

[Manuals.plus](#) /

› [Moultrie](#) /

› Moultrie Edge Pro Cellular Trail Camera User Manual

Moultrie MMC-14143

Moultrie Edge Pro Cellular Trail Camera User Manual

Model: MMC-14143

1. INTRODUCTION

The Moultrie Edge Pro Cellular Trail Camera is designed to enhance your wildlife monitoring experience with advanced features and reliable performance. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal functionality.



Figure 1.1: Moultrie Edge Pro Cellular Trail Camera and Mobile App.

2. KEY FEATURES

The Moultrie Edge Pro camera incorporates several innovative technologies to deliver superior performance:

- **36MP Sensor & 1080p Video:** Captures high-resolution still images and full HD video with audio.
- **0.5-Second Trigger Speed:** Ensures rapid capture of moving subjects.
- **100ft Detection & Flash Range:** Provides extensive coverage for monitoring.
- **False Trigger Elimination (FTE) Technology:** Reduces unwanted captures from environmental factors like swaying branches.
- **Smart Capture:** Utilizes AI to identify and capture specific target species.
- **Smart Zones:** Allows customization of detection areas to prevent triggers in unwanted zones.
- **Nyxel® NIR Technology:** Enhances low-light image clarity while conserving power.

- **Auto Connect:** Automatically connects to the strongest available nationwide cellular network.
- **Built-in Memory & Unlimited Cloud Storage:** Eliminates the need for external memory cards and provides secure cloud backup via the Moultrie Mobile app.
- **Moultrie Mobile App:** Offers remote camera settings, image viewing, activity charting, interactive maps, species recognition, and weather data.



Figure 2.1: Overview of key camera specifications and features.

Figure 2.2: Auto Connect Technology automatically selects the strongest network.

Figure 2.3: The Moultrie Mobile App provides comprehensive control and data.

3. SETUP GUIDE

3.1. Battery Installation

The Moultrie Edge Pro camera operates on 8 or 16 AA alkaline or lithium batteries (not included). For optimal performance and battery life, it is recommended to use high-quality lithium batteries, especially in cold weather.

1. Open the camera's battery compartment.
2. Insert the batteries according to the polarity indicators (+/-).

3. Close the battery compartment securely to ensure a watertight seal.



Figure 3.1: Proper battery pack insertion.

3.2. Moultrie Mobile App Setup & Activation

The Moultrie Mobile app is essential for activating and managing your camera. It is available for both iOS and Android devices.

1. Download the Moultrie Mobile app from your device's app store.
2. Create an account or log in if you already have one.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code located on the camera.
4. Select a data plan that suits your needs.
5. Once activated, press the 'Connect' button on the camera to capture a test image and confirm connectivity.

3.3. Camera Placement and Mounting

Proper camera placement is crucial for effective monitoring. Consider the detection range (up to 100ft) and flash range when choosing a location.

1. Choose a sturdy tree or post at a height of approximately 3-5 feet from the ground.
2. Use the included mounting strap to secure the camera firmly. Ensure the camera is level and stable.
3. Utilize the **Live Aim** feature via the Moultrie Mobile app to preview the camera's field of view and ensure optimal positioning before leaving the site. This helps avoid capturing unwanted areas.



Figure 3.2: Mounting the camera to a tree.



Figure 3.3: Camera mounted with optional solar panel for continuous power.

4. OPERATION

4.1. Capturing Images and Videos

The Moultrie Edge Pro camera is designed to automatically capture images and videos based on motion detection within its field of view. Settings can be adjusted remotely via the Moultrie Mobile app.

- **Photo Mode:** Captures still images at 36MP resolution.
- **Video Mode:** Records 1080p video with HD audio.
- **Hybrid Mode:** Captures both a still image and a video clip.

4.2. Using Smart Features

Leverage the camera's intelligent features for more efficient monitoring:

- **False Trigger Elimination (FTE):** This technology minimizes triggers from non-target elements like swaying branches or tall grass.
- **Smart Capture:** Configure the camera via the app to only capture specific species (e.g., deer, turkey, boar) using AI recognition. This reduces irrelevant images and conserves data.
- **Smart Zones:** Define custom detection zones within the camera's view. Areas outside these zones will not trigger an image or video, further reducing false triggers.



Figure 4.1: Smart Capture uses AI to identify target species.



Figure 4.2: Smart Zones allow custom detection areas.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Moultrie Edge Pro camera.

- **Cleaning:** Periodically wipe the camera lens and PIR sensor window with a soft, clean cloth to remove dirt, dust, or debris. Do not use abrasive cleaners.
- **Battery Check:** Monitor battery levels via the Moultrie Mobile app. Replace batteries when low to prevent interruption of service.
- **Firmware Updates:** Check the Moultrie Mobile app regularly for available firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features and performance improvements.
- **Storage:** When storing the camera for extended periods, remove all batteries to prevent leakage and damage. Store in a cool, dry place.
- **Security:** Consider using a security box or cable lock (sold separately) to protect your camera from theft or tampering, especially in accessible locations.



Figure 5.1: Optional security box for camera protection.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Moultrie Edge Pro camera.

Problem	Possible Cause	Solution
Camera not connecting to network	Weak cellular signal; incorrect activation; expired data plan.	Relocate camera to an area with better signal. Verify activation status and data plan in the Moultrie Mobile app. Perform a test image capture.
No images/videos captured	Incorrect settings; dead batteries; PIR sensor obstructed; camera facing wrong direction.	Check camera settings in the app (e.g., detection delay, sensitivity). Replace batteries. Clear any obstructions from the PIR sensor. Use Live Aim to verify camera orientation.
Poor image/video quality	Dirty lens; low light conditions; subject too far or too close.	Clean the camera lens. Ensure adequate lighting for nighttime captures (within flash range). Adjust camera placement relative to the subject.
Excessive false triggers	Swaying vegetation; direct sunlight; small animals.	Enable False Trigger Elimination (FTE). Utilize Smart Zones to exclude areas with frequent false triggers. Adjust PIR sensitivity in the app. Clear vegetation in front of the camera.
Battery life is short	Frequent captures; cold weather; low-quality batteries; excessive video recording.	Reduce capture frequency or video length settings. Use high-quality lithium batteries. Consider a solar panel accessory for extended power.

7. SPECIFICATIONS

Feature	Detail
Model Name	Edge Pro 2-Pack
Model Number	MMC-14143
Effective Still Resolution	36 MP
Video Capture Resolution	1080p with HD Audio
Trigger Speed	0.5 seconds
Detection Range	100 feet
Flash Range	100 feet (Low-Glow Infrared)

Feature	Detail
Power Source	8 or 16 AA alkaline or lithium batteries (not included)
Connectivity	Cellular (Auto Connect to major US networks), Wi-Fi (for local pairing)
Memory	Built-in memory, Unlimited Cloud Storage
Indoor/Outdoor Usage	Outdoor
Material	Plastic
Color	Camo
Dimensions (LxWxH)	10 x 2 x 2.7 inches
International Protection Rating	IP54
UPC	053695141435

8. WARRANTY INFORMATION

The Moultrie Edge Pro Cellular Trail Camera comes with a **2-year manufacturer's warranty** from the date of activation through the Moultrie Mobile app. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase and activation details for warranty claims. For full warranty terms and conditions, refer to the Moultrie Mobile app or the official Moultrie website.

9. CUSTOMER SUPPORT

For any questions, technical assistance, or troubleshooting not covered in this manual, please contact Moultrie's U.S.-based customer support team. Support is available 7 days a week via phone, chat, and email.

Contact Information:

Visit the official Moultrie website for the most up-to-date contact details and support resources.