



PRO 4.0 SOLAR INSTRUCTION MANUAL

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GETTING STARTED

1. Charge the FlexPack – Fully charge the FlexPack R5 5,000 mAh battery using the supplied USB-C charging cable. When charging is complete, reinstall the FlexPack R5.
 - a. NOTE: The camera door must be opened all the way to get the FlexPack R5 Power System out.
2. Power Connection – Insert the Solar Panel Cable barrel jack into the 12V DC power port located on the bottom of the FlexPack R5. Secure the connection by threading the retention clip screw into the camera housing.
3. Cable Management – Route the solar panel cable through the groove on the left side of the camera back. Ensure the cable is positioned away from the antenna to avoid interference.
4. Setting Up Account – Refer to the Account Setup and Camera Activation section.
5. Power On & Activate Camera – Refer to the SETTING UP CAMERA section.

SETTING UP THE CAMERA

- Access the Power Button: The Power Button is located below the LCD screen
- Power On: Press the ON button. The camera will automatically begin searching for the strongest cellular carrier signal. During the search, the signal strength indicator bars will scroll. When complete, the signal bars will stay lit.
- Optional – Install a class 10 U3 SD card

Notes:

- No SIM card is needed; an internal SIM is preinstalled.

- If using an SD card, the only acceptable card brands are Tactacam, Lexar, and SanDisk.
- If the camera is switched to work mode before the carrier search is complete, the carrier search will continue. In 1 to 3 minutes, the search will be complete and the camera will be active in work mode.

Tips for Mounting & Positioning in the Field

- To maximize battery life, ensure the solar panel has an unobstructed view of the southern sky.
- Mounting Camera & Solar Panel Together: Keep the solar panel attached directly to the camera for a compact, all-in-one setup. Best for locations with direct overhead sunlight.
 1. The solar panel and solar mount will come preinstalled on your Pro 4.0 Solar.
 2. Adjust the angle of the solar panel using the dial on the back.
 3. For best mounting practices, we recommend using a short power cable and a tree strap to mount your Pro 4.0 Solar.
 4. The camera mount will attach directly to the solar panel mount.
 5. Use the provided retention clips to hold the power cable to the camera
 6. NOTE: If you are mounting the camera & solar panel together, you will NOT need to use the extended cable or a second tree strap.
- Mounting Camera & Solar Panel Separate: If your camera is placed in the shade (under a thick canopy or on the north side of a tree), remove the solar panel, solar mount, and tree mount as a single unit.
 1. The solar panel and solar mount will come preinstalled on your Pro 4.0 Solar.
 2. To remove the solar panel mount, lift the retention clip and slide the mount down towards the battery pack.
 3. Attach the camera mount directly to the back of the camera.
 4. If you need to remove the camera mount, lift the tab on the bottom of the mount and slide the mount down.
 5. To mount the camera, use 1 tree strap.

6. Use the extended power cable to attach the camera to the solar panel.
7. Use 1 tree strap to mount the solar panel using the solar panel bracket.
8. NOTE: We recommend moving the solar panel to a sunnier spot - ideally facing True South.

On-Screen Settings

Pro 4.0 allows you to control your camera settings directly on the screen. Use the keypad to navigate left, right, up, down, and enter. For best results, we recommend leaving the camera settings in factory default.

Connecting to Wi-Fi

1. Turn your REVEAL LCD screen on by pressing the Power button.
2. The camera is ready to pair with your phone or tablet when the Wi-Fi icon on the LCD screen flashes.
3. In the app, go to the Account page and click Connect to REVEAL Wi-Fi.
4. Follow the in-app instructions. You can also manually connect in your phone's Wi-Fi settings: select REVEAL and enter the password (Reveal2021). The password is case sensitive with no spaces.
5. See the image preview on screen.
 - a. The red line on preview is the point of focus.
 - b. To send a test picture, press the Enter button on the camera.

Remotely Change the Camera Settings from the App

From the Camera page, click beside the camera name then tap Camera Settings. Make sure to select Apply All Settings when done to save your changes.

Note: You can customize how often your camera syncs with the app to update its settings. Navigate to Settings > Settings Check and choose one of the following:

- Daily: Syncs once every 24 hours, which is best for maximizing battery life.
- Instant: Syncs continuously, which is most responsive, but consumes the most battery.
- Hybrid: After a photo is sent to the app, the camera remains active for 5 minutes to check for any pending setting changes. This is the ideal balance of speed and efficiency.
- Live View Mode*: Camera settings are changed within minutes of being adjusted in the app and are always available for Live View.
 - *Additional subscription required

Sending a Test Picture

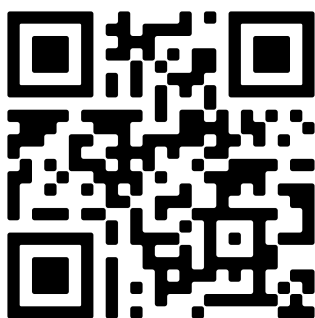
1. Allow the camera to connect to 4G signal. Your signal strength will be displayed on the screen.
 - a. Once activated, the camera will search for a signal. Watch the status indicator transition from searching to displaying your current signal strength.
 - b. After the camera has connected, push the Enter button to send a picture.
 - c. When your test picture has been sent successfully, a notification message is displayed on the REVEAL screen.
 - d. If your test picture does not send, a send failure message will display on the REVEAL screen.
2. Ensure your phone has a stable signal, then verify that a motion-triggered photo is delivered to your app. Transmission can take a few minutes depending on local network speeds.

Finalizing Your Field Setup

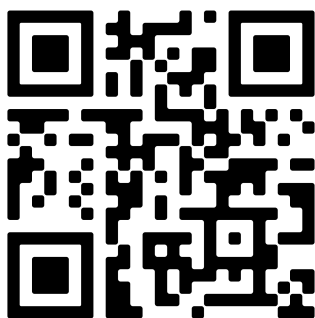
1. Optimize the View: Use the camera screen or the Wi-Fi live stream to confirm the camera is aimed at your desired focal point.
2. Ensure a Weatherproof Seal: Carefully wipe down the weatherproof seal to remove any dirt or debris. A clean seal is essential for keeping moisture out of the housing.
3. Enter Work Mode: Press the left navigation arrow to enter work mode, or wait a moment for the camera to arm itself automatically. Once in work mode, the camera is active and ready to capture and transmit photos.
4. Confirm Transmission: Before leaving the area, ensure your phone has service and verify that a motion-triggered photo is sent to the app. This may take a few minutes.

Account Setup and Camera Activation

- Create Your Account: Visit account.revealcellcam.com to set up your REVEAL account and select a data plan that best suits your needs.
- Download the App: Search for Tactacam REVEAL in the Apple App or Google Play stores and log in with your new credentials.
- Activate Your Camera: Open the app and tap the navigation in the top-left corner. Select +Activate a New Device and follow the on-screen prompts to sync your camera.
 - Scan: Open the camera door (tilt the solar panel upward if needed to access the door). In the app, select “add device” and scan the QR code located on the inside of the door. The app will guide you through selecting a data plan and naming your camera.

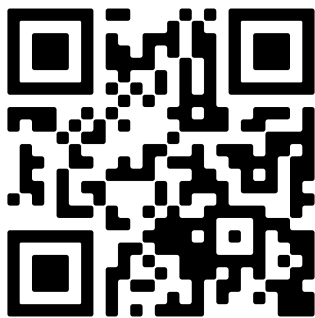


Scan Here to Set Up Account



Scan to Download Reveal Mobile App

Additional Resources



Scan QR Code for Additional Resources:

- Full instruction manual
- Instructional video tutorials
- Customer service options
- FAQs

Get to Know Your Pro 4.0 Solar:

What's in the Box

- Pro 4.0 Solar Camera
- FlexPack R5 5,000 mAh battery
- Solar Panel
- Solar Mount
- Tree Mount
- 2 Tree Straps
- Barrel Jack Extension Cable (6ft)
- USB-C to USB-C charging cable (3ft)

REVEAL Pro 4.0 Solar Anatomy:

- 1 PIR Motion Sensor
- 2 IR LEDs
- 3 Day Camera Lens
- 4 Night Camera Lens
- 5 Folding Antenna
- 6 Microphone
- 7 Solar Panel
- 8 FlexPack R5



- 8 FlexPack R5*
- 9 Main Camera Housing
Upper unit contains lens and sensors
- 10 Camera Side Door Latch
MUST be OPEN to insert/remove battery
- 11 Power Button
- 12 Enter Button
- 13 Display Screen
- 14 Navigation Arrows
- 15 Reset Button
- 16 Solar Panel Cable Connection
- 17 Solar Panel Knob/Dial
- 18 Solar Panel Mount
- 19 Camera Side Door
- 20 Cable Clips
- 21 Camera Mount
- 22 Tree Strap Holes
- 23 Cable Lock Holes
- 24 Camera Mount Release Clip
- 25 Camera Mount Adjustment Knobs
- 26 Bottom of Main Camera Housing
- 27 SD Card



**Slide-in connection: with the camera door open, align the FlexPack R5 with the bottom of the main camera housing and slide until flush.*

GENERAL FEATURES:

The REVEAL Pro 4.0 Solar is the ultimate all-in-one, easy-to-use cellular trail camera, built for hunters who demand nonstop reliability in the field. This camera system comes with everything you need for long-lasting, self-sustaining power to keep you connected long-term.

The REVEAL Pro 4.0 Solar includes everything a hunter needs, including a Pro 4.0 Camera, FlexPack R5, solar panel, and included mounts. With on-demand video*, simultaneous photo and video capture, Live View Mode*, and built-in GPS, the Pro 4.0 Solar ensures you never miss a moment. Dual Image Sensors also deliver silent photo captures and are optimized for improved daytime and nighttime images. Plus, the integrated solar panel keeps the included FlexPack R5 powered throughout all seasons.

Designed to perform in any environment, the REVEAL Pro 4.0 Solar integrates seamlessly with the REVEAL App. It's the dependable, solar-powered scouting solution for hunters who want more performance and less maintenance.

*Additional subscription required

- All-in-One Solar Power System: Solar panel and FlexPack R5 5,000 mAh rechargeable battery keep your camera running continuously in the field
- Exceptional Clarity: Our best image and video quality ever
- New REVEAL FlexPack™ Power System: The rechargeable FlexPack R5 5,000 mAh battery pack provides maximum runtime
- Live View Mode*: See the action as it unfolds
- Dual Image Sensors: For silent photo captures and improved daytime and nighttime images

- Simultaneous Photo and Video: Zero delay between photo and video trigger
- 4K Photo + 1080p Video: Capture every detail with vivid clarity
- Improved Low-Light Performance: Get brighter, clearer night images with enhanced technology
- Built-In GPS: Locate and manage your cameras with confidence and accuracy
- Auto-Carrier Selection: Automatically connects to the strongest available cellular network
- Rugged, Field-Ready Design: Simple to set up, reliable in any condition, and backed by the proven REVEAL App

*Additional Subscription required

FAQs:

Question:

Why can't I get the FlexPack Modular Battery System out of the camera?

Answer:

The camera door must be opened all the way to get the FlexPack R5 or R10 power system out.

Question:

Can I use an older lithium cartridge with the REVEAL Pro 4.0 Solar?

Answer:

No. You must use the included FlexPack R5 modular battery or upgrade to the FlexPack R10.

CAMERA SETTINGS/SPECIFICATIONS

Camera Mode	Photo, Photo+Video
Day/Night Mode	Daytime: Color; Nighttime: B+W
IR Range	96 ft
PIR Angle	45 degrees
Flash	Low-glow IR, No-glow IR
Operating Key (2)	1 x Power button, 1 x Enter button, navigation arrows
Lens	F=6mm; F/No=2.0; FOV=60° Auto IR-Cut-Remove (at night)
SD Card (optional)	Class 10, U3, 16GB-32GB, minimum 90MB/Sec
Picture Format	JPEG
Video	MP4
Trigger Speed	<0.3s
SD Card Loop	On/Off
Battery	12xAA cartridge; and/or optional external power source
External DC	12V-2A
Request HD Photo & Video via 4G	Thumbnail sent to app
Upload Frequency/Send Type	Instantly, once, twice, or four times daily
4G Communications	LTE

4G Antenna	1 external, SMA threaded
Device Serial No.	Yes
Interface	LTE, USBc, Wi-Fi and SD card
Mounting	Strap (included) Tree Mount, or Camera Stake (not included)
Operating Temperature	Min: -13F/-25C Max: 130F/54.4 C
Operation Humidity	5- 90%
Waterproof Rating	IP66
Dimensions	98 x 105 x 137 mm
Weight	About 1 pound
Certification	FCC, WEEE, Prop 65

How to Use Live View Mode*:

- *Additional subscription required; visit Tactacam.com to learn more
- Camera must be set to Live View Mode
- Enter Live View directly from the camera's main menu
- Once in Live View, tap the play icon to begin your real-time stream

POWER SETTINGS/SPECIFICATIONS

Battery	5000 mAh
Solar Panel	1.4 W
External	DC Barrel Jack

BEST PRACTICES

Proper Camera Placement

1. Location and placement are critical for optimal camera performance.
2. Avoid hanging the camera on small trees that are prone to moving with the wind.
3. Place the camera about waist high on the tree or post.
4. Point the camera down by about 7-15 degrees.
5. Position the camera to face north for the best lighting; aiming the camera at the sun will distort images.
6. If the camera is placed too high on a tree and angled down at an angle exceeding 15 degrees, the field of view narrows. Only do this if you plan to set your camera to watch a bait station, scrape, or to place it out of reach of wildlife.
7. When aiming at a food plot, try to get the widest field of view. Do not place the camera too high. When aiming at a trail, place the camera looking up or down the trail instead of perpendicular to the trail.

Power Management and FlexPack Maintenance

1. FlexPack Installation and Safety:
 - Door clearance: Ensure the door is completely open before ejecting or inserting the FlexPack to avoid damaging the locking mechanism or weather seal
 - Battery Consistency: Never mix old and new batteries, and do not combine different types (alkaline, lithium, or rechargeable).
 - Correct Polarity: Double-check that all batteries are installed correctly following the (+) and (-) indicators.

- **Long-Term Storage:** Always remove dead batteries and remove all batteries if the camera is to be stored for an extended period.

FlexPack Ecosystem

2. The FlexPack R5 is the hub of your power setup. When connected to a REVEAL solar panel, the system will intelligently manage and charge your FlexPack R5 and REVEAL Battery Belt.

Pro Tip:

For the best results, ensure that your FlexPack R5 is charged to 100% via USB-C before deploying the camera in the field.

SAFETY INFORMATION

Read Before Using!

Use only the included charging cable:

Always use the supplied charging cable and a 5V, 2A+ USB-C charging cable.

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.

Charging Tips

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 Tactacam Customer Service for further instructions.

Avoid partial charges:

Frequent partial charges can shorten the battery's lifespan over time. Whenever possible, fully charge the battery.

Storage:

If you plan to store the battery for an extended period, do so at a 40–60% charge. Avoid leaving it in a fully charged or empty state for long periods.

TROUBLESHOOTING FAQs

Question:

Why does my camera send pictures of nothing?

Answer:

Motion sensors (PIR sensors) are actually heat and motion sensors. This is why users may get false triggers on a hot and windy day. Keep in mind that people and animals are not the only objects that will trigger your camera—vegetation and precipitation can act as a moving target as well.

If you get pictures without animals:

1. Be sure to clear any low-hanging tree branches, brush, and weeds from the field of view for up to 10 yards in front of the camera.
2. Adjust your motion sensitivity settings:
 - a. To start, set motion sensitivity to High, and decrease sensitivity if you get too many false triggers. In the motion sensitivity settings, 9 is highest and 1 is lowest.

Question:

How can I maximize the night vision flash range and image clarity?

Answer:

Follow these recommended steps:

1. Check to make sure that batteries are fully charged.

2. "Max Range" offers better IR flash range. IR flash range values are based on max range setting; adjust Night Mode to Max Range for better night vision flash range. Low Glow provides better range than No Glow.
3. Including features such as trees, walls, and the ground within flash range can help provide better night time images. Avoid aiming the camera in an open field where there is nothing to reflect the IR flash back.

Question:

What can I do to prevent theft or damage to the camera?

Answer:

Use a protective security box, which can be found at www.tactacam.com/hunt-accessories.

Question:

Why won't my camera take pictures?

Answer:

Follow these recommendations if you aren't seeing images even though there is activity in front of your camera:

1. Make sure that the SD card is not full. If the SD card is full, the camera will stop taking images. Users can turn on SD Loop to avoid such problems. This will cause the SD card to overwrite older images.
2. Make sure your FlexPack R5 has enough battery to power your camera.
3. Format the SD card with the camera before using or when the camera stops taking images.
 - a. Open your REVEAL App
 - b. Click Cameras
 - c. Select the desired camera
 - d. Go to Format Camera Storage to clear the internal memory and/or SD card

Question:

Why is there condensation in the camera or inside the lens?

Answer:

This REVEAL camera has an IP66 waterproof rating. This means the camera is water resistant against powerful jets. The only way the REVEAL can get condensation in or behind the lens is if the antenna is not screwed in all the way or if there is dirt or debris on the seal. If your camera has internal condensation, follow these instructions:

1. Pull the SD card out and let the camera sit open for 3-4 days in an area where there is circulating air (such as in front of a fan or vent).
2. Put the camera in a sealed container with uncooked rice for 24 hours to draw out the moisture.
3. Clean the seals and tighten your antenna.
4. Ensure your camera is working properly and is sending photos.
5. Place the camera back out in the field.

Question:

What should I do if my camera was submerged in water?

Answer:

Follow these steps:

1. Do not open the camera right away.
2. Be sure to dry the outer housing of the camera to prevent water from entering the camera and causing internal damage.
3. Once the outer housing of the camera is completely dry, inspect the camera for any visible damage. If the lens is foggy after you turn the camera back on, there is condensation in the camera or inside the lens.
 - a. If your camera has internal condensation, follow these instructions:

- i. Pull the SD card out and let the camera sit open for 3-4 days in an area where there is circulating air (such as in front of a fan or vent).
 - ii. Put the camera in a sealed container with uncooked rice for 24 hours to draw out the moisture.
 - iii. Clean the seals and tighten your antenna.
4. Ensure your camera is working properly and is sending photos.
5. Place the camera back out in the field.

LIMITED WARRANTY

How Long Does This 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.
2. This limited warranty excludes damage caused by people or animals, including but not limited to: antenna, strap, fresnel lens, glass lens, or camera housing.
 - a. If damage is caused to the camera by the owner or animal, contact customer support for repair options to 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 experienced 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 Power System:  CAUTION: Risk of fire and burns. Do not open, crush, heat above (45C (113F) while charging/ 60C (140F) while discharging) or incinerate. Follow the manufacturer's instructions.

UNMATCHED BATTERY LIFE

4.0

REVEAL
AMERICA'S #1
TRAIL CAMERA BRAND
★★★★★
BY TACTACAM

UNMATCHED VALUE

4.0