

TACTACAM Reveal X Gen 2.0

Tactacam Reveal X Gen 2.0 LTE Cellular Trail Camera & External Solar Panel User Manual

Model: Reveal X Gen 2.0 | Brand: TACTACAM

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Tactacam Reveal X Gen 2.0 LTE Cellular Trail Camera and its accompanying External Solar Panel. Designed for outdoor surveillance and wildlife monitoring, this system offers remote connectivity and reliable performance in various environmental conditions. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The Tactacam Reveal X Gen 2.0 is a cellular-enabled trail camera capable of capturing high-resolution images and videos. It features instant cellular connectivity, allowing for remote monitoring and data retrieval via a dedicated mobile application. The included external solar panel provides a sustainable power source, extending battery life and reducing the need for frequent battery changes.



Image: The Tactacam Reveal X Gen 2.0 Cellular Trail Camera (left) shown alongside its External Solar Panel (right). The camera is a compact, rugged device with an antenna, lens, and display screen. The solar panel is a flat, rectangular unit designed to capture solar energy.



Image: The Tactacam Reveal X Gen 2.0 Cellular Trail Camera securely mounted to a tree trunk using a strap. The camera's antenna is visible, and the device is positioned to monitor the surrounding area.



Image: The Tactacam External Solar Panel mounted on a tree trunk. The solar cells are visible, designed to capture sunlight and provide power to the connected trail camera.



Image: A person holding the Tactacam Reveal X Gen 2.0 Cellular Trail Camera in their hands, demonstrating its compact size and portability. The camera's antenna is extended.

SETUP GUIDE

1. **Battery Installation:** The Reveal X Gen 2.0 requires 8 AA batteries (not included). Open the battery compartment and insert the batteries, ensuring correct polarity. For optimal performance, use high-quality alkaline or lithium batteries.
2. **SD Card Insertion:** Insert a Class 10, U3 SD card (16GB-32GB recommended, not included) into the designated SD card slot. Ensure the card is formatted before first use.



Image: A person's hands are shown inserting a battery pack into the open compartment of the Tactacam Reveal X Gen 2.0 camera, which is mounted on a tree. The SD card slot is also visible.

3. **Download the Tactacam REVEAL App:** Download the official Tactacam REVEAL app from your smartphone's app store (available for Android and iOS).
4. **Account Creation & Camera Activation:**
 - Open the app and create a new account or log in to an existing one.
 - Follow the in-app instructions to add your Reveal X Gen 2.0 camera. This typically involves scanning a QR code on the camera or manually entering its serial number.
 - Select your preferred cellular carrier (AT&T or Verizon networks supported) and activate a data plan through the app.
5. **Mounting the Camera:** Securely mount the camera to a tree or post using the provided strap. Position the camera at an appropriate height and angle to capture the desired area. Ensure it is stable and not prone to movement from wind or wildlife.
6. **Mounting the Solar Panel:** Mount the external solar panel in a location that receives maximum direct sunlight throughout the day. Connect the solar panel's power cable to the camera's external power input port. This will help maintain battery charge and extend operational time.



Image: A person is shown adjusting the Tactacam Reveal X Gen 2.0 camera and its connected solar panel, both mounted on a tree. The solar panel is positioned above the camera to maximize sun exposure.

7. **Initial Power On:** Once batteries and SD card are in place, and the camera is mounted, power on the camera. The camera will attempt to connect to the cellular network. Monitor the signal strength indicator on the camera or via the app.

OPERATING INSTRUCTIONS

- **Remote Monitoring via App:** The Tactacam REVEAL app is your primary interface for controlling and monitoring the camera.
 - **View Gallery:** Access captured photos and videos directly from the app. Images are transmitted to your account in near real-time.
 - **Adjust Settings:** Remotely modify camera settings such as photo resolution (up to 16 MP), video capture resolution (1080p), trigger delay, detection sensitivity, and operating modes (e.g., photo, video, hybrid).
 - **Check Status:** Monitor battery level, cellular signal strength, SD card capacity, and camera temperature.
- **Trigger Speed and Detection:** The camera features a fast 1/25 sub-second trigger speed to capture fast-moving subjects. It has a 96+ ft detection range.
- **Night Vision:** Equipped with low-glow IR technology, the camera captures clear images and videos in low-light conditions without spooking wildlife.
- **Hybrid Mode:** Utilize the newly developed hybrid mode for optimized communication and improved battery life. Refer to the app for specific configurations of this mode.

MAINTENANCE

- **Battery Management:** Regularly check battery levels via the app. Replace batteries when low to ensure continuous operation. The external solar panel significantly extends battery life but does not eliminate the need for internal batteries.
- **SD Card Management:** Periodically check the SD card capacity via the app. Format the SD card every few months or when performance degrades. Consider replacing the SD card if errors occur.
- **Cleaning:**
 - **Camera Lens:** Gently clean the camera lens with a soft, lint-free cloth. Avoid abrasive materials that could scratch the lens.
 - **Solar Panel:** Keep the solar panel surface clean from dirt, dust, leaves, and snow to ensure efficient charging. Use a damp cloth for cleaning.
 - **Camera Body:** Wipe down the camera body with a damp cloth as needed to remove dirt and debris.
- **Firmware Updates:** Check the Tactacam REVEAL app regularly for available firmware updates. Updates often include performance improvements, bug fixes, and new features. Follow the in-app instructions for updating firmware.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No cellular signal or weak signal	Poor network coverage; camera location; antenna obstruction.	Relocate the camera to an area with better cellular reception. Ensure the antenna is unobstructed and fully extended. Check network status via the app.
No photos/videos being sent to app	Low battery; full SD card; incorrect settings; no cellular signal.	Check battery level and replace if necessary. Check SD card capacity and format/replace if full. Verify camera settings in the app (e.g., trigger delay, photo mode). Ensure adequate cellular signal.
Rapid battery drain	Frequent transmissions; cold weather; poor solar panel charging; low-quality batteries.	Reduce transmission frequency in settings. Ensure solar panel is clean and receiving direct sunlight. Use high-quality lithium batteries in cold conditions.
Images are blurry or dark	Dirty lens; insufficient light; camera movement.	Clean the camera lens. Ensure adequate ambient light or proper night vision settings. Securely mount the camera to prevent movement.

For further assistance, refer to the in-app diagnostics or contact Tactacam customer support.

SPECIFICATIONS

Feature	Detail
Brand	TACTACAM
Model	Reveal X Gen 2.0
Power Source	Solar Powered (with internal battery backup)
Connectivity Protocol	Wi-Fi, Cellular (LTE)
Controller Type	Android (via App)
Mounting Type	Wall Mount (Strap included for tree mounting)
Video Capture Resolution	1080p
Number of Items	1 (Camera and Solar Panel)
Wireless Communication Technology	Wi-Fi, Cellular
Form Factor	Box
Low light technology	Night Color (Low-Glow IR)
Alert Type	Motion Only
Effective Still Resolution	16 MP
International Protection Rating	IP66
Control Method	App

Feature	Detail
Item Weight	3.65 pounds
Recommended Uses For Product	Game & Trail
Indoor/Outdoor Usage	Outdoor
Compatible Devices	Smartphone

WARRANTY AND SUPPORT




The Tactacam Reveal X Gen 2.0 comes with a **one-year comprehensive warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your investment is protected. For warranty claims or technical assistance, please contact Tactacam customer service.

Tactacam is committed to providing top-notch in-house customer service. For support, visit the official Tactacam store or contact their support channels directly.

Official Tactacam Store: <https://www.amazon.com/stores/TACTACAM/page/8BE7D425-7102-435C-A99F-D63C71D5F8C1>

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Related Documents

	<p>Tactacam Reveal X Gen 2.0 Cellular Camera Instruction Manual</p> <p>Comprehensive instruction manual for the Tactacam Reveal X Gen 2.0 Cellular Camera, covering setup, app usage, best practices, troubleshooting, and warranty information.</p>
	<p>Reveal Folding Solar Panel Instruction Manual</p> <p>Instruction manual for the Reveal Folding Solar Panel by Tactacam, detailing features, specifications, mounting, operating, charging, and precautions.</p>
	<p>Tactacam Reveal Cellular Camera Instruction Manual</p> <p>This manual provides instructions for setting up, using, and troubleshooting the Tactacam Reveal Cellular Camera. It covers app download, camera setup, settings, specifications, best practices, product care, warranty, and FCC regulations.</p>



[Tactacam Reveal X Instruction Manual](#)

Comprehensive instruction manual for the Tactacam Reveal X cellular trail camera, covering setup, app usage, best practices, troubleshooting, and warranty information.