Instructions for I60 Digital Game Camera

THANK YOU for your purchase of the Model I60 Digital Game Camera. 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. To help us to better serve you, please complete and mail the enclosed Registration Card or you can register online at www.moultriefeeders.com

GAME CAMERA OVERVIEW

External DC Input
Accepts optional Moultrie power pack to extend battery life in the field. Refer to www.moultriefeeders.com for more information.

TV Out Jack
View still pictures and videos on your TV by connecting provided cable

SD Memory Card
Accepts up to a 4GB SD Card for additional storage capabilities

USB Connector
Download still pictures and video onto your computer by connecting provided cable

Laser Aim
Laser can be enabled to precisely aim your camera during setup

*This button becomes the shutter button when lid is closed and camera is in Handheld mode
1. Remove two thumb screws and slide Accessory Door to open as shown. Remove internal thumb screw and open hinged Battery Door.

2. Install 6 Alkaline D size batteries with polarities as indicated on the top of the Battery Door. Re-install Battery and Accessory Door.

3. Secure Camera to tree or pole using strap loops on back and provided Strap.

4. Turn Camera on by sliding switch to ON position and then set the time/date using SELECT, UP and DOWN buttons.

5. Press MODE button until AUTO is displayed.

Your Camera will now automatically take pictures whenever an animal is detected in range - based on the default settings below.

### DEFAULT SETTINGS

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Default Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capture Mode</td>
<td>Still Pictures</td>
</tr>
<tr>
<td>Image Quality</td>
<td>Standard 640x480</td>
</tr>
<tr>
<td>Multi-Shot</td>
<td>1 Picture Per Detection</td>
</tr>
<tr>
<td>Delay Between Pictures</td>
<td>1 minute</td>
</tr>
<tr>
<td>Remote Control</td>
<td>Off</td>
</tr>
</tbody>
</table>
CHANGING DEFAULT SETTINGS

The UP/DOWN buttons allow you to scroll through available camera settings. Press the SELECT button to highlight the current setting (setting begins flashing). Press the UP or DOWN button to scroll through the available options (ex. 1 minute delay, 5 minute delay, 10 minute delay, etc.). Press the SELECT button again confirms your selection (setting stops flashing). Pressing the UP/DOWN buttons scrolls to the next camera setting.

→ Set Time and Date – on the SETUP DATE/TIME screen, press the SELECT button to select the Month and use the UP/DOWN buttons to modify. Press the SELECT again to select the Day, etc. The Time and Date is retained between battery changes. Time is not automatically adjusted for daylight savings.

SETUP DATE/TIME
09/01/07 12:00PM

→ Info Strip - When the Info Strip is turned ON, the information strip, as described in the Advanced Setup section of this manual, is printed on the photos. When the Info Strip is turned OFF, the photo contains no information strip.

INFO STRIP ON

→ IR Aim – The IR Aim function can be turned ON to test the aim. With IR Aim ON, the light on the front of the camera will illuminate each time the camera detects presence; however, a picture will not be taken. WARNING – IR AIM MUST BE OFF IN ORDER FOR THE CAMERA TO TAKE PICTURES.

IR AIM TEST OFF

→ Remote Control (default Off) - The remote control allows remote activation of the camera from 25 to 30 yards. Turning the Remote Control ON will reduce the battery life and should be turned OFF when not in use. To enable the remote, press the SELECT button on the REMOTE CONTROL screen and the UP or DOWN button to change to the desired setting.

REMOTE CONTROL OFF


UPDATE LEVEL1 SW NO L1_xxxxx UPDATE LEVEL2 SW NO L2_xxxxx
→ **Lock Camera** (default = 00000 = Unlocked) – a security code can be used to lock the camera. Leave code at 0000 if you do not wish to lock camera. If the Code is set, it must be remembered in order to operate camera. IF YOU FORGET YOUR CODE, YOUR CAMERA WILL NOT WORK AND MUST BE RETURNED TO MOULTTRIE TO BE RESET (a nominal service charge will apply). To change the code, press SELECT button to modify the first character. Press UP or DOWN to select the desired character (0 to 9). Press SELECT again to advance to next number.

→ **Temperature** (default Fahrenheit) – the temperature is printed on the photo and can be in degrees Fahrenheit or Celsius. To change the temperature units, press the SELECT button on the TEMPERATURE screen and the UP or DOWN button to change to the desired units.

→ **Camera ID** – the Camera ID is printed on the photos and provides a point of reference when multiple cameras are used. To change the Camera ID, press the SELECT button on the CAMERA ID screen to modify the first character. Press the UP or DOWN button to select the desired character (A to Z, 0 to 9, dash or space). Press SELECT again to sequence through all the characters.

→ **Time Lapse Frequency** (default 24 hours) – the time interval for Time Lapse Mode can be changed by pressing SELECT on the TIME LAPSE FREQUENCY screen and the UP or DOWN button to change to the desired frequency – 1, 4, 8, 12, or 24 hours.

→ **Time Lapse Start** (default 13:00 hours) – Time Lapse Mode will enable the game camera to take a picture at a specific time and interval. To set the initial picture time, press SELECT on the TIME-LAPSE screen and the UP or DOWN button to change to the desired time.

→ **Image Delay** (default setting 1 minute) – The image delay determines the number of minutes between pictures when an animal is detected and remains in range. To change the delay, press the SELECT button on the IMAGE DELAY screen to edit the setting and the UP or DOWN button to change to the desired setting.
**Multi Image** (default setting 1-shot) – When the Game Camera is configured for STILL in the Capture Mode Screen, it can take 1, 2, or 3 pictures each time an animal is detected. There is an approximate 13 second delay between pictures. To change the number of pictures taken, press SELECT on the MULTI IMAGE screen to edit the setting and the UP or DOWN button to change to the desired setting.

**Video Length** (default setting 15 seconds) – When configured for VIDEO in the Capture Mode Screen, the camera will record video for a designated amount of time each time an animal is detected. To change the amount of time recorded, press the SELECT button on the VIDEO LENGTH screen to edit the setting and the UP or DOWN button to change to the desired setting (5, 15 or 30 seconds). The default video length is 5 seconds at night.

**Image Quality** (default standard) – The higher the quality of the photo/image the more memory it consumes (see SPECIFICATIONS section). However, higher quality images have higher resolution which results in clearer images – especially when zooming in. There are four photo/image quality settings – LOW, MEDIUM, HIGH and ENHANCED. Press the SELECT button on the IMAGE QUALITY screen to edit the setting and the UP or DOWN button to change to the desired setting.

**Capture Mode** (default Still) – Your Game Camera is able to take still photos or videos. There are two video settings – HIGH-RES VIDEO or LOW-RES VIDEO. LOW-RES allows more video to be stored in memory, but the quality of the recording is less than HIGH-RES (see SPECIFICATIONS section). Press the SELECT button on the CAPTURE MODE screen to edit the settings and the UP or DOWN button to change to the desired setting.

**Restore Default Settings** (default No) – to restore all the settings back to the factory default, press the SELECT button on the DEFAULT SETTINGs screen. Press the UP or DOWN button to change the value to Yes and SELECT to activate.

**Erase Images** (default No) – to remove all the images from the internal memory or on the SD card if installed, press SELECT button on the ERASE IMAGES screen. Press the UP or DOWN button to change the value to Yes and SELECT to activate.
MODES OF OPERATION

Your Game Camera has multiple modes of operation that may be enabled by navigating to the appropriate screens via the software menu system. The camera powers-up in SETUP mode which is defined on the previous pages of this manual. Each time the MODE button is pressed, the software advances to the next mode. The sequence is: SETUP -> LCD-VIEWER-ON -> AUTO -> TIME-LAPSE -> HANDHELD (then back to SETUP and repeat).

1 SETUP MODE
Enables you to customize the operation of your camera - refer to the CHANGING DEFAULT SETTINGS section of this manual. The camera automatically goes into the AUTO mode after 4 minutes of inactivity.

2 LCD VIEWER ON MODE
Enables the on-board LCD Screen. In the LCD VIEWER mode, the UP or Down arrows allow you to sequence through your photos and videos. The picture or video number is indicated on the display - Pictures Taken / Total Available. *VID = a video clip playback.

3 AUTO MODE
The camera should be in AUTO mode when using it to take pictures or videos based on the detection of an animal. In AUTO mode the display shows the number of pictures taken / total pictures and the battery strength. When the optional external power source is used, the battery strength indicator is disabled. When AUTO mode is first entered the green status light LED will flash for 30 seconds; during this period the camera will not take a picture. When the flashing stops the camera is armed and ready.

4 TIME-LAPSE MODE
Time Lapse Mode will enable your camera to take a picture or video at a specific time and interval. In the TIME-LAPSE mode, the display indicates the hours and minutes until the next capture - DLY: 2:245.

5 HANDHELD
Handheld mode enables your game camera to be used like a regular digital camera by pressing the shutter button to take the picture. In the HANDHELD mode * indicates capturing a video clip or charging flash. RDY = Camera Ready, and V = camera is capturing video.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

> Reorient or relocate the receiving antenna.
> Increase the separation between the equipment and receiver.
> Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
> Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved in this manual could void your authority to operate this equipment.
VI ADVANCED SETUP

1 MOUNTING CAMERA
Thread provided Mounting Strap through the Eyelets on the back of the camera and secure to tree or pole approximately 36” from the ground.

Your camera is equipped with a Tripod Receptacle so you have additional ways in which to mount your camera in the field. For more information on Moultrie’s camera mounting systems, please visit our website at www.moultriefeeders.com

2 AIMING CAMERA
The Laser Aim feature will illuminate a laser beam in the center of the focal range of the camera. The “red dot” will allow you to verify that the camera is aimed at your desired location. Turn the Power Switch to the AIM position to illuminate the Laser. Adjust the Camera angle using the Up/Down Angle Adjustment Knob on back as shown above. Turn knob clockwise to angle the camera downward and counter clockwise to angle it upward.

Caution: Looking into the laser beam may be hazardous to the eyes. Do not stare into the laser beam or direct it towards other people unnecessarily. Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Class II Laser Product
Wavelength: 650 nm
Maximum Output: < 1 mW

Product complies with the applicable requirements of 21 CFR 1040.10 and 1040.11

CAUTION
LASER RADIATION
DO NOT STARE INTO BEAM

DIODE LASER
1 mW MAX OUTPUT at 650 nm
CLASS II LASER PRODUCT

AVOID EXPOSURE: Laser radiation is emitted from this aperture

Warning and Aperture label located next to laser aperture

ID/Certification Label located on inside of front cover

Moultrie Customer Service
156 Industrial Road
Albertville, AL 35950
(256) 856-9200
(800) 655-3334
M-F 8am-5pm CST

Model Number: MFFP12371
Serial Number: This product complies with applicable requirements of 21 CFR 1040.10 and 1040.11.

No user serviceable parts inside. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
3 viewing pictures - TV out
There are two methods available to you for viewing pictures - TV Out Jack or your computer.
1. To enter TV Out Mode, turn on the camera and place in the SETUP mode.
2. Plug RCA jack on provided TV Adapter Cable into a VIDEO IN port on a TV or VCR.
3. Plug other end of TV Adapter Cable into the TV Out Jack. Pictures are now presented on the TV.
4. To view pictures use the UP or DOWN button to sequence to the next/previous captured picture or video clip. The camera’s menu display shows the picture number being viewed.
5. To delete current picture or video, press the “TEST/DELETE” button.
6. To exit TV mode, unplug the TV Adapter Cable from the TV Out Jack and TV or VCR.

4 viewing pictures - USB
1. To enter USB mode, turn on camera and place in SETUP mode.
2. Plug provided USB cable into the USB port on your Windows XP/ME/2000 computer.
3. Plug other end of USB cable into the camera’s USB port.
4. To access JPG pictures and AVI movie files, navigate to “My Computer” and double click the “Moultrie CAM” folder.
5. To exit USB mode, follow Window’s instructions for properly disconnecting a removable drive and then unplug the USB cable from the computer and the camera.
Note: If the camera is placed in AUTO or HANDHELD modes the USB connection with the computer will not be successful.

5 information on picture

<table>
<thead>
<tr>
<th>Barometric Pressure</th>
<th>Temperature</th>
<th>Date</th>
<th>Time</th>
<th>Camera ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.92 inHg</td>
<td>81°F</td>
<td>04/07/06</td>
<td>02:31 PM</td>
<td>TRAIL 15</td>
</tr>
</tbody>
</table>

Moon phase details:

1. New Moon
2. Waxing Crescent
3. First Quarter
4. Waxing Gibbous
5. Full Moon
6. Waning Gibbous
7. Last Quarter
8. Waning Crescent
SD CARD
Before installing an optional SD Memory Expansion Card, the internal memory of the camera must be cleared by erasing all the internal pictures. To erase the internal memory, go to SETUP -> ERASE ALL IMAGES, Press the SELECT button, Press the UP button to change to YES and then press SETUP again to erase the images.

Once the internal memory has been erased, turn camera OFF, insert the SD Card in the slot as shown below and then turn the camera ON.

SD Card Slot
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>6.0 MP</td>
</tr>
<tr>
<td>Built-in storage Memory</td>
<td>32 MB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Resolutions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW</td>
<td>VGA-640 x 480</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>1.3M- 1328 x 996</td>
</tr>
<tr>
<td>HIGH</td>
<td>3M-2048 x 1536</td>
</tr>
<tr>
<td>ENHANCED</td>
<td>6M-2848 x 2136</td>
</tr>
<tr>
<td>LOW-RES VIDEO</td>
<td>320 x 240</td>
</tr>
<tr>
<td>HIGH-RES VIDEO</td>
<td>640 x 480</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Approximate Pictures / Videos (time) stored internal memory</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW</td>
<td>341</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>84</td>
</tr>
<tr>
<td>HIGH</td>
<td>37</td>
</tr>
<tr>
<td>ENHANCED</td>
<td>21</td>
</tr>
<tr>
<td>LOW-RES VIDEO</td>
<td>4 min 50 sec</td>
</tr>
<tr>
<td>HIGH-RES VIDEO</td>
<td>1 min 10 sec</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Approximate Pictures / Videos (time) stored 256 MB SD card</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW</td>
<td>2841</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>702</td>
</tr>
<tr>
<td>HIGH</td>
<td>307</td>
</tr>
<tr>
<td>ENHANCED</td>
<td>179</td>
</tr>
<tr>
<td>LOW-RES VIDEO</td>
<td>40 min 10 sec</td>
</tr>
<tr>
<td>HIGH-RES VIDEO</td>
<td>10 min 30 sec</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional SD Memory Card</th>
<th>4 GB Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical Field of View</td>
<td>52 degrees</td>
</tr>
<tr>
<td>Batteries</td>
<td>6 Alkaline D-cell</td>
</tr>
<tr>
<td>Approximate Detection Range</td>
<td>40 +/- 5 feet</td>
</tr>
</tbody>
</table>

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