

## DIGITAL GAME CAMERA

Model iR-5 & iR-7SS



### CONTENTS:

GETTING STARTED .....	2
MOTION DETECTOR .....	3
MODEL iR-5 AND iR-7SS .....	8
SETTING THE TIME .....	9
CAMERA MENUS .....	10
CONNECTING TO A COMPUTER .....	13
TROUBLESHOOTING .....	14
WARRANTY .....	15

### Leaf River Outdoor Products

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### BATTERIES

The Game Camera requires **four D** batteries and **three C** batteries. Follow the directions on the bottom of the battery compartment. Please be sure to install the batteries correctly. If the batteries are installed incorrectly, they will leak battery acid and void the warranty. Once the batteries are loaded, you can begin taking your first pictures. Set the main power switch to ON and in about a minute, the camera will begin sensing motion and taking pictures using the default settings.



### MOUNTING THE CAMERA

When you're ready to set up your camera in the field, you have several options. There is a supplied **strap** to hold the camera in place. Holes in the steel mounting bracket let you attach your own **chain** or heavy duty **cable lock**. The supplied **steel security bar**, when used with your locks, prevents tampering and gives you access to the camera controls while the unit remains fastened to a tree or post. Owners have found many ways to mount their cameras for their own applications. Use your imagination; check out our web-site for ideas.



#### TIP

*Since it takes both hands to attach the supplied strap, place the camera against the tree and lean against it with your body while you tighten the strap.*

#### TIP

*When mounting the camera, check to see that it is level and aimed correctly. The best "Target Zone" should be about 15 to 20 feet in front of the camera.*

#### TIP

*Generally, daytime pictures look better when the camera is pointed north, away from the sun. The rising or setting sun can trigger the camera when no animals are present.*

## MOTION DETECTOR

How do I work this?

### MOTION DETECTOR

controls are located in the lower half of the inside of the Game Camera's door. They include an LCD panel which displays settings and battery status. Any time the unit is turned on, it will begin detecting motion and taking pictures 60 seconds after the last button is pushed.



**IMPORTANT!** Always follow these three steps when changing **Motion Detector** settings:

1. Turn Main Power on.
2. Wait until the back light goes out in lower display.
3. Press the cam-pw button. The CAM-IN-USE light will come on and stay on.

The large numbers on the LCD panel are the "**Event Counter**" which displays the number of times the motion detector triggers, up to 400 events. The Event Counter continues to work even after the internal memory or the SD card is full. To reset the Event Counter to zero press and hold the "**OK/Delete**" button for several seconds until the numbers flash, then release the button.



When the storage space in the camera is full, the LCD will blink "**MEMORY FULL**". If this happens, you should delete pictures, add an SD card, or change the SD card. After these procedures, turn the camera off and back on to reset memory. The motion detector will not tell the camera to take any more pictures if the memory is full.

## MOTION DETECTOR

What about the display and the Work button?

4



**THE LCD PANEL** displays two "**Battery**" icons which tell you how much power remains in the batteries. The upper icon is for the D cell batteries or the camera operation. The lower icon is for the C cell batteries or the motion detector. The icons have three settings: "FULL", Half Full" or "Empty". To get an accurate reading, make sure the camera is on and warmed up, then check the battery icon. The camera will continue to take pictures when the batteries are half full, but you should change the batteries when the icon says they are empty.



**THE WORK BUTTON** selects between "**Day**," "**Night**," and "**24 Hour**" operation. The "**Sun**" icon, on the left of the LCD screen means the camera will take pictures only in daytime. The "**Moon**" icon means the camera will take pictures only at night. The "**Clock**" icon means the camera will take pictures both day and night. Press "**Work**" once, the current setting icon will flash. Press "**Work**" again, while the icon is flashing, and the icon will change. When the new icon is flashing wait 10 seconds or press the "**OK/Delete**" button to record the change. The icon will stop flashing.

**MOTION DETECTOR**

What do Pause and Q-Shot mean?



**THE PAUSE BUTTON** selects the number of minutes the camera will wait after it takes a picture before it can take another one. This prevents taking too many pictures of the same animal if it stays in front of the camera.

When you first turn on the Game Camera with the main power switch, it takes about 15 seconds to charge up. The "bottom LCD screen light will go off when the camera is ready.

Press "**Pause**" once, the current setting will flash. Press "**Pause**" again to change the setting. You can select between zero and sixty minutes of pause time. A pause setting of 00 minutes minimizes pause time once the picture has been processed allowing for more pictures to be taken if additional motion is detected.

The "**Pause**" button is also used to set the length of daytime video clips between three and ninety seconds. Press and hold the "**Pause**" button for three seconds; a video camera icon appears in the display. Press the "**Pause**" button again to select the number of seconds each video clip will record. Press "**OK/Delete**" to record the change.



**THE Q-SHOT** or "**Quick Shot**" button allows the camera to take a second or third picture without entering a pause time, if additional motion is detected. Sometimes there may be one or more animals behind the first one that triggers the motion detector.

Day or night the camera will be ready to take the next Quick Shot in 20 seconds.

Press the "**Q-Shot**" button, the current setting flashes. Press the "**Q-Shot**" button again to change the setting to "**2**" or "**3**" for a possible second or third picture if additional motion is detected. Press "**OK/Delete**" to record the change.

## MOTION DETECTOR

What does the Distance Dial do?

6



**THE DISTANCE DIAL** adjusts the sensitivity of the motion detector. Use this feature to adjust the detection range so that night pictures are within the range of the illuminator. Turn the dial to the right to increase the distance. Turn the dial to the left to decrease the distance. In most situations you can start with the dial turned all the way to the right.

The best way to check the effect of the distance setting is to turn the main power switch on the base of the unit to **"Test"**. The **"Test"** light on the front of the unit will light for 60 seconds while the detector charges up. After the light goes off, walk around in front of the camera where you think animals will be moving. When the camera detects your motion, the **"Test"** light will blink three times. When you see how the camera reacts to your motion, you may want to adjust the **"Distance"** setting, or change the direction or height the camera is mounted.

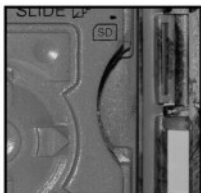
The camera will not take pictures during the Test, but after three minutes, it will automatically set itself to **"On"** mode and begin taking pictures when something moves. You may change the main switch from **"Test"** to **"On"** or **"Off"** at any time.



The Test light on the front of the camera flashes momentarily any time you press any button. It is also a reminder to turn off the digital camera if the **"Cam/Power"** switch is left on. The motion detector can't tell the camera to take pictures when the **"Cam/Power"** switch is on.

## MOTION DETECTOR

How do I store and view pictures?



**THE SD SLOT** accepts optional “Secure Digital” (SD) or Multi-media (MMC) cards.

**IMPORTANT!** When you insert or remove an SD or MMC card, make sure the “Cam/Power” is set to “Off.” **Otherwise, you may lose your pictures or damage the card.** Slide the card in gently, without force. If it doesn’t go in easily, recheck the alignment.



You can copy pictures into your computer using a **SD/MMC card reader** or you can take the card to a photo finisher for making prints. The camera can take a limited number of pictures using its internal memory if you don’t have a SD or MMC card installed. When an SD or MMC card is installed, pictures are stored on the card instead of in the internal memory.



**THE USB PORT** is for connecting to a computer. You can copy pictures from your camera to a computer using the supplied **USB cable**. Your computer sees the camera as a removable disk drive. **The TV Out** port uses the supplied video cable to show camera menus and your pictures or video through the video input on your television. Remember before connecting to a TV or Computer you must have a picture present in the viewing screen.

When using a Secured Digital or Multimedia card for memory storage it is important that the card be formatted in the camera for the card to be used to its full capacity. This process will delete all of the images stored on the card, so be sure to save any pictures that you would like to keep before proceeding with this step. To format the card follow the four steps referred to on page 4.

**GAME CAMERA MODELS iR-5 and iR-7SS** use an infra-red illuminator as a light source. Unlike a typical camera with a flash for making still shots, this camera can make video clips in total darkness at night. The infra-red light is invisible to people and animals, but the illuminator glows slightly red when it is on. Animals (or people) will not be disturbed by camera flashes at night. (Because the camera records night pictures with infra-red light rather than visible light, most pictures will appear black and white. Colors in photos made in daylight will always be true to life)

**LEAF RIVER CAMERAMODEL iR-5 & iR-7SS** have an LCD viewing screen for setting camera options and pictures, video or sound recorded by the camera. The circular control is the



**“Navigator”** with **“Left”**, **“Right”**, **“Up”** and **“Down”** directional keys. The center is the **“Menu”** button. The **“Left”** and **“Right”** keys select functions. The **“Up”** and **“Down”** keys change the setting. **“Preview”** powers the viewing screen ON by following the steps on page 4. It also toggles the screen between Live screen and Picture Viewing

Screen. While viewing pictures you can view the previous picture by pressing the left navigation button. Press the **“Display”** button to view a page of several thumbnail sized images. You can also highlight a thumbnail image and press **“Display”** to view it on the full screen.

First, let's set the **date and time**. Follow the **3 Steps** on **Page 4** to power on the camera. Press **“Menu,”** the center button on the round Navigator. Press the **“Right”** or **“Left”** Navigator keys until the **“Date and Time”** menu appears. Use the **“Up”** and **“Down”** navigator keys to highlight **“Set”**. Press the **“Center”** button to display **“Year, Month, Day, and Date.”** Use the **“Left”** and **“Right”** keys to select an item to change. Use the **“Up”** and **“Down”** key to change the setting. Notice that the camera uses a 24 hour, military-style clock: 2:00 PM will display as 14:00. The display shows hours, minutes, and seconds. When the year, month, day, and time are correct, press the center **“Menu”** button. To ensure the camera saves your selection, be sure to turn off main power to the camera.

**TIP**

*When the Trigger Time switch is set to Fast, the Game Camera is ready to take a picture faster or use Battery Save mode for maximum battery life.*

**TIP**

*When you change from picture viewing to picture taking, from Video to Single, or from Fast to Bat Save, you **must** turn the Main Power off, then back on to reset the camera.*

**MENUS** give you access to a great many camera controls, probably more than most people need to bother with, but here are the details. You can change camera settings by using the LCD or by connecting the "TV OUT" from the camera to a television.

**PICTURE VIEWING** - To access the mode, follow the four steps on page four. Next press the PREVIEW button. "NO IMAGES EXIST" or an image will appear in the viewing screen. Now press the center round menu button.

**1. ERASE**

- a. Exit
- b. Delete One
- c. Delete All
- d. Format
- e. Protect

**2. DATE/TIME**

- a. Exit
- b. Set
- c. Stamp On/Off

**3. TV OUT**

- a. Exit
- b. NTSC 60 htz
- c. PAL (European standard) 50 htz

**4. USB**

- a. Exit
- b. MSDC  
(most computers)
- c. SIDC  
(some computers)

**LIVE CAMERA MODE** - To access this mode, while viewing a picture in the viewing screen, press the PREVIEW button. Next, press the center round menu button

**1. CAPTURE MODE**

- a. Exit
- b. SINGLE
- c. Video

**2. RESOLUTION**

- a. Exit
- b. High
- c. NORMAL
- d. Basic
- e. Low

**3. QUALITY**

- a. Exit
- b. High
- c. Normal

**4. DATE/TIME**

- a. Exit
- b. Set
- c. Stamp Off/On

**5. TV OUT**

- a. Exit
- b. NTSC 60 htz
- c. PAL (European standard) 50 htz

**6. LANGUAGE**

- a. Exit
- b. ENGLISH
- c. French

**7. BRIGHT-ISO**

- a. Exit
- b. AUTO

**Erase Menu**

- One -** Erases the one image you are viewing
- All -** Erases all your stored images, exclusive of protected images
- Format -** Formats memory. Before using any SD cards, follow the procedure found on page 9.
- Protect -** Protects the image you are using., You can protect an image(s) then select erase ALL, and the remaining images that have not been protected will be erased.

**Date/Time -** Detailed instructions to change this setting can be found on page 10. The Stamp ON/OFF setting allows you to turn the date and time stamp in the lower right hand corner of the picture off or on. If you want the stamp on your picture, you must scroll down to where 'Stamp On' is highlighted and then select that by pressing the center menu button. Now turn the main power of your camera off to save your selection.

**TV Out -** NTSC Default setting will work in most cases.

**USB -** MSDC Default setting will work in most cases.

**Capture Mode**

- Single -** Default setting. It sets the camera to capture still shot images.
- Video -** Sets the camera to record moving images. The duration of video clips is set in the Motion Detector controls using the "Pause" button described on page 6.

**Resolution -** Determines the resolution of the images the camera captures. The higher the resolution, the more memory is required to store the image.

**Zoom & Pan -** To zoom in on an image, press the "UP" navigational button. While in ZOOM mode, you can press the menu button and pan around the image using the navigational buttons. To exit the PAN mode, press the menu button. This is a very useful feature when you want to take a closer look at the Date/Time of a picture.

**Trigger Time -** When set to FAST, the camera reacts faster to moving animals and takes pictures without the need to warm up first. Setting the switch to Battery Save will increase battery life and provide adequate trigger time for most situations.

**IMPORTANT!** *After any changes are made to the camera menus, the camera must be turned OFF and back ON before changes take effect.*

Trigger speed has become one of the most talked about subjects in the game camera industry. In designing our cameras to better fit our customers' needs, we've addressed this issue by equipping our cameras with a switch that the user can adjust without entering the camera's menus. The switch has two settings, one for a faster trigger speed and the other for an extended battery life. The **Battery Save** setting allows the user to set the camera up in a remote location and leave it for months at a time. The **Fast Trigger** setting is designed to allow the user to set the camera up in an area that animals are going to be passing through at a quicker pace, such as a trail, and therefore the camera has only a limited time to capture the image. When using the **Fast Trigger** mode, the camera will remain in the **Battery Save** mode until the first picture is taken. From that point the camera will be in the **Fast Trigger** mode. The camera needs to be turned OFF and then back ON when switching from one to the other.

You will also notice the connection port located on the bottom of the unit next to the ON/OFF switch. This is NOT an external power source jack. **DO NOT ATTEMPT TO CONNECT ANY POWER SOURCE TO THIS CONNECTION.** This connection port is intended for the use of a secondary infra-red light source which is offered by Leaf River Outdoor Products. You can see your local dealer or visit us at [www.myleafriver.com](http://www.myleafriver.com) to find available products.

**TIP**

*For better pictures when setting up your camera on a trail, point the camera along the trail rather than across the trail. This lets you see more than one animal if they are in a line.*

**TIP**

*Use the supplied picture editing software to enhance the contrast of night pictures before you have prints made. You can crop pictures so animals are larger on the prints.*

**TIP**

*Remove the batteries from the Game Camera before storing it for long periods to prevent damage to the camera if the batteries should leak.*

**TIP**

*If you set resolution to High, the Game Camera makes larger and better quality image files. You can always delete unwanted digital pictures.*

To transfer pictures from your camera to your computer, you have a few choices. One way is to take the **SD card** from the camera [with the power Off] and plug it directly into the **SD slot** on some computers. You can buy a small **SD card reader** that plugs into a **USB port** on your computer. You can also connect the Game Camera to your computer by the supplied **USB cable**. First make sure your computer is on and running. Follow the **4 Steps on Page 4** to power on the camera. Use the "**Preview**" button to display an image on the camera screen. Connect the USB cable from the camera to the computer. The computer recognizes the camera as a removable disk. You can see the images in a folder with a name like 100MEDIA. In some versions of Windows®, a pop-up menu will display options for viewing or copying pictures. One way to transfer files is to drag and drop the 100MEDIA folder from the camera or SD card to a folder on your computer, then rename the 100MEDIA folder. You can view, edit or delete pictures with your own programs, or with the software supplied with your Game Camera. Some computers let you store images on a CD-R.

### **INSTALLING PHOTO EXPRESS IMAGE EDITING SOFTWARE**

Insert the supplied installation CD. Click the "Photo Express" button on the welcome screen. Select your language. Follow the instructions. Restart your computer. With your Game Camera power and Cam/Power on, and with the USB cable connected to your computer. Open "Photo Express". Click "File" under the "Obtain" menu, then click "Browse for Folder". Choose the removable disk which is assigned for the Game Camera [E through J]; then select DCIM\100MEDIA. Click "OK" to download pictures into "Photo Express."

### **INSTALLING VIDEO STUDIO MOVIE EDITING SOFTWARE**

Insert installation CD. Click "Video Studio". Select your language. Follow the instructions. Restart your computer.

**TIP**

*When transferring pictures from the SD card by copying the 100MEDIA folder, you can organize your folders by renaming them with the date and subject: 2008.11.10.deer*

**TIP**

*Photo labs can make prints from the images on your SD card; first delete unwanted pictures. You can copy edited picture*

**NO ANIMALS IN SOME OF MY PICTURES**

1. Check to see if the camera is pointing at the rising or setting sun which can trigger the sensor.
2. At night, the Motion Detector may sense animals beyond the range of the illuminator. Reduce the distance setting.
3. Small animals may be triggering the unit. Reduce the Distance setting and/or raise the height of the camera above small animals.
4. The Motion Detector may sense animals through foliage. Reduce the Distance Setting.
5. If the animal moves quickly, it may have moved out of the view of the camera.
  - a. Move the camera further back.
  - b. Point the camera up or down a trail, not across it.
6. Make sure the mounting post or tree is stable and doesn't move.

**CAM-IN-USE LIGHT ON; CAMERA NOT RESPONDING**

1. The camera may have timed out and shut down. Turn the camera off and then back on again.
2. If you have just turned the Cam/Power button on, wait a few seconds until the small light near the SD slot goes off.
3. Check the D cell batteries that supply the camera.

**CAM/POWER BUTTON DOES NOT RESPOND**

If you have just turned the main power switch on, wait a few seconds until the "Pause Min" icon flashes on the Motion Detector LCD.

**RED LIGHT ON FRONT OF CAMERA STAYS ON**

1. Check to see if the main power switch is in Test mode.
2. Check to see if the Cam/Power button is set to On mode.

**DAYLIGHT PICTURES ARE TOO WHITE**

1. Camera may be pointed at the sun; point away from sun.

**DAY PICTURES, BUT NO NIGHT PICTURES**

1. The Motion Detector may be set to "Day Only", sun icon.
2. Camera batteries may be too weak to charge the illuminator.

**TIME & DATE NOT ON PICTURES**

1. Go into the Date and Time menu. Select "STAMP ON."
  - a. Scroll down to "STAMP ON."
  - b. Select by pressing the center menu button.
  - c. Turn the camera off and then back on.

**LIMITED WARRANTY**

Your Leaf River Game Camera is covered by a **Limited Warranty on parts and labor** for a period of **one year** from the date of purchase. The warranty applies to defects in materials and workmanship. the warranty does not apply to units that have been damaged, abused, modified, serviced by unauthorized persons, or exposed to extreme temperatures below **-20° C [-4° F]** or above **+60° C [+140° F]**. **Your sales receipt is your proof of purchase and should be presented if warranty service is needed.**

**REPAIR SERVICE**

Repair service for damage or other problems not covered by warranty will be provided at a reasonable charge. We have designed the electronics of the Leaf River Digital Game Camera to minimize repair cost and time.

For Warranty or Repair Service, please call:  
(601) 785-9854 or Toll Free 866-775-5351.

**YOUR COMMENTS AND PICTURES**

We welcome and appreciate your suggestions, comments, and pictures. Send us your pictures to our email address for possible use on our web-site or literature.

**THANKS!**

We hope this manual helps you get started using your camera. If you have any questions, more information can be found on our web-site where you'll find tips and tricks for making better wildlife pictures. Again we thank you for your purchase. We know you will enjoy your new Digital Game Camera and we hope you'll look for other quality items from:

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