PANEL R5 AND FLEXPACK R5 BEFORE DEPLOYING IN THE FIELD.

FOR BEST RESULTS WE RECOMMEND ONCE YOUR SOLAR PANEL R5 IS FULLY CHARGED, PLUG THE SOLAR PANEL INTO THE CAMERA BEFORE YOU TURN THE CAMERA ON.

HOW TO CHARGE:

1. Ensure battery and charging cable are in good condition:
    a. Inspect the battery for any visible damage or swelling. If damaged, do not charge it and dispose of it properly.
    b. Inspect the charging cable for any frayed wires or defects.
2. Connect the battery to the charging cable's USB-C connector. Insert the other end of the cable into the adaptor port.
    a. Ensure it is securely connected.
3. Plug the charger into a power source:
    a. Connect the charging adapter to a power outlet. Ensure the outlet provides a stable power supply.
4. End charging:
    a. Once the battery reaches full charge (all LEDs are illuminated and not blinking), disconnect the battery from the charger.
5. Store battery properly after charging:
    a. If you're not using the battery immediately, store it in a cool, dry place. Avoid leaving the battery fully charged or completely discharged for extended periods, as this can reduce its lifespan.

SAFETY INFORMATION

Read Before Using!

Use only the included charging cable: Always use the supplied charging cable and a 5V, 2A+ USB-C charging adapter.

Charge in a Safe Location: Charge in a cool, dry area away from flammable materials or extreme temperatures. Do not charge the battery on a bed, sofa, or in any area where airflow is restricted.

Avoid overcharging: Overcharging can reduce battery life and pose safety risks. Do not exceed the recommended charging time or voltage.

Charge at Room Temperature: Avoid charging the battery in temperatures below 32F (0C) or above 113F (45C), as this may damage the battery or affect its performance.

Do Not Charge if Damaged: If the battery has been dropped, exposed to liquid, or shows signs of damage, do not charge it and contact the manufacturer for further instructions.

Avoid Partial Charges When Possible: Frequent partial charges can shorten the battery's lifespan over time. Whenever possible, try to charge the battery fully.

Storage: If you plan to store the battery for an extended period, it's recommended to store it at around 40-60% charge. Avoid leaving it in a fully charged or empty state for long periods.

ADVANCED INSIGHTS FOR SOLAR PANEL R5

Advanced Insights only works with a REVEAL Pro 4.0 or REVEAL X 4.0 camera connected via a barrel jack. By using the barrel jack connection between the Solar

Panel R5 and a 4.0 Camera, you can analyze and view Advanced Insights such as panel output, charging capacity, and efficiency. For more information on Advanced Insights, refer to the Solar Panel R5 User Manual.

If you do not have a 4.0 camera you will still benefit from 30% faster charging when compared to the Solar Panel V2.

GET TO KNOW YOUR R5 POWER BUNDLE

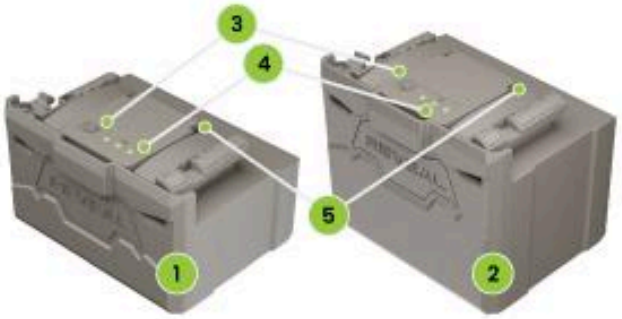
FlexPack R5:

What's Included:

- FlexPack R5
- USB-C charging cable

FlexPack Anatomy:

1. FlexPack R5
2. FlexPack R10
3. Battery Level Check Button
4. Battery Level LED Indicator
5. Camera Connection Port
6. USB-C Port
7. External Battery In/DC Port
8. 1/4-20 Accessory
9. Cord Retention Receptacle





Solar Panel R5:

What's Included:

1. Reveal Solar Panel R5
2. Charge USB-C cable
3. Barrel jack cable with retention clip
4. Tree strap

Solar Panel R5 Anatomy:

1. Solar Panel
2. Mount Support
3. Battery Level Check Button
4. Battery Level LED Indicator
5. USB-C Charge Port
6. DC Barrel Power Output Port



GENERAL FEATURES & FAQ

SOLAR PANEL R5 GENERAL FEATURES:

30% faster charging:

Larger panel surface to capture more energy

Safe and reliable:

Designed with short-circuit protection, over-charge and over-discharge protection, protecting the battery and ensuring its long-term use and reliability.

Environmental protection, energy conservation:

Use of green solar energy. Contributes to environmental protection.

Waterproof and durable:

Waterproof design suitable for outdoor use. (IP66 rating)

Easy to use:

Comes with a built in, sturdy, adjustable and easy-to-use mount, making it easy for you to put it in direct sunlight. Whenever and wherever you can.

Advanced Insights*:

Understand battery percentage, voltage, diagnostics, and more when paired with a REVEAL 4.0 via barrel jack.

Built-in backup power:

5,000 mAh internal battery keeps your camera running through nights and cloudy stretches.

Wide compatibility:

The Reveal Solar Panel R5 is suitable for Tactacam trail cameras: Pro 4.0, X 4.0, Pro 3.0, X 3.0, X-Pro, X-Gen 2.0, Reveal XB/SK, Reveal X, and Reveal Gen 1.

*Only available when paired with a REVEAL Pro 4.0 or X 4.0 connected via barrel jack.

FLEXPACK R5 GENERAL FEATURES:

Modular Power System:

Designed exclusively for the REVEAL 4.0 series trail cameras

Extended Runtime:

Stay in the field longer with reliable, long-lasting power and fewer batter swaps

Cost-Savings:

Replaces up to 1,000 disposable AA batteries for the FlexPack R5 reducing waste and saving you money

Quick-Swap Convenience:

Easy to install and remove

Durable and Weather Resistant:

Built tough to handle harsh field conditions season after season

FAQ:

Question:

Does the FlexPack R5 work with my Reveal 3.0 camera?

Answer:

The REVEAL FlexPack™ R5 only works with Reveal Pro 4.0, and Reveal X 4.0.

Question:

I'm having trouble getting the FlexPack R5 out of my 4.0 camera.

Answer:

Make sure that the camera door is open all the way when trying to get a FlexPack in or out.

Question:

How many batteries does the FlexPack R5 Power System replace?

Answer:

The FlexPack R5 replaces up to 1,000 AA batteries.

Question:

I have a Reveal Ultra, Pro 3.0 or X 3.0, will I get the Advanced Insights?

Answer:

Advanced Insights only works with a REVEAL Pro 4.0 or REVEAL X 4.0 camera connected via a barrel jack. If you do not have a 4.0 camera you will still benefit from 30% faster charging when compared to the Solar Panel V2.

Question:

If I put this in a wooded area, will the Solar Panel still work?

Answer:

We recommend placing the Solar Panel R5 in an area that receives at least 4 hours of sunlight per day for optimal performance.

Question:

Will the Reveal Solar Panel R5 charge my AA batteries?

Answer:

No, the Solar Panel R5 will not charge FlexPacks or lithium cartridges. The Solar Panel R5 first uses the solar panel battery before using an internal power source.

SPECIFICATIONS

SOLAR PANEL R5:

APPLICATION

Back-up power supply for uninterrupted operation for electronic devices.

Electrical:

Input Voltage/Current(USB-C Port)	5V/3A
Output Voltage/Current (USB-C port) only work with X4.0 and Pro4.0	5V/3A
Output Voltage/Current (DC Barrel)	12V/2A: Gen 2 7.4V/3A: Gen 3/Pro 3/Defend Cam/Cabela/X 4.0/Pro 4.0 5V/3A: USB-C interface devices
Lithium-Ion Battery	5,000 mAh
Solar Panel	12.24V, 4.2W
Solar Energy Conversion Efficiency	21%
Charging Time	50-120 hours using solar light TBD 3.5 hours using the AC adapter TBD
Output Plug	DC Barrel and USB-C

Dimensions:

Depth	32.5 mm

Width	149 mm
Height	203 mm

Mounting	Adjustable bracket
Operating Temperature	4~+140°F/-20 ~+60°C
Operation Humidity	5-95%

FLEXPACK R5:

Electrical:

Lithium-Ion Battery	5,000 mAh @7.2V Lithium battery (2 x 21,700 cells)
Charging time	When using a 5V 3A source, roughly 3.5 hours

Dimensions	94 x 52 x 71 mm
Weight	9 oz

Operating Temperature	4~+140°F/-20 ~+60°C
Operation Humidity	5%-95%

PRECAUTIONS

1. Do not scratch the surface of the solar panel with a sharp object.
2. Only charge using the included USB-C cable. To avoid damage, do not use a low-quality power adapter.
3. In the event of a short circuit, unplug the short circuit load and place the panel in sunlight for 10 seconds. Alternatively, charge the panel using the USB-C cable.
4. Do not clean the solar panel with volatile liquids such as solvents, cleaning fluids, or strong detergents. Use a damp, soft cloth.
5. Do not drop the solar panel.
6. Do not attempt to disassemble or service 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 panel away from fire.
9. Only use this device with the recommended power sources.
10. When not in use, disconnect the panel from any power source.

Limited Warranty

How Long Does Tactacam Warranty Coverage Last?

1. One year from customer receipt of product.

What is Covered?

1. This limited warranty covers manufacturer defects in materials and workmanship including but not limited to:
    a. Defective buttons
    b. Cracked/chipped glass lens
    c. Broken SD card spring mechanism
    d. Broken USB port
2. Covered cameras will either be repaired by a certified camera technician or replaced.

What is Not Covered?

1. This limited warranty does not cover any damage caused by the owner modifying, attempting to fix, or otherwise altering the product.

This limited warranty excludes damage caused by people or animals, including but not limited to: antenna, strap, fresnel lens, glass lens, or camera housing. If damage to the camera is caused by the owner or animal, contact customer support for repair options that retain warranty coverage.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC 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 experience radio/ TV technician for help

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.

FlexPack R5: CAUTION: Risk of fire and burns. Do not open, crush, heat above (45C (113F) while charging or 60C (140F) while discharging) or incinerate. Follow manufacturer's instructions.

Solar Panel R5: CAUTION: Risk of fire and burns. Do not open, crush, heat above (45C (113F) while charging or 60C (140F) while discharging) or incinerate. Follow manufacturer's instructions.


REVEAL
AMERICA'S #1
TRAIL CAMERA BRAND
BY TACTACAM