QUICK START INSTRUCTIONS
for Models DV-5 and DV-7SS

Load batteries according to the diagram in the battery compartment. The three C batteries are for the motion detector. The four D batteries are for the camera and flash. Please note that the two left D batteries should be loaded + down and the two right D batteries should be loaded + up.

To expand memory, install an SD or MMC card in the card slot. (card not included.)

Turn unit to ON position using the switch on the bottom of the unit.

Wait for the back light to go out on the lower screen.

Now you may begin to change the motion detector settings if desired or press the CAM/PW button to make your choices for the camera settings and to set the date and time.

MOTION DETECTOR
To change motion detector settings just press the appropriate button and the setting for that item will start to flash. Press again and the setting will change to the next choice. Keep pressing to scroll through the choices for that setting. When you have reached the desired setting, press and release the OK/DEL button to choose that setting, or just wait a few seconds until it stops flashing. To set the length of video, press and hold the Pause button until the video camera icon appears. Now press the button again and scroll through the video length setting choices. Choose a setting and press OK/DEL to lock in that setting.

CAMERA
To change camera settings or to review pictures or video, press the CAM/PW button. A little red light above the card slot should light and then go out. Now press the preview button. Operation from that point is like most consumer digital cameras. You can choose to format, set date and time, choose still pictures or video, and choose resolution for still picture and video, etc., by going right or left through the menu with the navigator buttons. To change or select settings, use the UP or DOWN buttons on your navigator. Use the center button to confirm a setting.

When you are done, remember to press the CAM/PW button to turn off the light above the button.

Now turn the main power OFF. This is the center position of the switch on the bottom of the housing.

Select a location, attach camera to a tree or post, turn main power on and leave.

When you return later to check your camera, turn the main power OFF to take the camera out of motion detection mode. Wait a few seconds and turn the main power back ON. Wait until the back light goes off on the lower screen. Follow procedures in the camera section shown above,
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 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 two steps when changing Motion Detector settings:

1. Turn Main Power on.
2. Wait until the back light goes out in lower display.

Now you may change motion detector settings or press CAM/PW to access the camera controls. See page eight for camera operation.

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 or MMC 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 a 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.
THE LCD PANEL displays two “Battery” icons which tell you how much power remains in the batteries. The upper icon is for the D batteries which power the camera; the other is for the C batteries which power the motion detector. The icons have three settings: “Full,” “Half Full,” and “Empty.” To get an accurate reading, make sure the camera and the flash are fully charged, then check the Battery icon.

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.
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.
Press “OK/Delete” to record the change. A Pause setting of 00 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 if additional motion is detected. Sometimes there may be one or more animals behind the first one that triggers the motion detector.

In daytime the camera will be ready to take the next Quick Shot in 20 seconds. At night it takes a little longer because the flash needs to recharge. The exact time depends on battery strength.

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.
**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 flash. Turn the dial to the right to increase the distance. Turn the dial to the left to decrease the distance. (We suggest 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.
LEAF RIVER MODELS DV-5 & DV-7SS have an LCD viewing screen for setting camera options and viewing pictures. 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. 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.

Now let's set the Date and Time. Turn main power to the On position. Wait for the backlight to go out in the lower LCD screen. Now press the Cam-PW button. The small RED light in the upper right hand corner will come on and go off. Now press Preview to turn the upper screen on. Press "Menu", the center button on the round navigator. Press the "Right" of "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.
“Still or Single Picture Mode” is the default setting. Still mode can be set to Day, Night, or both Day and Night.

“Video Mode” sets the camera to record day time moving video images at a resolution of 640 by 480 pixels. The duration of video clips is set in the Motion Detector controls using the “Pause” button. Set the digital camera controls to “Video” using the camera menu. Turn off “Cam/Power”, then turn off main power and turn back on.

IMPORTANT! Remember, after changing between “Still Picture Mode” and “Video Mode,” set the main power switch to “Off”, wait a few seconds, then “On” again, to reboot and reset the unit to the new mode.

“Bright-ISO” For normal operation, this should be set to AUTO. ISO-100 can be selected if your night pictures are too white or if you desire clearer close-up night pictures. This will cut down your flash distance and make pictures darker. This setting will not affect daytime pictures. Remember, if night-time pictures are too dark, make sure AUTO is selected.

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 these steps.

1. Turn camera to the on position;
2. Press the CAM-PW button after the lower LCD screen goes out;
3. Press Preview to light the upper screen;
4. Press the center menu button. Your Erase menu should appear;
5. Scroll down to Format and press the center menu button to select;
6. Scroll over to Yes and press the center button to confirm.
CAMERA MENUS
What about the DV-5 & DV-7SS Menus?

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 on the DV-5/DV-7SS or by connecting the “TV OUT” from either camera model to a television.

PICTURE VIEWING - To access the mode:
1. Turn Main Power on.
2. Wait until the back light goes out in lower display.
3. Press the cam-pw button.
4. The red light above the card slot will light & then go out.

Now 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. One Picture
   c. All Pictures
   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. High 5mp  7mp
   b. Normal 2mp  3mp
   c. Basic 1.3mp 2mp
   d. Low 0.3mp 1.3mp
   Video: 340x240 or 640x480

3. DATE/TIME
   a. Exit
   b. Set
   c. Stamp Off/On

4. TV OUT
   a. Exit
   b. NTSC 60 htz
   c. PAL (European standard) 50 htz

5. LANGUAGE
   a. Exit
   b. ENGLISH
   c. French

6. BRIGHT-ISO
   a. Exit
   b. ISO 100
   c. AUTO
CAMERA MENUS
What do these camera settings mean?

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 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 daytime 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.

Quality - Determines the quality of the captured image. High quality requires more memory storage space than does normal.

Bright ISO - Determines the flash range. Auto is for normal distances and 100 is for close pictures.

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.
THE SD SLOT accepts optional “Secure Digital” (SD) card or Multimedia Memory Card (MMC).

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 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 card. When a SD 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.
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 these steps:

1. Turn Main Power on.
2. Wait until the back light goes out in lower display.
3. Press the cam-pw button.
4. The red light above the card slot will light & then go out.

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. We provide you with the Ulead picture editing software. However, most computers come with programs already equipped for viewing or editing pictures and videos. In most cases, use the editing software you are most familiar with.

**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 DCIM100MEDIA. 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.
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 flash. 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. 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 backlight goes out in the lower display before pressing the Cam/PW button.

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.

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 flash.

EVENTS WITH NO PICTURES
1. Check D-cell camera batteries for proper voltage.
2. If using a SD card, Format the card in the unit then retry.

DARK NIGHT PICTURES
1. Move camera unit closer to target.
2. Make sure Bright-ISO is set to AUTO.

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.

NOTE: It will now say STAMP OFF in your date and time menu
If at any time you want to turn the time-date stamp off, you must go back into the menu and select just as you did to turn it 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. Please call (601) 785-9854 for warranty service.

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.

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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