



Instructions for GPS GameSpy Connect

Symptom	Possible Cause	Solution Reference
When turning on camera, "CELLULAR UPLOAD" mode is not displayed on the camera's screen within 60 seconds	<ul style="list-style-type: none"> • RJ45 Com Cable is unplugged or broken • Low or no batteries • Low or no Batteries in Camera • "Cellular Modem" is not turned ON • "File Upload" is OFF at web site 	<ul style="list-style-type: none"> • Page 2: RJ45 Communication Cable • Page 2: Batteries • Refer to Camera's User Manual • Page 7 : File Upload/Cellular Modem • Page 7 : File Upload/Cellular Modem
Settings changed on the camera are not sent to the website or vice-versa	<ul style="list-style-type: none"> • Cellular upload has not yet happened 	<ul style="list-style-type: none"> • Page 6
Battery life on GPS Game Spy Connect is short	<ul style="list-style-type: none"> • ON/AUTO switch is in ON position • Transmitting more than once per day • Non-alkaline battery used 	<ul style="list-style-type: none"> • Page 2: ON/AUTO Switch • Page 6: Photo Upload Frequency
No GPS coordinates / location information shown on web site	<ul style="list-style-type: none"> • GPS Antenna is not exposed to sky 	<ul style="list-style-type: none"> • Page 3: GPS Internal Antenna
While in CELLULAR UPLOAD mode, camera display indicates "Wait Modem" and gets no further in the communication process	<ul style="list-style-type: none"> • RJ45 Com Cable is unplugged or broken • Low or no batteries 	<ul style="list-style-type: none"> • Page 2: RJ45 Communication Cable • Page 2: Batteries
While in CELLULAR UPLOAD mode, camera display indicates "Wait Server" and gets no further in the communication process	<ul style="list-style-type: none"> • System has not been registered • No GSM Network Coverage • Low or no batteries 	<ul style="list-style-type: none"> • Page 4 : Account registration • Page 1: Network Coverage Test • Page 2: Batteries
While in CELLULAR UPLOAD mode, display indicates "Cam Not On File"	<ul style="list-style-type: none"> • System has not been registered 	<ul style="list-style-type: none"> • Page 4 : Account registration
Pictures never get sent to Moultrie Inbox even after "CELLULAR UPLOAD" mode is displayed on the camera's display	<ul style="list-style-type: none"> • "Cellular Modem" is OFF at camera • "File Upload" is OFF at web site • You have exceeded your max daily limit • You have exceeded the monthly plan limit 	<ul style="list-style-type: none"> • Page 7 : File Upload/Cellular Modem • Page 7 : File Upload/Cellular Modem • Page 6: Photo Upload Daily Max • Check Data Transfer in Account Status on website
Pictures use to get sent, but are no longer sent to the Moultrie Inbox	<ul style="list-style-type: none"> • "Cellular Modem" is OFF at camera • "File Upload" is OFF at web site • Your max daily limit is set too low • You have exceeded the monthly plan limit 	<ul style="list-style-type: none"> • Page 7 : File Upload/Cellular Modem • Page 7 : File Upload/Cellular Modem • Page 6: Photo Upload Daily Max • Check Data Transfer in Account Status on website
Getting too many pictures per day	<ul style="list-style-type: none"> • You have not set a limit on number of photos sent per day 	<ul style="list-style-type: none"> • Page 6: Photo Upload Daily Max
Using-up too much of your data plan too quickly	<ul style="list-style-type: none"> • Files being transmitted are too large • Sending too many photos • Membership plan is too small 	<ul style="list-style-type: none"> • Page 6 : Photo Upload Resolution • Page 6: Photo Upload Daily Max • Call Moultrie to increase plan

THANK YOU for your purchase of the GPS GameSpy Connect Module. Please read this booklet before using the unit. If you should have any questions about this product or any other Moultrie product, please contact us using the information on the back of this sheet. Please register your product at www.moultriefeders.com TO ACTIVATE YOUR WARRANTY.

GPS GameSpy Connect leverages the cell phone network to wirelessly upload photos from your camera to your Moultrie Inbox, allows you to change your camera settings from the Moultrie Camera Settings web page, and provides the GPS (Global Positioning System) coordinates of the GPS GameSpy Connect module's location. The GPS coordinates are attached to each photo taken.

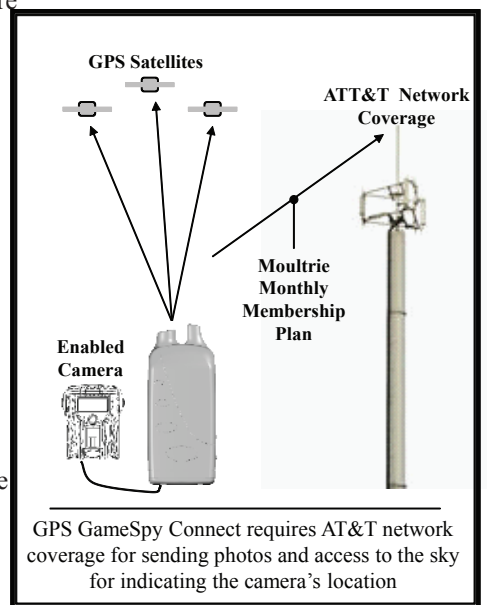
IMPORTANT - PLEASE READ:

→ GPS GameSpy Connect is ONLY for use with Moultrie game cameras that are GPS GameSpy Connect enabled . See www.moultriegamemanagement.com Camera Compatibility tab for details.

→ GPS GAMESPY CONNECT WILL ONLY WORK WHERE THERE IS AT&T CELL PHONE NETWORK COVERAGE (see Network Coverage Test below).

→ GPS GameSpy Connect requires a Moultrie monthly membership plan.

→ GPS coordinates will only be transmitted to the Moultrie Server if the top of the GPS GameSpy Connect is exposed to the sky and you performed the "Locate Me Now" function. .

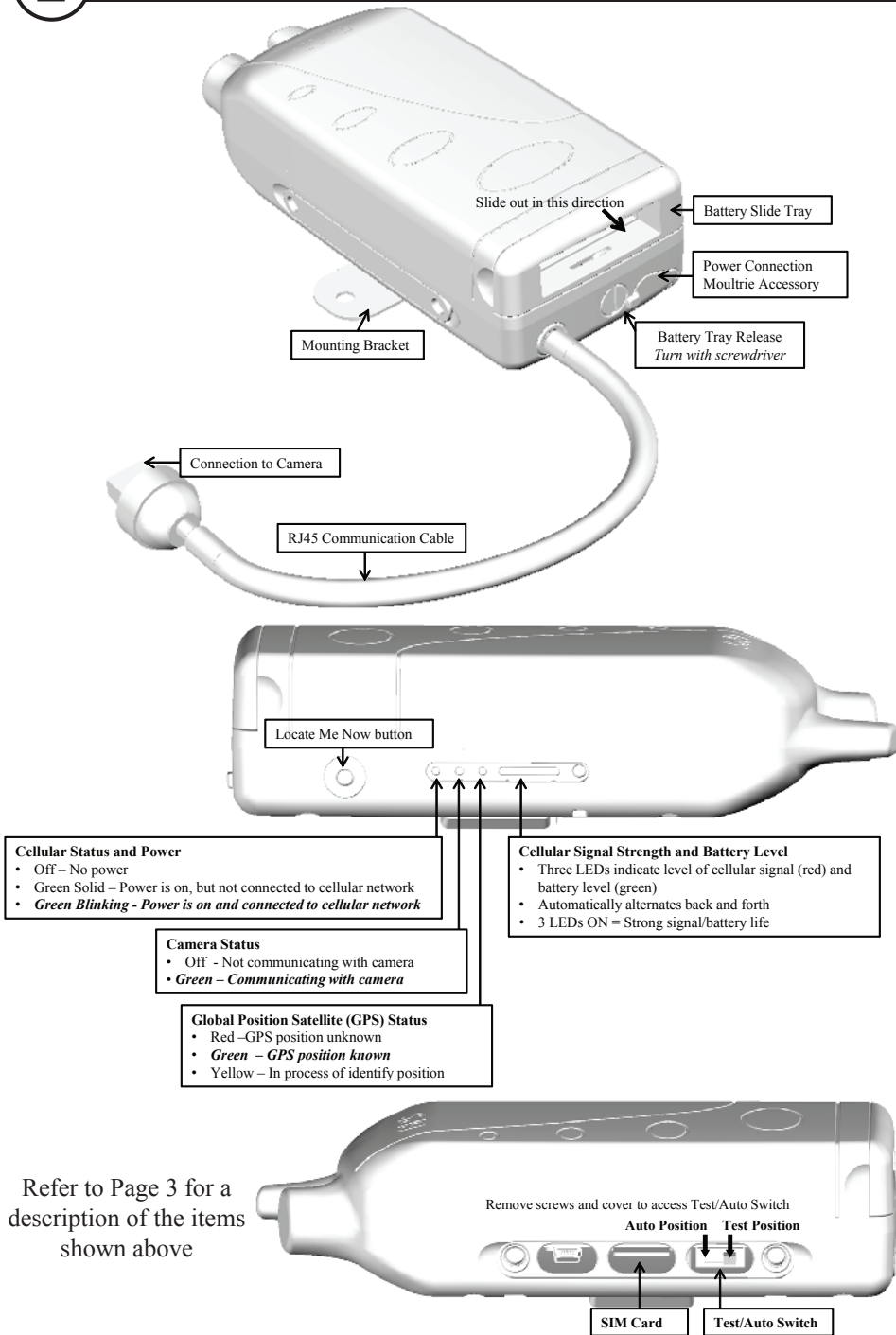


NETWORK COVERAGE TEST:

- (1) Sign-up and register to activate device (Page 4)
- (2) Install batteries in GPS GameSpy Connect (page 2)
- (3) Place the TEST/AUTO switch to TEST (page 3). The GPS GameSpy Connect module does not need to be connected to the camera for this test.
- (4) TEST: The GSM STATUS INDICATOR (page 3) will blink repeatedly within 30 seconds if the GPS GameSpy Connect has connected to the local cellular tower. If it does not blink repeatedly within 30 seconds, you do not have the necessary network coverage at this location.
- (5) Place the TEST/AUTO switch back to AUTO when done.

Our Service Department will gladly answer any questions you have. Call 205-664-6700 or 800-653-3334, Monday - Friday, 8:00 AM to 5:00 PM CST. www.moultriefeders.com

I GPS GAME SPY CONNECT OVERVIEW



Refer to Page 3 for a description of the items shown above

IV SYSTEM CONFIGURATION (cont.)

Settings on Website	Settings on Camera	Description
Video Length	Video Length	5, 15 or 30 seconds - When the GameSpy Camera is configured for VIDEO, the camera will record video for a designated amount of time each time an animal is detected. The default video length is 10 seconds at night.
Time Lapse Frequency	Feature Not Available on Some Models	The interval for the Time Lapse feature.
Timer Lapse Start Time	Feature Not Available on Some Models	The start time for the Time Lapse feature.
Flash	Flash	Turns the Flash on/off.
File Upload	Cellular Modem	Enables the ability to upload photos to the Moultrie Inbox. THIS MUST BE ON FOR THE GPS GAMESPY CONNECT TO OPERATE.
Delete Photo After Upload	Delete Photos After Upload	A photo will only be sent to the Moultrie Server one time; however, it will be retained in the camera's memory (internal memory or optional SD card). To save space in the internal memory or on the SD card, you can configure the system to delete each photo after it has been sent to the Moultrie InBox. Note: SD Card Lock must be off for this feature to work.
Info Strip Printed on Photo	Info Strip	Turn on or off the information strip on the bottom of each photo.
Temperature	Temperature	The temperature can be printed on the photo in degrees Fahrenheit or Celsius.
Delete All Photos	Delete Photos	Remove all the images from the internal memory or the SD card if installed.

V TROUBLESHOOTING

Symptom	Possible Cause	Solution Reference
It says "Camera is being Activated" in the Account Status screen and it has been more than 1 hour	<ul style="list-style-type: none"> • No GSM Network Coverage • Low or no batteries • Low or no batteries in camera • Camera is turned OFF • RJ45 Com Cable is unplugged or broken • "Cellular Modem" is OFF at camera 	<ul style="list-style-type: none"> • Page 1: Network Coverage Test • Page 2: Batteries • Refer to Camera's User Manual • Page 2: RJ45 Communication Cable • Page 7: File Upload/Cellular Modem
GSM Status Indicator remains on solid and does not flash after approximately 30 seconds	<ul style="list-style-type: none"> • No GSM Network Coverage • Low or no batteries 	<ul style="list-style-type: none"> • Page 1: Network Coverage Test • Page 2: Batteries
GSM Status Indicator does not illuminate when camera is first turned on	<ul style="list-style-type: none"> • Low or no batteries • RJ45 Com Cable is unplugged or broken • ON/AUTO switch is in the ON position 	<ul style="list-style-type: none"> • Page 2: Batteries • Page 2: RJ45 Communication Cable • Page 2: ON/AUTO Switch
GSM Status Indicator always remains flashing or solid even when camera is turned OFF	<ul style="list-style-type: none"> • ON/AUTO switch is in the ON position 	<ul style="list-style-type: none"> • Page 2: ON/AUTO Switch
GSM Status Indicator is OFF	<ul style="list-style-type: none"> • No "event" has occurred to turn it on • Low/no Batteries • RJ45 Com Cable is unplugged or broken 	<ul style="list-style-type: none"> • Page 4: Setup – see Operation • Page 2: Batteries • Page 2: RJ45 Communication Cable

IV SYSTEM CONFIGURATION

All settings can be modified on the web site and most settings can be modified on the camera. SETTINGS ARE EXCHANGED BETWEEN THE WEB SITE AND CAMERA ONLY WHEN THE NEXT CELLULAR UPLOAD OCCURS. Refer to the OPERATION section in the SETUP AND OPERATION (Page 5) for a description of when cellular upload occurs.

If the settings are modified on the camera, the website will be updated. If settings are modified on the web site, the camera will be updated. The website's settings will overwrite the camera's settings if a modification is made at both the web site and the camera.

Settings on Website	Settings on Camera	Description
Select Camera	Not available at Camera	If you have multiple cameras, this list appears and allows you to select the camera of interest
Camera Name	Camera Name	10 Characters - The Camera Name can be printed on the photos and provides a point of reference when multiple cameras are used.
Time Zone	Not available at Camera	The Camera's time and date is set by the Moultrie website. Select the time zone in which the camera is located
Capture Mode	Capture Mode	Camera's operational mode - Still or Video. If set to video, a .jpg photo is also generated. Note that videos are not sent to the website.
Photo Upload Time	Not available at Camera	The time of day to do the initial upload.
Photo Upload Frequency	Immediate Upload Photos	On the website, you can choose to have the camera upload every 2,6,12, or once per day (from the Photo Upload Time) OR upload photos immediately after they are taken. UPLOADING ONCE PER DAY WILL OPTIMIZE BATTERY LIFE
Photo Upload Daily Max	Max Images/Day	Use this option to limit number of images sent per day - 5, 10, 20, 30, 50 or Unlimited
Photo Capture Resolution	Photo Quality	Low, Medium, High, or Enhanced. The higher the photo capture resolution, the larger the photo.
Photo Upload Resolution	Photo Upload Resolution	Photos can be stored in camera memory at one resolution (Photo Quality) and sent to the Moultrie Server (Photo Upload) in a lower resolution. The lower the Photo Upload Resolution the more photos that can be sent within your plan limit.
Multi-Shot Count	Multi-Shot Count	1, 2, or 3 shots. Each time the camera is activated via the motion detector, the camera can take this number of photos in a row.
Photo Delay	Photo Delay	15 seconds (some model cameras), 30 (some model cameras), 1, 5, 10, 30 or 60 minutes – the number of minutes the camera waits before taking another photo.
Trigger Mode	Feature Not Available on Some Models	Motion detection (passive infrared) or time lapse
Video Resolution	Video Resolution	Video resolution can be set to LOW or HIGH. The higher the quality of the video, the more memory it consumes. However, higher quality videos have higher resolution

I OVERVIEW (cont.)

→ RJ45 COMMUNICATION CABLE

Connect the RJ45 Communication Cable to the female port on the Moultrie Camera. Assure there are no sharp bends in cable and that the connector “clicks” into place when installed in the camera.

→ BATTERY SLIDE TRAY

GPS Game Spy Connect module requires six AA batteries. To install or replace batteries, turn the Battery Tray Release Screw 1/2 turn in the counter-clockwise direction. Pull on tray to slide out. Install the batteries while noting the polarity that is indicated on the tray. New Alkaline batteries will last approximately 30 days if IMMEDIATE UPLOAD is OFF and the Photo Upload Frequency is set to “Once per Day” in the Camera Settings page on the Moultrie Server. Energizer Lithium batteries will last significantly longer.

→ TEST/AUTO SWITCH

When set to AUTO, power will be controlled by the Moultrie camera. Use of the TEST setting for anything other than initial registration is not recommended and will cause excessive battery power drain. The TEST setting should only be used during initial registration if a camera is NOT connected.

→ CELLULAR STATUS AND POWER INDICATOR

When module is turned on by the camera (Page 4), the Cellular Status Indicator will blink repeatedly within 30 seconds if the GPS GameSpy Connect has connected to the local cellular tower. If the Cellular Status Indicator remains on solid after approximately 30 seconds, it is likely that you do not have the necessary network coverage at this location or have not yet registered - refer to the Troubleshooting Section of this document for details.

→ POWER CONNECTION MOULTRIE ACCESSORY

Accepts Moultrie options for extending or replacing batteries. Refer to www.moultriefeeders.com for more information.

→ LOCATE ME NOW BUTTON

If you are using the GPS mapping feature on Moultrie's Game Management website, your GPS Game Spy Connect radio needs to acquire a GPS coordinate in the field. To acquire the GPS coordinates, make sure you are in the field at the exact location you want to mark. Press and hold the “Locate Me Now” button for 10 seconds. When you release the button, the radio will power up and acquire a GPS coordinate. The GPS status LED will be yellow while acquiring a coordinate. After a coordinate has been acquired, the LED will turn green, and the radio will turn off automatically. This coordinate is stored and transmitted with each picture sent. If you move your camera and radio to a new location, you will need to repeat the process above to acquire a new coordinate.

II ACCOUNT REGISTRATION

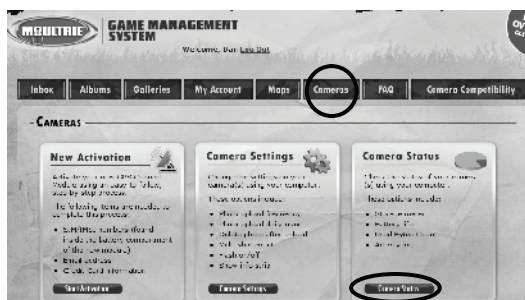
1 Monthly Membership Plans range in price based on the number of photos you intend to send each month. To register open your computer's browser, go to www.moultriegamemanagement.com, select "New Account" and follow the on-screen instructions.



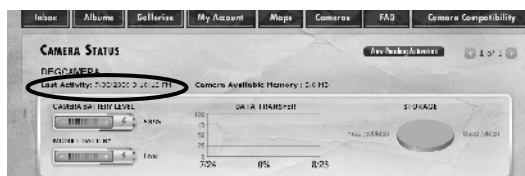
2 During registration you will be asked for the SIM and IMSI numbers. To access the SIM and IMSI numbers, remove Battery Tray and locate label on back.

3 The SIM cellular network activation could take up to an hour, but typically takes about 15 minutes.

Each time the camera is turned on, the system attempts to communicate to the website. To verify everything is working correctly, go to the CAMERAS tab and select ACCOUNT STATUS as shown.



If the Account Status shows a "Last Activity", this indicates that the registration was successful and the system is working correctly.



If an hour has expired since registration and the "Camera is being Activated" screen still appears, refer to the Troubleshooting section of this document.



III SETUP AND OPERATION

Follow these steps to setup your GPS GameSpy Connect Module:

- 1** Install 6 AA batteries (Page 3 - Batteries)
- 2** Establish a GPS coordinate if desired (Page 3 - Locate Me Now Button)
- 3** Verify Network Coverage (Page 1 - Network Coverage Test)
- 4** Verify ON/AUTO switch is on AUTO (Page 3 - ON/AUTO Switch)
- 5** Connect RJ45 Communication Cable to Camera (Page 3- RJ45 Com Cable)
- 6** Turn camera's switch to ON (refer to Camera's User Manual)
- 7** Turn "Cellular Modem" ON in Camera's Setup Menu (Page 7 - File Upload)
- 8** Mount GPS GameSpy Connect to tree or post using Mounting Brackets

OPERATION: The Camera will automatically turn on the GPS GameSpy Connect module when one of the following events occur:

- Camera is first turned on.
- It is the "Photo Upload Time" as configured in the Camera Settings page on the web site (default setting).
- A picture was just taken and "IMMEDIATE UPLOAD PHOTOS" is turned ON in the camera's setup menu and Photo Upload Frequency is set to "Immediately" in the Camera Settings page on the web site.

When the camera turns on the module it will go into "CELLULAR UPLOAD" mode which is indicated on the camera's display. During Cellular Upload, the Camera is using the GPS GameSpy Connect Module to receive settings from the website, send camera settings, and transfer photos to the Moultrie InBox.

This device contains functions that are not operational in U.S. Territories. This filing is only applicable for US operations.

The antenna gain, including cable loss, must not exceed 3 dBi at 1900 MHz / 1.4 dBi at 850 MHz for mobile operating configurations and 7 dBi at 1900 MHz / 1.4 dBi at 850 MHz for fixed mounted operations, as defined in 2.1091 and 1.1307 of the rules for satisfying RF exposure compliance.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

The final product operating with this transmitter must include operating instructions and applicable warnings, as described in this filing, for end users and installers to satisfy RF exposure compliance requirements. OEM integrators must be informed of the specific requirements.