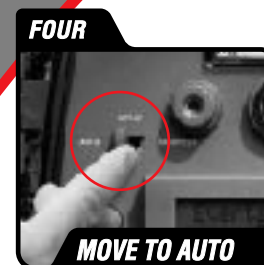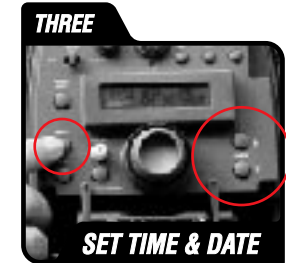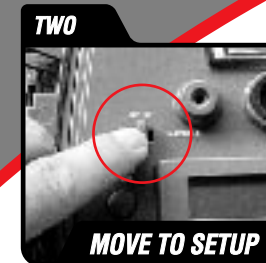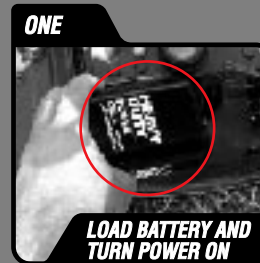## WARRANTY

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 1 year. 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 in-warranty service, call our Customer Service Department. If your problem cannot be addressed over the telephone, we may need you to send us your defective product plus proof of purchase. Enclose a check or money order for $12.50 to cover shipping and handling. Pack the product well and insure it.

Moultrie Customer Service
(205) 664-6700

www.moultriefeeders.com

Moultrie feeders
150 Industrial Rd.
Alabaster, AL 35007

Printed in China
(0904)

DIGITAL GAME CAMERA
INSTRUCTION MANUAL

5 EASY STEPS *and you are ready to go!*

ONE

LOAD BATTERY AND TURN POWER ON

TWO

MOVE TO SETUP

THREE

SET TIME & DATE

FOUR

MOVE TO AUTO

FIVE

WAIT FOR LIGHT TO GO OUT

Please take a few minutes to read and understand the instructions inside for further details about the system.

Product Description

Viewfinder

Electronic Flash

Light Sensor

Camera Lens

Shutter
Button

LCD Status Display

Lockable latch

Weather
Resistant
Housing

Infrared
Sensor

Clock Battery
Holder

Battery Hold Down

SD Memory Card Slot

USB Out

TV Out

Mounting
Strap Lug

Status
Light

Power ON/Off

Diagnostic test Button

Light Sensor

Control Box Latch

Laser Aim Button

Mode Switch

Laser

Default Reset Button

Menu Button

Status Light

Enter Button

Infrared Test Button

UP▲Down▼Change Buttons

Battery Compartment

Battery Connectors (+ red,− black)

Solar Panel Connection

Weather-Resistant Seal

Optional Laser
Modes of operation
The Aiming Laser will function only in the SETUP and AUTO modes. If the user does not turn the laser off, the laser turns itself off automatically in 60 seconds.

Auto, Setup, and Handheld Modes
Auto mode
After entering the AUTO mode the status LED first flashes for 30 sec., then the camera goes to detection mode waiting for activity to take place. The status LED also flashes for 30 sec. following the end of the Infrared test or Laser aim operation.

Setup mode
In SETUP mode the display shows the date and time which is the first item of the setup menu. The user can navigate the setup menu using Menu button. Changes are made with Enter and up/down buttons.

Handheld mode
In HANDHELD mode the display will show the pictures taken, pictures remaining and the battery strength. The red status LED will flash to indicate that the Camera and Flash are getting ready; when ready the status LED will stay lit. Only then will the user be able to take a picture by pressing the external shutter button. The menu setting will determine the type of picture taken.

Flash
Flash readiness and range
During the dark hours of the day, the flash is kept charged and ready to capture an image at a distance of up to 32 ft. The flash operation is automatic and requires no user settings.

Flash and Video Capture
When video setting is selected, the flash is disabled. Video clips are only captured during day time. During the dark or low light levels the camera will automatically switch to still picture settings and use flash.

USB and Video Connection
Entering USB mode
Camera must be powered ON and must first be placed in SETUP. Then the USB adapter cable must be plugged into the USB port. The camera is sensed as a removable drive from the connected computer. Win 2000/XP & ME do not require additional drivers.

USB and TV OUT Cable
The cables furnished may require an adapter for your equipment in some situations.

Automatic Functions
Low light or night situations
The video clip function will be automatically switched to still photos in low light or night situations. Note the type of still picture will be whatever the user has set up in the menu.

Hibernation Mode
The unit will have an Auto Sleep feature that will put the unit into a low power sleep mode during set up or hand held if no activity takes place in 5 minutes. This feature is will not apply if the USB or Video outputs are being used.

Delay Status Menu
When the unit is in the delay mode the LCD will display: Camera Delay and the amount of time remaining in the delay. Note, this display changes to :Camera Ready when not in the delay status.

Overview

General Operation

Your battery operated unit may be used to capture images that activate the infrared sensor or be used as a hand held camera. It has a compressive menu of options that allow you to customize to your own needs or just use the factory settings. You can record images or video clips on internal memory or optional SD Memory cards. **NEVER USE THE UNIT WITH THE DOOR OPEN EXCEPT TO SET IT UP.**

Image Storage

Your unit has two methods of storing images.

Standard - **All images are stored on the internal memory and may only be viewed by downloading to a computer or a TV monitor from the unit.**

Expanded - Same as (Standard) except the images are recorded on an optional SD memory card that can be removed for processing in your computer or taken to a photo processor without removing the unit from service.

Image Capacity - Is determined by the quality of the image and the amount of memory available. Use the following as a guide for every 16 MB of memory available:

Standard   (640 X 480) = 145 images
High Resolution   (1280 X 1024) = 38 Images
10 Second Video   (320 X 240) = 18 Clips

SD MEMORY CARD CAPACITY
Maximum card size allowed is 256 MB
(sold separately)

Power Options

The unit must operate on 6 volt DC only. Use standard 6 volt lantern battery or equivalent. If optional 6 volt rechargeable battery is installed an optional Solar Panel charger may also be used.

DANGER - Using a solar panel with non-rechargeable batteries will result in damage!

Battery Life - Under normal operating conditions a battery will last about a month when using factory settings. However, temperature and operating parameters will have an effect on battery life.

Testing & Troubleshooting

Laser Aim (optional)
Press Laser Aim button to precision aim or verify the camera positioning.

Infrared Test
Press Infrared Test button and move in front of camera to verify coverage.

Default Reset
While in Setup mode, press & hold Default reset button for three seconds to reset to factory settings.

System Reset
Press Power on/off to restart system, this will reset the internal system.

Diagnostic Test
Press Diagnostic Test button to test all system components. Results displayed on the LCD panel.

Diagnostic Test Results

TEST	PROBLEM CODE	SOLUTION
Battery	1	Change battery
Flash	2	Change battery and system reset
Infrared Sensor	3	Create motion in front of sensor during test
Camera	4	Change battery and system reset
Memory	0	OK or no card
Memory Full	5	Erase images stored or add more memory
SD Memory Card Locked	6	Unlock card
SD Card Damaged	7	Erase and format card or replace card
Communication Error	8	Change battery and system reset
Clock	9	Change clock battery and system reset
All Systems OK	n/a	No action required

Moultrie Customer Service
150 Industrial Rd.
Alabaster, AL 35007

(205) 664-6700

www.moultriefeeders.com
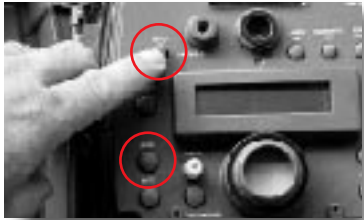
Operating the System

Mounting
Mount the system securely in the desired location.

Setup
Turn Power ON. Move Mode switch to the Setup position and press the menu button to start the setup list or use the factory settings.
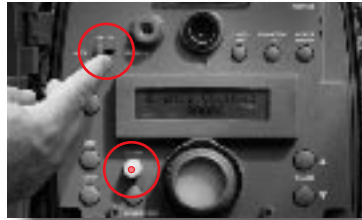

Aiming
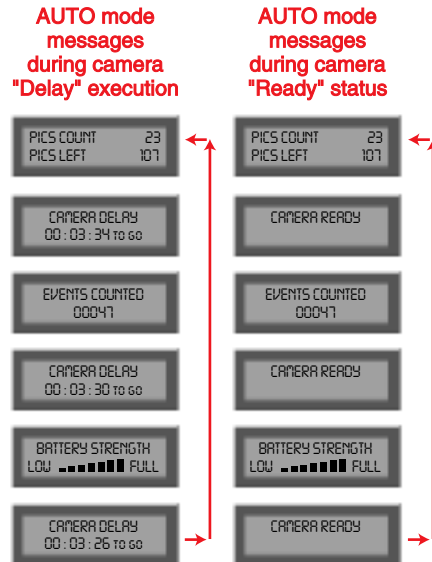Use the Laser Aim or Infrared Test to position camera as desired.

Operating
Move the Mode switch to Auto and wait for the status light to go out. The system is armed and functioning!

Monitoring
In the Auto mode, the LCD panel will continually display the following information:

AUTO mode messages during camera "Delay" execution

AUTO mode messages during camera "Ready" status

| PICS COUNT   23 | PICS COUNT   23 |
| PICS LEFT   107 | PICS LEFT   107 |

| CAMERA DELAY 00:03:34 TO GO | CAMERA READY |

| EVENTS COUNTED 00047 | EVENTS COUNTED 00047 |

| CAMERA DELAY 00:03:30 TO GO | CAMERA READY |

| BATTERY STRENGTH LOW ▪▪▪▪▪▪▪▪ FULL | BATTERY STRENGTH LOW ▪▪▪▪▪▪▪▪ FULL |

| CAMERA DELAY 00:03:26 TO GO | CAMERA READY |

Retrieving Images
IMPORTANT: Without optional memory card installed all images are stored on the internal memory and may only be viewed by downloading to a computer or a TV monitor from the unit.
Connect the unit to a Windows 2000/ME/or XP computer system with a USB jack or a TV Monitor with a video jack. If an optional SD card was used it can be removed and read with an optional card reader.

TV Image Viewing
Move the Mode Switch to Setup. Connect unit TV OUT to a VIDEO IN jack on your TV. Use the ▲ or ▼ buttons to scroll through recorded images. Video cable included.

Connect to a TV Monitor

Computer Image Viewing
Move the Mode Switch to Setup. Connect unit USB OUT to a USB jack on your computer. Double click "My Computer" on the desktop and browse "removable disk". All your images will be stored inside. Images can be downloaded to your hard disk and edited or printed as desired. The first image in the video mode is still and contains time and date information for the video clip. USB cable included.

Connect to a Computer

Take Optional SD Memory Card to Processor

SD Memory Card
Your computer may read this card with a reader or take the card to a photo processor for prints.

IMPORTANT: Always turn unit off when inserting or removing a memory card to avoid damage and ensure that the camera properly updates the memory information.

Handheld
If required you can use the system as a normal camera. Move the Mode Switch to Handheld, close case and wait for Status light to stop flashing. Using the viewfinder and shutter button you may take still or video clips as determined in the Setup mode.

Operating the System

Laser Aiming (optional)

Use the Laser Aim or Infrared Test to position camera as desired. Activate the laser by pressing the Laser Aim button. The LCD display will indicate that the laser is ON.

Press the Laser Aim button again to turn the laser off when not needed. The laser will shut off automatically after one minute.

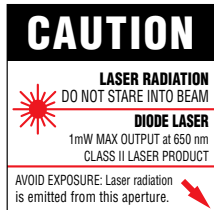**Note:** Aiming laser will function only in SETUP and AUTO modes.

Laser Classification

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

CAUTION: Looking into the laser beam may be hazardous to the eyes. Do not stare into the 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.

WARNING: Looking directly into the beam with optical aids (e.g. binoculars, telescopes) can be hazardous to the eyes.

CAUTION

LASER RADIATION
DO NOT STARE INTO BEAM

DIODE LASER
1mW 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

Product complies with applicable requirements of 21 CFR 1040.10 and 1040.11

Questions or Problems Contact:
Moultrie Customer Service
(205) 664-6700
150 Industrial Rd. Alabaster, AL 35007

Model Number: 00094 ☐ 60089 ☐ 60099 ☐

Serial Number: _____

Manufacturer: Global Point Products, Farmington, NY 14425

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

No user serviceable parts inside.

ID/Certification Label
Located in battery chamber

Power Options (continued)

Clock Battery - This is a long life battery that needs to be changed only when the clock fails to keep proper time or user settings are lost. Replace with CR2025 or equivalent.

Load battery and holder in clock battery compartment

Holder

Load battery in holder   Holder   3V BATTERY
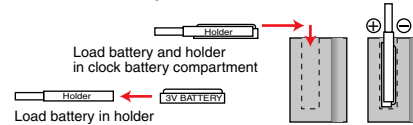
System Setup

You can use the Quick Start method to set the system using factory installed settings (Defaults). The system is fully functional for most applications after the battery has been installed, the time & date have been set, and the system has been turned ON, or you can put in custom settings as follows:

User Setup Sequence

SETTING	FACTORY SETTING (Default)	USER OPTIONS
Time	Set Locally	n/a
Date	Set Locally	n/a
Event Counter	0	Indicates number of times the IR sensor was activated. May be reset as desired.
Image Capture Mode	Still	Still or Video
Still Image Quality	Standard	Standard or High
Image Delay	1 Minute	20 seconds to 60 minutes
Image Sequence	1 picture per event	1 - 2 - 3 - pictures per event
Erase images	n/a	Yes - No
Camera ID	Blank	8 letters or numbers that will appear on your pictures.

Events - An event is when the infrared sensor detects movement. A picture is recorded when the camera is activated by an event or manually in the Handheld mode. Each event may cause still images or videos to be made. Note if you exceed the available memory pictures will not be made, but events will be counted.

Helpful User Tips

Power Supply

Battery life
With camera default settings, a 6Ah SLA (Sealed Lead Acid) Lantern battery will power the camera for approximately 30 days. Leaving the system in Set up or Hand held mode will shorten the battery life quickly. If the status light flashes continuously and the display is dim, the battery must be replaced. Make sure the battery contacts are clean.

Solar power source
Connect only a 6 V solar charger to the external charging posts to trickle charge a rechargeable (SLA) battery during sunshine. DANGER: Never use solar panel with non rechargeable batteries. Damage will result!

Turning the Unit ON / OFF

Power ON
In the Auto Mode the led flashes for 30 seconds before arming the system. When the LED goes out the system is working.

Turning OFF
The unit saves all setup data and turns OFF. If a solar charger is attached, the rechargeable battery will not be charged when the unit is in the OFF state. Turning the unit ON & OFF resets the internal systems. This will not change your settings or erase images.

SD Memory Card (optional)

SD memory card not installed
When the camera is turned on and an SD memory card is not present, pictures are automatically stored in the on-board camera memory. The stored images may only be viewed on a computer or TV connected to the unit.

Inserting an SD memory card
When an SD memory card is inserted, any pictures stored in the camera on-board memory become inaccessible, but are not lost. The user can access these pictures via the camera USB port when the SD memory card is not installed.

Infrared Test

Modes of operation
Infrared test may be used in the SETUP and AUTO modes. When in AUTO mode, the camera does not capture images during the test.

Performing the test
Press the Infrared test button to start the test. Move in front of the camera and observe the status LED light up during detection. The test will stop automatically 2.5 min. after starting or by pressing the Infrared test button again. This method may be used to aim the unit by establishing the field of view.

Events

Multiple pictures per event
Depending on user settings the camera may take 1, 2 or 3 pictures per event spaced approximately 20 seconds apart. If the camera fails to detect motion after the first detection the camera will still take subsequent pictures. When capture mode is set to video this setting is ignored; only one video clip is captured. When the camera is in HANDHELD mode this setting is ignored; only one still image or video clip is captured. Note: In low light or darkness the unit automatically switches to still images with a flash.

Specifications

Dual Mode	Mounted or Handheld
Housing	Weather-resistant and lockable
Display	Liquid Crystal Display (LCD)
LCD Status Display	Time Date
	Battery strength Pictures taken
	Pictures remaining Events
	Menu settings Diagnostic results
	Video recording Laser aiming
	Infrared test Delay Status
Status LED	System, battery or Infrared status
Sensor	1.3 Megapixel
Built-in Memory	16 MB
Memory Card	Up to 256 MB SD card (optional)
Image Output	USB OUT, TV OUT, SD Card
USB Output	Requires PC with Windows 2000/ME/XP.
Still Image	JPG: Standard 640 X 480 / High 1280 x 1024
Video Clip	AVI: 320 X 240, Length 10 Seconds
Picture Delay	Variable 20 Seconds - 60 Minutes
Sequential Delay	15 Seconds between still pictures
Lens	Multi element, 10.2mm, F:2.8
Field of View	42°
Focus	4' - Infinity
Infrared Sensor	Passive
Infrared Distance	32'
Infrared Width	22°
Flash	Automatic
Flash Range	30'
Flash Cycle	15 Seconds
Power Supply	6 Volt Lantern Battery or equivalent
Power Connection	Alligator clips, red = ⊕ / black = ⊖
Battery Hold Downs	Holds battery in place
Clock Battery	3 Volt battery powers LCD Time and Date
Laser Aim	(optional) Class 2
Size	7" X 10.25" X 3.5"
Options	Security cable and padlock, mounting hardware, camouflage, Rechargeable battery, Battery charger, Solar charger, Memory Cards.