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TACTACAM Reveal X Gen 2.0

TACTACAM Reveal X Gen 2.0 LTE Cellular Trail Camera User Manual

Model: Reveal X Gen 2.0 | Brand: TACTACAM

Introduction

The TACTACAM Reveal X Gen 2.0 LTE Cellular Trail Camera is designed to provide remote monitoring capabilities for wildlife observation and property surveillance. This camera offers instant photo delivery to your mobile device, allowing you to stay connected to the action from any location. Engineered for durability, it performs reliably in various outdoor conditions and features a hybrid mode for optimized communication and battery efficiency.

Product Overview



Front view of the TACTACAM Reveal X Gen 2.0 LTE Cellular Trail Camera.

The Reveal X Gen 2.0 is a compact and discreet cellular camera. It features a robust design suitable for extreme weather conditions. Key components include the main lens, motion sensor, and an external antenna for cellular connectivity.



Side view of the TACTACAM Reveal X Gen 2.0, highlighting the external antenna.

Setup Guide

1. Battery and SD Card Installation

The camera requires 12 AA batteries (not included) and a Class 10 U3 SD card (16GB-32GB, not included). Lithium batteries are recommended for optimal performance and longevity, especially in cold weather.

1. Open the battery compartment located at the bottom of the camera.
2. Insert 12 AA batteries, ensuring correct polarity (+/-).
3. Insert the Class 10 U3 SD card into the designated slot. Ensure the card is formatted before first use.

4. Close the battery compartment securely to maintain weather resistance.



Proper installation of batteries is crucial for camera function.

2. App Download and Camera Activation

Download the official TACTACAM REVEAL app from your mobile device's app store. The app is available for both iOS and Android platforms. Follow the in-app instructions to activate your camera. This typically involves scanning a QR code located on the camera.

A cellular plan is required for remote image and video transmission. Information regarding cellular plans can be found within the TACTACAM REVEAL app or on the TACTACAM website.

Your browser does not support the video tag.

This video provides information on cellular plans available for Reveal Cell Cameras.

3. Mounting the Camera

The camera can be mounted using the included strap or via a wall mount. Ensure the camera is securely positioned to capture the desired area.



The camera securely mounted to a tree using the provided strap.

Operating Instructions

Basic Operation

Once activated and powered on, the Reveal X Gen 2.0 will begin monitoring for motion. Upon detection, it will capture images or videos based on your configured settings. The camera features a fast trigger speed of sub 1/2 second to ensure minimal delay in capturing activity.

Using the TACTACAM REVEAL App

The TACTACAM REVEAL app provides comprehensive control over your camera:

- **View Galleries:** Access captured photos and videos directly on your mobile device.
- **Adjust Settings:** Remotely modify camera settings such as capture mode (photo/video), detection sensitivity, and transmission frequency.
- **Hybrid Mode:** Utilize the newly developed hybrid mode for optimized communication and improved battery life.
- **Real-time Alerts:** Receive instant notifications when motion is detected and images are captured.



The TACTACAM REVEAL app displaying images captured by the trail camera.

Maintenance

Battery Management

Battery life can vary significantly based on usage, cellular signal strength, and environmental conditions. To maximize battery life, especially in cold climates, consider using high-quality lithium AA batteries. Regularly check battery levels via the app and replace batteries as needed.

Environmental Protection

The Reveal X Gen 2.0 has an IP65 rating, indicating it is protected against dust ingress and low-pressure water jets from any direction. While designed for outdoor use, avoid submerging the camera in water. Periodically inspect the camera housing and seals for any damage that could compromise its weather resistance.

Cleaning

Gently clean the camera lens and motion sensor window with a soft, lint-free cloth to ensure clear image capture and accurate motion detection. Do not use abrasive cleaners or solvents.

Troubleshooting

- **Camera Not Sending Images:**
  - Check cellular signal strength in the camera's location via the app.
  - Ensure the cellular plan is active and has sufficient data.
  - Verify that batteries have adequate charge.
  - Confirm the SD card is properly inserted and not full.
- **Poor Image/Video Quality:**
  - Clean the camera lens and motion sensor window.
  - Ensure the camera is not pointed directly into strong light sources (e.g., sun).
  - Image quality transmitted to the app may be lower resolution than images saved to the SD card to conserve data. Retrieve the SD card for full resolution media.
- **Short Battery Life:**
  - Use high-quality lithium AA batteries.

- Reduce the frequency of image/video capture or transmission settings in the app.
- Ensure good cellular signal; weak signal can cause the camera to work harder, draining batteries faster.
- Consider using an external solar panel power source (sold separately).

- **Camera Not Detecting Motion:**
  - Adjust the motion detection sensitivity settings in the app.
  - Ensure there are no obstructions in front of the motion sensor.
  - Verify the camera is positioned correctly to cover the desired area.

Specifications

Feature	Detail
Model Number	A16
Image Resolution	16MP
Video Capture Resolution	720p
Trigger Speed	Sub 1/2 second
Detection Range	96+ feet
Low Light Technology	Night Color (Low Glow IR)
Storage	Requires Class 10 U3 SD Card (16GB-32GB)
Power Source	12 AA Batteries (not included), Solar Powered (with optional accessory)
Connectivity	LTE Cellular, Wi-Fi (for setup/app communication)
Alert Type	Motion Only
Ingress Protection Rating	IP65
Item Weight	1.63 pounds
Dimensions	10 x 6.45 x 4.41 inches (Package)



FEATURE	X PRO	X
ADJUSTABLE NIGHT ILLUMINATION	NO GLOW	LOW GLOW
DETECTS ANIMALS AT	98+ FT	98+ FT
TRIGGER SPEED	SUB 1/2S	SUB 1/2S
IMAGE RESOLUTION SAVED TO SD CARD	16MP	16MP
STORAGE (REQUIRES CLASS 10 U3 SD CARD)	16GB-32GB	16GB-32GB
BATTERY	REQUIRES 12AA BATTERIES	REQUIRES 12AA BATTERIES
DUAL ANTENNA	INTERNAL	INTERNAL
BUILT-IN GPS	✓	
BUILT-IN LCD SCREEN	✓	
REQUEST HD PHOTOS AND VIDEOS FROM APP	✓	✓
HYBRID MODE	✓	✓
BEST IN CLASS PHOTOS	✓	✓
WATERPROOF - IP66 CERTIFIED	✓	✓
EXTERNAL PORT FOR SOLAR PANEL	✓	✓
USA DEVELOPED AND SUPPORTED APP	✓	✓
IN-HOUSE CUSTOMER SERVICE	✓	✓
COMPATIBLE WITH REVEAL SOLAR PANEL	✓	✓
COMPATIBLE WITH AT&T AND VERIZON	✓	✓
ON-BOARD WI-FI		✓

Detailed feature comparison for Reveal X Gen 2.0 and other models.

Warranty and Support

For warranty information and technical support, please contact TACTACAM customer service directly. You can find contact details on the official TACTACAM website or through the TACTACAM REVEAL app.
Official TACTACAM Store: Visit Store

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