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› [Wildgame Innovations](#) /

› Wildgame Innovations Encounter XT Cellular Trail Camera User Manual

Wildgame Innovations WGI-ENCTRCC

Wildgame Innovations Encounter XT Cellular Trail Camera User Manual

Model: WGI-ENCTRCC

Brand: Wildgame Innovations

1. INTRODUCTION

The Wildgame Innovations Encounter XT Cellular Trail Camera is designed for hunting and wildlife scouting, capturing high-quality images and videos of subjects in their natural habitat. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance.

Key features include 26-megapixel image capture, 720p HD video recording, an 80-foot illumination range, and dual network cellular connectivity (AT&T and Verizon compatible) for real-time data transmission to the HuntSmart App.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with setup:

- Two (2) Wildgame Innovations Encounter XT Cellular Trail Cameras
- Two (2) Lexar 32GB SD Cards
- One (1) Field Boys Microfiber Cleaning Cloth
- Adjustable Tree Straps (pre-attached or included with each camera)



Image: The complete package contents, including two Encounter XT cameras, two Lexar 32GB SD cards, and a Field Boys microfiber cleaning cloth.

3. KEY FEATURES

- **26 Megapixel Resolution:** Captures high-definition still images.
- **720p HD Video:** Records clear video footage.
- **Dual Network Connectivity:** Compatible with both AT&T and Verizon cellular networks for broad coverage.
- **80 ft. Illumination Range:** Utilizes four 850nm infrared LEDs for clear night vision up to 80 feet.
- **Fast Trigger Speed:** Less than 0.4-second trigger speed to capture fast-moving subjects.
- **Zero Detection Technology:** Operates silently to avoid disturbing wildlife.
- **Adaptive Illumination:** Automatically adjusts illumination based on target distance for optimal exposure.
- **Exposure Control:** Three adjustable exposure settings for various lighting conditions.

- **HuntSmart App Integration:** Seamlessly uploads images and videos to the HuntSmart app for organization and analysis.
- **Durable Design:** Compact, camo-finished casing for concealment and outdoor resilience.

4. SETUP GUIDE

4.1 Battery Installation

The Encounter XT camera requires eight (8) AA batteries (not included). For best performance, use high-quality alkaline or lithium batteries.

1. Open the camera's main latch and swing open the front cover.
2. Locate the battery compartment on the bottom section of the camera.
3. Insert eight AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Image: The internal layout of the camera, highlighting the battery and SD card slots. The QR code for app activation is also visible.

4.2 SD Card Installation

A 32GB SD card is included with your camera. Ensure the SD card is formatted before first use.

1. With the camera open, locate the SD card slot, typically above the battery compartment.
2. Insert the 32GB SD card into the slot with the label facing up until it clicks into place.

3. To remove, push the card in slightly until it springs out.

4.3 Cellular Activation and App Setup (HuntSmart App)

The Encounter XT camera utilizes cellular technology to send images and videos to your smartphone via the HuntSmart App. This process requires activating the camera's SIM card.

1. Download the HuntSmart App from your device's app store (available for Android and iOS).
2. Create an account or log in if you already have one.
3. Inside the camera, locate the QR code sticker. This code is essential for pairing your camera with the app.
4. Follow the in-app instructions to add a new camera. You will be prompted to scan the QR code.
5. Once scanned, the app will guide you through the SIM card activation process. This may take several minutes. Ensure the camera is powered on during this step.
6. After successful activation, the camera's signal and power indicator lights will confirm connectivity.



Image: Demonstrates the process of activating the camera's SIM card using the HuntSmart app on a smartphone, with the camera mounted on a tree.

4.4 Mounting the Camera

The camera is designed for tree mounting using the included adjustable strap.

1. Select a sturdy tree or post at the desired height, typically 3-6 feet off the ground.
2. Thread the adjustable strap through the mounting slots on the back of the camera.
3. Wrap the strap around the tree and secure it tightly, ensuring the camera is stable and facing the desired area.
4. Adjust the camera's angle to cover the intended surveillance zone.





Image: The Encounter XT camera securely mounted to a tree using the provided strap, demonstrating its outdoor deployment.

5. OPERATING THE CAMERA

5.1 Powering On/Off

- To power on the camera, ensure batteries are installed and the SD card is inserted. Close the front cover. The camera will automatically enter monitoring mode after a brief startup sequence.
- To power off, open the front cover and remove the batteries.

5.2 Using the HuntSmart App

The HuntSmart App is your primary interface for managing the Encounter XT camera.

- **Viewing Captures:** Images and videos captured by the camera are automatically uploaded to your app. You can browse, download, and share them from within the app.
- **Camera Settings:** Adjust various camera settings remotely, including photo resolution, video length, trigger delay, and operating modes.
- **Artificial Intelligence Management System:** The app's AI can organize captures by species, provide geolocation data, and offer insights into wildlife activity.

5.3 Exposure Control and Adaptive Illumination

The camera features advanced illumination technologies to optimize image quality:

- **Adaptive Illumination:** This feature automatically adjusts the intensity of the infrared LEDs based on the distance to the subject, preventing overexposure of close-up subjects and ensuring proper illumination for distant ones.
- **Exposure Settings:** The camera offers three exposure settings. These can be adjusted via the HuntSmart App to fine-tune image brightness and clarity according to environmental lighting conditions. Experiment with these settings to achieve the best results in your specific deployment area.

6. MAINTENANCE

- **Cleaning:** Use the provided microfiber cleaning cloth to gently wipe the camera lens and infrared LEDs. Avoid abrasive materials or harsh chemicals. Keep the camera casing free of dirt and debris.
- **Battery Replacement:** Replace all eight AA batteries when the low battery indicator appears in the app or on the camera. Always replace all batteries at once with new ones to ensure consistent power.

- **SD Card Management:** Regularly check the SD card capacity via the HuntSmart App. Format the SD card periodically (e.g., monthly) to maintain optimal performance and prevent data corruption. Back up important files before formatting.
- **Firmware Updates:** Check the HuntSmart App periodically for any available firmware updates for your camera. Follow the in-app instructions for updating to ensure your camera has the latest features and bug fixes.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on.	Dead or incorrectly installed batteries.	Replace all 8 AA batteries with new ones, ensuring correct polarity.
No images/videos sent to app.	No cellular signal; SIM not activated; SD card full/corrupt; App connectivity issue.	Check camera's signal strength. Verify SIM activation in app. Format or replace SD card. Ensure phone has internet connection and app is updated.
Poor image quality (blurry, dark, overexposed).	Dirty lens; Incorrect exposure settings; Subject too close/far for illumination.	Clean lens with microfiber cloth. Adjust exposure settings in HuntSmart App. Ensure subject is within 80ft illumination range.
Camera not detecting motion.	PIR sensor obstructed; Incorrect sensitivity settings; Camera angle.	Clear any obstructions from PIR sensor. Adjust motion sensitivity in app. Reposition camera for optimal coverage.

8. SPECIFICATIONS

Model Number	WGI-ENCTRCC
Image Resolution	26 Megapixels
Video Resolution	720p HD (MPEG-4 format)
Illumination Range	80 feet (via 4 x 850nm IR LEDs)
Trigger Speed	Less than 0.4 seconds
Connectivity	Cellular (AT&T & Verizon compatible), Wi-Fi (for local setup/connection)
Power Source	8 AA Batteries (not included), 12V DC jack (compatible with solar panels)
Storage	SD Card (up to 32GB recommended)
Dimensions (L x W x H)	6 x 4 x 8 inches
Weight	1.1 pounds
Mounting Type	Tree Mount (adjustable strap)
Operating Environment	Outdoor

Manufacturer	Wildgame Innovations
Country of Origin	China

9. WARRANTY AND SUPPORT

Wildgame Innovations products are built with quality and durability in mind. For specific warranty information, please refer to the warranty card included with your product or visit the official Wildgame Innovations website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Wildgame Innovations customer service. Contact details can typically be found on their official website or within the HuntSmart App.

Online Resources:

- Wildgame Innovations Official Website: www.wildgameinnovations.com
- HuntSmart App Support: Refer to the help section within the HuntSmart application.

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