

# EXO

CELLULAR  
CAMERA

POWERED BY **MOULTRIE** MOBILE™



OWNER'S  
OPERATION  
MANUAL

*THE PERFECT CAMERA FOR*  
**HUNTING & SECURITY**



EXO CELLULAR CAMERA PERFORMANCE SPECS INCLUDE:



18MP IMAGE  
RESOLUTION



TRIGGER  
SPEED



DETECTION  
RANGE



INVISIBLE  
FLASH RANGE

PLUS



NEW CELLBOOST™  
ANTENNA



ADAPTIVE  
TRIGGER

REQUIRED / NOT INCLUDED



x12

12AA BATTERIES



UP TO 32GB  
CLASS 10 SD CARD



IMPORTANT! PLEASE READ BEFORE USING  
THE EXO CELLULAR TRAIL CAMERA

We recommend that you go through the entire set up process at home to ensure your camera is operating as expected and images are transmitting before taking into the field for use.

You must have an active Moultrie Mobile account to operate camera and retrieve images. Log on to [moultrie-mobile.com](https://moultrie-mobile.com) to set up an account to activate camera. Please select plan after activation.

12 AA batteries and a compatible SD card are required; we recommend an 32GB or smaller Class 10 SD card. **DO NOT use SDXC cards, Micro/Mini cards, Ultra Capacity, or High-Speed cards.** NOTE: see section D4 for important battery information.

Each time you insert an SD card, be sure to format the SD card in your camera to ensure it will work properly. **See Step 4 in the Quick Start Section** for instructions on how to format the SD card.

4G LTE coverage is required. Go to [moultrie-mobile.com](https://moultrie-mobile.com) to verify coverage in your area.



Please register your camera at [moultrie-mobile.com/warranty](https://moultrie-mobile.com/warranty) to activate your warranty.

EXO CELLULAR TRAIL CAMERA OPERATION MANUAL

TABLE OF CONTENTS

KEY COMPONENTS	D1	TRANSMIT TEST IMAGE	D7
QUICK START GUIDE	D2	CAMERA SETTINGS	D8
ACCOUNT SET UP/ CAMERA ACTIVATION	D3	MOUNTING & PLACEMENT TIPS	D9
BATTERY INSTALLATION	D4	TROUBLESHOOTING GUIDE	D10
SD CARD INSTALLATION/ FORMATTING	D5	- SD CARDS	10.1
LED COLOR DEFINITIONS & SOLUTION	D6	- REDUCING FALSE TRIGGERS	10.2
		- SERVER CONNECTION	10.3
		- WEAK/NO CELL SIGNAL	10.4
		- NO NEW IMAGE NOTIFICATIONS	10.5

# KEY COMPONENTS OF THE EXO CELLULAR TRIAL CAMERA



ANTENNA

AMBIENT LIGHT SENSOR

940 NM HIGH POWER IR LED

LENS AND IMAGE SENSOR

PIR SENSOR

CABLE LOCK ATTACHMENT POINT

DOOR LATCH WITH CABLE LOCK  
ATTACHMENT POINT

12V EXTERNAL POWER JACK INPUT

MICROPHONE



UPPER CABLE LOCK  
ATTACHMENT POINT

CAMERA STRAP  
ATTACHMENT POINT

CONTROL PANEL/  
SD CARD INSERT  
(LOCATED INSIDE DOOR LATCH)

LOWER CABLE LOCK  
ATTACHMENT POINT

1/4-20 TRIPOD MOUNTING PORT  
& MOUNTING SUPPORTS

# QUICK-START GUIDE - ESSENTIAL STEPS

## STEP 1 ACTIVATE CAMERA & SELECT PLAN VIA APP OR WEBSITE

Create/log in to your Moultrie Mobile account through **app** or **moultriemobile.com**. Click **My Account > Activate Device** and follow the instructions to **choose your plan and activate your camera**.

## STEP 2 ATTACH ANTENNA, INSTALL BATTERIES & SD CARD

Once the device is activated, attach the antenna and install 12 new AA batteries and a **Class 10 SD card**.

## STEP 3 POWER ON CAMERA

**Press and hold ON/OFF button for about 5 seconds until LEDs illuminate.** There will be a 15 second delay to allow time for the SD card to format. Then, the camera will connect to Moultrie Mobile and LEDs will indicate camera status.

**NOTE:** FORMATTING YOUR SD CARD IS RECOMMENDED BUT CAN BE SKIPPED BY PRESSING **CONNECT/STATUS BUTTON**.

## STEP 4 FORMAT SD CARD

**NOTE:** THIS WILL **PERMANENTLY ERASE ALL CONTENT** ON SD CARD.

During the 15 second delay after powering on the camera, **press and hold FORMAT SD button** until the **SD CARD LED blinks yellow**. LED will turn green once process is complete.

## STEP 5 CAPTURE A TEST IMAGE

Press and hold the **CONNECT/STATUS button for at least 5 seconds**. Status LEDs will remain lit during image transmission. Refresh app/website to confirm image receipt.

### AIM MODE

Use built-in AIM MODE to assist with camera positioning. Simply press and hold **FORMAT SD button** and **CONNECT/STATUS button** simultaneously to activate. Red LED on front of camera will glow if movement is detected within field of view. (Camera will return to normal operation with inactivity.)

### IMPORTANT

**You should see a light sequence start after the 15 second delay and/or SD Card Format is complete.** Lights indicate camera status and server connection.

**Do you see any yellow or red lights?** If so, use the chart located in section **D6** to identify status.

# ACCOUNT SET UP AND CAMERA ACTIVATION

## SET UP MOULTRIE MOBILE ACCOUNT

**For Desktop Setup:** go to MoultrieMobile.com and click SIGN UP to get started, Click REGISTER NEW ACCOUNT and follow steps. **For Mobile setup:** open the Moultrie Mobile app and click CREATE ACCOUNT and follow steps to get started.

- Log-on to your Moultrie Mobile account via app or website.
- From the MY ACCOUNT section, select "Activate Device" and follow the on-screen instructions.
  - The Serial Number and Modem ID can be found on the sticker inside of the camera above the battery compartment.
  - If you are a new subscriber your billing cycle starts the same day as activation.
  - If activating a pre-existing monthly subscription mid-billing cycle, the amount owed at activation as well as the number of pictures purchased will be prorated. The next billing cycle will reflect full monthly payment and number of pictures for the plan chosen.
- Click PURCHASE to complete activation of camera.

**NOTE:** It can take several hours for the device to become active on the cell provider's network. During this time, the device will not be able to connect to the server. Please keep trying. If after 24 hours your device has not successfully connected to the server, please contact customer service by visiting the "Support" section from the Moultrie Mobile website or app.

**IMPORTANT:** After submitting your registration, you will receive an email. You will not be able to log in to your account until you have confirmed your registration through this email. Please check your spam, clutter or junk folders for this email.

# INSTALL BATTERIES

## OPEN CAMERA HOUSING AND INSTALL 12 AA BATTERIES.

- Only use alkaline or lithium batteries. We recommend the use of Moultrie alkaline batteries or Energizer™ lithium batteries for optimum performance.
- Do not mix old and new batteries. Always replace ALL the batteries at the same time.
- Do not mix different brands of batteries or alkaline and lithium batteries.
- When the camera is not in use, please remove the batteries.
- DO NOT USE RECHARGEABLE BATTERIES.
- Be sure batteries are inserted correctly into the battery compartment before powering on the device.

**Note:** When using lithium batteries, the Moultrie Mobile system may report near full capacity and then quickly drop to indicate low voltage within a short period. This is due to the properties of lithium batteries and is expected behavior.

**Note:** Internal batteries are required when using an external battery source.

# INSTALL SD CARD & FORMATTING

## OPEN CAMERA HOUSING AND LOCATE SD CARD SLOT

Locate SD card slot on side of camera and insert SD card. Make sure to format the SD card in the camera to ensure proper operation. See Step 4 in the The Quick Start Guide (D2) for formatting instructions.

## IMPORTANT SD CARD INFORMATION

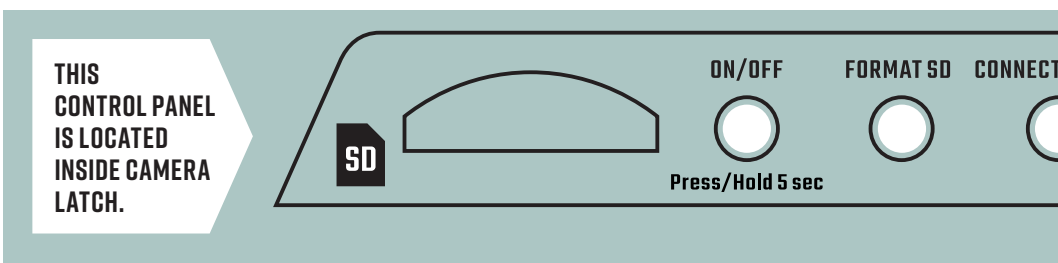
- We recommend that you use a 32GB or smaller Class 10 SD card.
- Do NOT use micro SD cards, SDXC or cards designated as "turbo", "ultra", or "super speed", as the speed required by these cards to operate may cause instability in the cameras.
- We recommend that you have one dedicated SD card for each camera.
- Avoid swapping SD cards between cameras or other digital devices.
- Always format your SD card in the camera before each use.

## FORMAT SD CARD

Power camera on by press and holding ON/OFF button for about 5 seconds until LEDs illuminate. Please follow the steps below:

1. Press and hold the FORMAT SD CARD button until the SD CARD LED blinks yellow.
2. Once the card is formatted, the SD CARD LED will turn solid green indicating success.
3. If the SD card LED turns solid red, the SD card was not formatted. Repeat the process until SD card LED is solid green. If the SD card LED does not turn green, try another card.

**NOTE:** You must format the SD card each time a card is inserted using the above steps.



## FORMAT SD CARD VIA APP/WEBSITE

After you've completed the initial setup steps above, you will then have the option to format your SD card from the Moultrie Mobile app or website under your Camera Settings. When you elect to format your SD card from the app or website, it will format the next time the camera checks in with Moultrie Mobile.



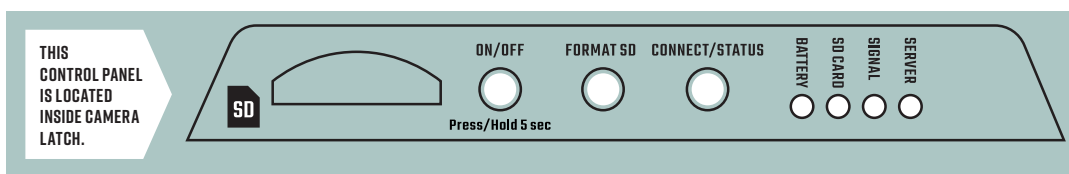
# LED COLOR DEFINITIONS AND SOLUTIONS

## LED COLOR INDICATORS

- The **BATTERY** and **SD CARD** LEDs will illuminate to show status. Green **BATTERY** LED indicates power is full and green **SD CARD** LED indicates card is good. The LED indicators can also be yellow or red. refer to the table below for color definitions.
- **SIGNAL** LED will flash yellow while acquiring signal and turn solid green if signal is good, yellow if signal is ok, and red if signal is bad.
- **SERVER** LED will flash yellow while connecting to Moultrie Mobile and turn solid green once connected. This could take some time, be patient.

**NOTE:** Only LEDs illuminate. If switch or buttons appear to be illuminated, it is due to illumination from surrounding LEDs.

**NOTE:** To display the status of the SINGAL, BATTERY, SD CARD or SERVER, you can briefly press CONNECT/STATUS button. Camera will attempt connection to Moultrie Mobile and display LED status.



	SERVER	SIGNAL	SD CARD	BATTERY
GREEN ●	CONNECTED	GOOD SIGNAL	GOOD CARD	100% - 50%
YELLOW ●	CONNECTING	WEAK SIGNAL	FULL/LOCKEDCARD	49% - 21%
RED ●	NO CONNECTION	NO SIGNAL	BAD/NO CARD	20% - 0%

# TRANSMIT TEST IMAGE

## PRESS AND HOLD CONNECT/STATUS BUTTON FOR 5 SECONDS.

- Status LEDs will illuminate to display status, refer to table in Section D6 for color definitions.
- **SIGNAL** and **SERVER** LEDs will flash yellow until connection is established, then illuminate to indicate status. See table in Section D6 for color definitions.
- Test image is taken and successfully transmitted once the server LED illuminates green and then all LEDs turn off.

**IMPORTANT:** We strongly recommend you confirm receipt of test picture by logging in to your Moultrie Mobile account via the app or website.

## MANUALLY TRANSMIT IMAGES

You have the option to transmit any photos captured since the last connection by briefly pressing and releasing the **CONNECT/STATUS** button. Once the transmission is complete, all LEDs will turn off.

**NOTE:** Upload frequency setting is not affected by manual image transmission.

# CAMERA SETTINGS

Once you have successfully taken and transmitted a test image, go to the website or app to update your camera settings.

## CHANGE SETTINGS

- Go to the "Devices" tab on the Moultrie Mobile website or "Cameras" tab on the app.
- Select "View Cameras" for a list of cameras on account. Select desired camera for update.
- Choose "Camera Settings" on the website or "Edit Settings" on the app. Update camera settings as well as desired upload frequency and press SAVE.

**NOTE:** There are icons next to each setting that when clicked will display descriptions and useful tips.

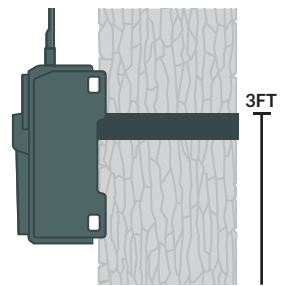
**NOTE:** This camera can be set to record video. When selected, your camera will upload a thumbnail image from the video. The image will be marked with a camera icon if viewing from the app, or the word "Video" if viewing from the website. Simply expand the image and select Request Video and your camera will upload that video to your account on the camera's next connection.

**IMPORTANT:** After camera settings are selected and saved, the settings will be changed on the camera the next time the camera connects to Moultrie Mobile. To manually connect, press the CONNECT/STATUS button to connect to Moultrie Mobile and update settings immediately.

**Confirm status of camera using the LED indicators before leaving your camera.**

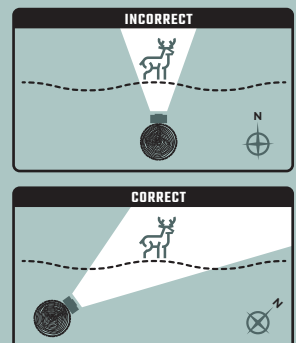
# MOUNTING & PLACEMENT TIPS

Thread mounting strap through slots on back of camera case. Mount camera to a tree or pole approximately three (3) feet from ground. You may need to adjust for uneven terrain. For added security, you can attach the camera to a tree with a Master Lock Python™ cable locking system or Moultrie Security Box. Cameras are also equipped with 1/4"-20 inserts for use with Moultrie EZ Tree Mount or Camera Stake accessories. Visit [MoultrieFeeders.com](http://MoultrieFeeders.com) to view and purchase mounting accessories.



## TIPS FOR BEST PHOTOS

Face the camera North or South to avoid over-exposure from the sun. Clear brush away from the front of the camera to avoid false-movement triggers. When covering a game trail, face camera looking down the trail instead of directly at it. (See graphics at right.)





# TROUBLESHOOTING GUIDE | JUST IN CASE

## 10.1 - SD CARDS

- SD cards will sometimes cause errors when they are: old, corrupted, full of images, previously used by other cameras, too large, or specialized high-speed cards.
- Make sure that you are using a new 4GB to 32GB class 10 SD card. DO NOT use SDXC cards, Micro/Mini cards, Ultra Capacity, or High-Speed cards.
- If the SD card is compatible, formatting the SD card will usually correct and prevent any SD card errors. See Formatting Sidebar

### FORMATTING SD CARD

- Power camera on and press and hold the Format SD button until the SD Card LED blinks yellow.
- Once formatted, the SD Card LED will turn solid green indicating success.
- If the SD Card LED turns solid red, repeat the process or try a different card.

**IF FORMATTING OR REPLACING THE SD CARD DOES NOT HELP, VISIT THE SUPPORT SECTION OF THE MOULTRIE MOBILE APP OR MOULTRIE.MOBILE.COM**

## 10.2 - REDUCING FALSE TRIGGERS

- Camera is triggered by the movement of heat within the detection zone.
- Optimize trigger sensitivity for the camera's specific location with High, Medium, and Low sensitivity settings. Adjust camera settings via app or website.
- Avoid pointing the camera into the sun (east / west) – the warm sunlight can create false triggers.
- Avoid placing the camera in an open field during the summer. Heat-related triggers in open fields disappear when the temperature drops.
- Don't place camera on smaller trees that can easily blow in the wind.
- Place the camera 4+ feet off the ground and clear away nearby branches, brush, and tall grass – vegetation warmed by the sun and blown by the wind can sometimes produce a false trigger.

### ADDITIONAL SUPPORT

For more troubleshooting resources and support, visit the SUPPORT section of the Moultrie Mobile app or MoultrieMobile.com

## 10.3 - SERVER CONNECTION

- If camera does not connect to Moultrie Mobile, try:
  - Formatting or replacing SD card See Formatting Sidebar
  - Moving camera to area with better cellular coverage
  - Verifying battery level
  - Checking antenna for damage or proper attachment

## 10.4 - NO/WEAK CELL SIGNAL

- Why does my cell phone have signal, but my camera doesn't?
  - Cellular providers often have "roaming agreements" with towers they do not own and usually do not allow devices like cellular trail cameras to benefit from these agreements.
  - Your phone may be utilizing 3G signal (even if it is a 4G phone). The camera is not able to operate on 3G.
- If your cellular signal is weak  
(Signal LED is yellow or red), please relocate the camera to a place with stronger signal.

## 10.5 - NO NEW IMAGE NOTIFICATIONS

- Check for an updated version of the app in the App Store or Google Play Store.
- Sign out and back in to the app: **My Account > Sign Out**
- Clear app cache for Android users: **Go to Settings > Storage > Other Apps** then scroll to the Moultrie Mobile App and clear cache and clear storage.
- Check that you have opted into Push Notifications IN THE APP:  
**My Account > Notification Settings.**
- Make sure that Push Notifications are enabled ON YOUR PHONE:
  - iPhone: Go to **Settings > Notifications > Moultrie Mobile > Allow Notifications** and select alert options.
  - Android: Go to **Settings > Notifications** and turn on notifications for Moultrie Mobile.
- Force close the app.
- Uninstall and reinstall the app.
- Restart your phone.

---

## MOULTRIE LIMITED WARRANTY

This product has been thoroughly tested and inspected before shipment. It is guaranteed from defects in material and workmanship from the date of purchase for 2 years. Under this limited guarantee we agree to replace or repair free of charge any part or parts which have been found to be defective in original material or workmanship. Should you require warranty service, visit the support section in the Moultrie Mobile app or at MoultrieMobile.com to contact a technician. Physical damage, alterations or tampering with the equipment is not covered under warranty and will invalidate your warranty.



For questions go to the "Support" section of MoultrieMobile.com or the Moultrie Mobile app.  
PRADCO Outdoor Brands • 3280 Highway 31, Ste. B • Calera, AL 35040