

DVR 908HD

Digital Camcorder

User Manual



VIVITAR®

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Introduction

Thank you for purchasing this digital camcorder. Everything you need to take quality digital photos and videos is included with your camcorder.

Vivitar makes capturing those special moments as easy as possible.

Note:

- Your digital camcorder needs an SD Memory card (up to 32GB) for normal use. SD Memory cards are not included and need to be purchased separately.

IMPORTANT: Class 4 ④ SDHC Memory card or higher is required.

- This digital camcorder is a plug and play device. You can download the pictures and videos captured by your digital camcorder without the software by directly accessing the camcorder's memory card from your computer. It is recommended however that you install the Vivitar Experience™ Image Manager Software to enjoy the full Vivitar Experience™.

Please read this manual carefully first in order to get the most out of your digital camcorder.

What's Included

1) Digital Camcorder

2) AV Cable

3) USB Cable

4) Vivitar Experience™ Image Manager

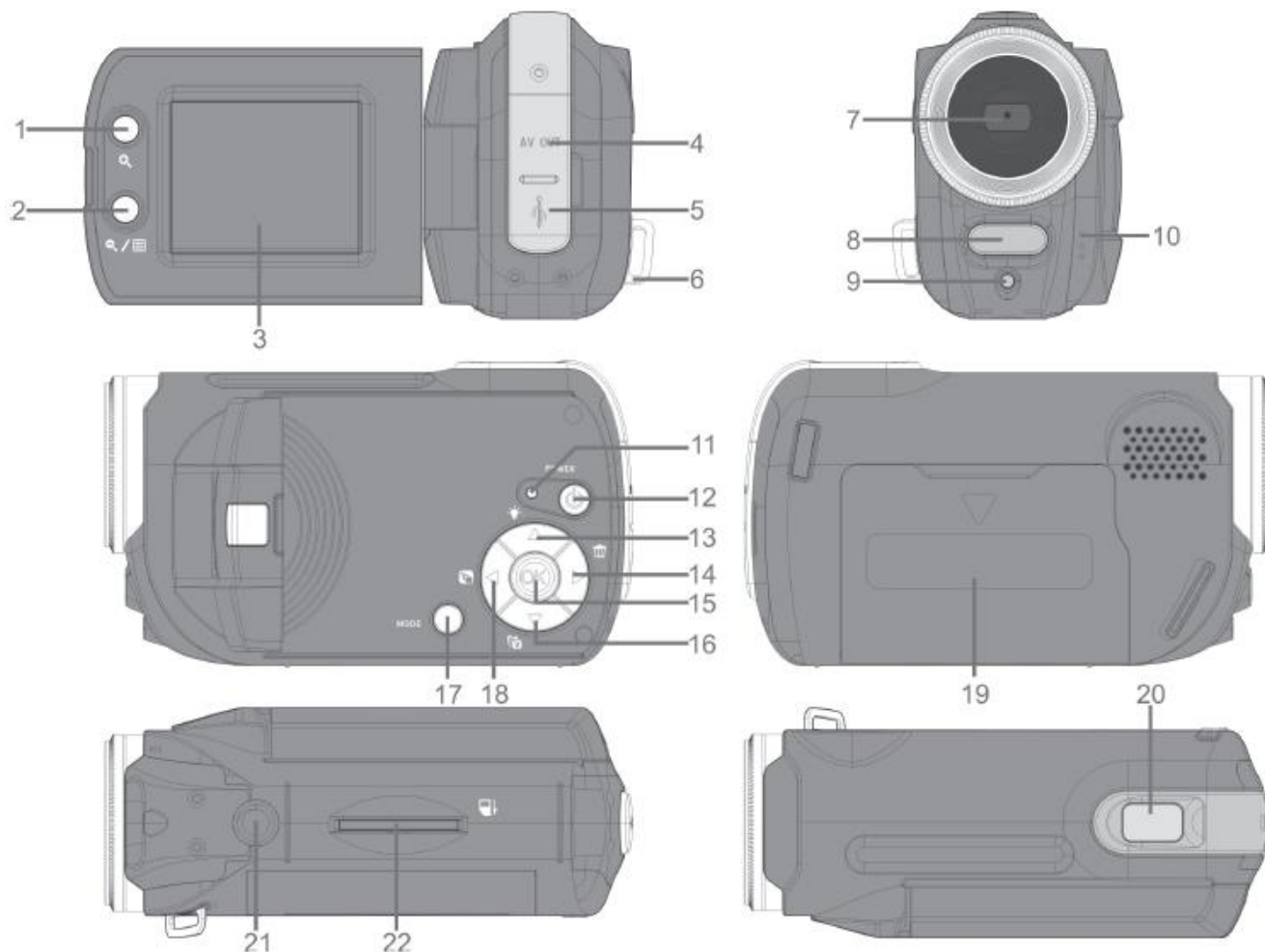
Software Installation CD

5) Built-in Hand Strap (not shown)



Note: SD Memory card and batteries not included.

Parts of the Digital Camcorder



- | | |
|-----------------------------------|----------------------------|
| 1. Zoom In Button | 12. Power Button |
| 2. Zoom Out Button | 13. Up / LED On-Off Button |
| 3. LCD Screen | 14. Right / Delete Button |
| 4. AV Out Port | 15. OK / Set (Menu) Button |
| 5. USB Interface | 16. Down / ViviLink Button |
| 6. Hand Strap Attachment Post | 17. Mode Button |
| 7. Lens | 18. Left / Scene Button |
| 8. LED Indicator Light | 19. Battery Compartment |
| 9. Self-Timer LED Indicator Light | 20. Shutter Button |
| 10. Microphone | 21. Tripod Socket |
| 11. Power LED Indicator Light | 22. SD Memory Card Slot |

Initial Setup

Installing the Batteries



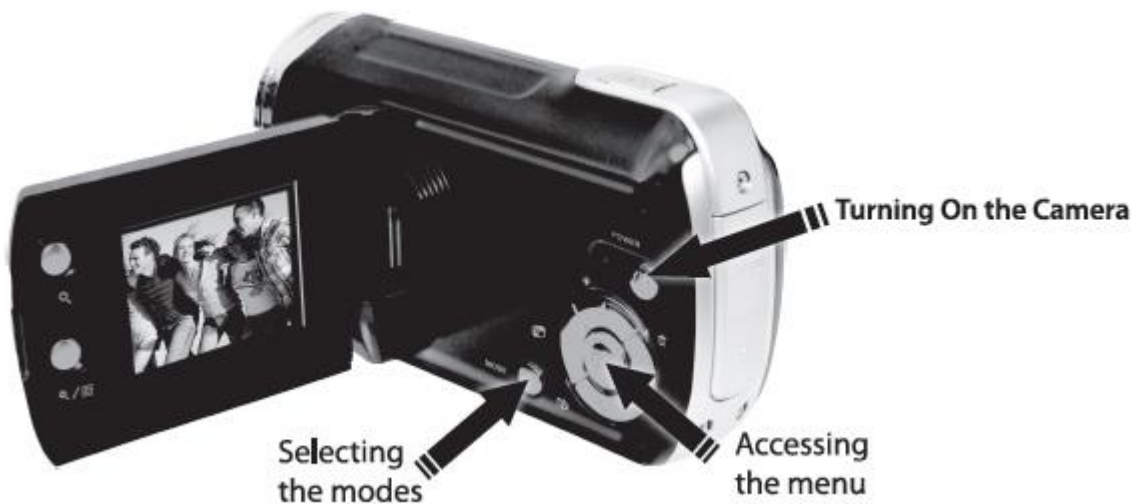
- Slide open the battery compartment cover.
- Insert 3 AAA (1.5V) batteries. Alkaline batteries recommended. Batteries not included.

Installing the Memory Card



- Class 4 ④ or higher SD Memory Card (up to 32 GB) needed for normal use. SD Memory Card not included.

Turning On & Using the Camera



POWERING THE CAMERA ON

INSTALLING THE BATTERIES

- 1) Remove the battery compartment cover.
- 2) Insert the batteries properly into your digital camcorder, according to the polarity shown inside the battery compartment.
- 3) Close the battery compartment cover securely.

Use 3 x AAA (1.5V) batteries. Alkaline batteries are recommended. Batteries not included.

Note:

- Remove the batteries from the camera when not in use for an extended period.
- Do not mix alkaline and non-alkaline batteries.
- Some camera features (i.e. Flash) will not work if the battery power level is low.
- When the battery power is low, the battery icon appears empty and 'Battery Low' appears on the LCD screen. The camcorder automatically turns off a few seconds later.
- The energy status of the power is displayed on LCD as shown below:



Full battery power



Medium battery power



Low battery power

INSTALLING THE SD MEMORY CARD

Make sure the SD Memory card (up to 32GB) has been properly inserted into your digital camcorder. Class 4 ④ SDHC Memory card or higher is required. SD card not included.

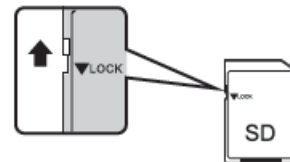
To properly insert the SD Card:

- 1) Push the SD card into the slot in the direction as shown on the SD card icon by the slot on the digital camcorder.
- 2) Push the SD card until you hear a slight clicking sound. This indicates the SD card has been inserted correctly.

Note:

- After the digital camcorder is powered on, an SD icon appears on the LCD display. If you do not see the SD icon on the display, please check if the card was inserted properly.

- Make sure the SD card is not locked (check the lock switch on the side of the SD card). If the SD card is locked this will prevent the digital camcorder from saving captured photos to the SD card.



POWERING ON THE DIGITAL CAMCORDER

Flip open the LCD screen and press the  **POWER** button to turn on the digital camcorder.

CAMCORDER INITIAL SETUP

When powering the digital camcorder ON **for the first time** the camera will take you through the initial setup.

SETTING THE LANGUAGE

You will first be prompted to select a language for the digital camcorder.

The Language selection menu appears.

- 1) Press the **UP** or **DOWN** button to select the language of your choice.
- 2) Press the **OK/SET** button to confirm the selection.

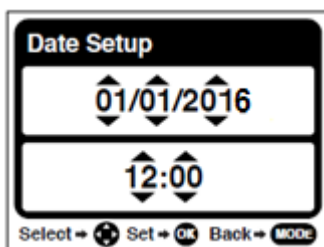
SETTING THE DATE AND TIME

The next step in the initial camcorder setup is to set the camcorder's date and time.

- 1) Press the **LEFT** or **RIGHT** button to move between the date and time settings.

Press the **UP** or **DOWN** button to set the specific date and time.

- 2) Press the **OK/SET** button to confirm the date and time setting and to continue with the camcorder setup.



SETTING THE VIVILINK DEFAULT OPTION

Once the Date and Time have been set, you will be asked to set the default Vivilink destination for photos and videos taken with your digital camcorder.

The Vivilink technology allows you to quickly and easily upload your camcorder's photos and videos to the social networks of your choice with the accompanying Vivitar Experience™ Image Manager application.

- 1) First you will be asked to choose the default Vivilink social network for Videos. Use the **UP** and **DOWN** buttons to highlight the desired default social network and press the **OK/SET** button to confirm the selection.
- 2) Next you will be asked to choose the default Vivilink social network for Photos. Use the **UP** and **DOWN** buttons to highlight the desired default social network and press the **OK/SET** button to confirm the selection.

Congratulations - your digital camcorder is now ready to use!

Main Camcorder Modes

Your digital camcorder has different modes for the various camera functions.

You can switch modes by pressing the **MODE** button on your digital camcorder after the camcorder has been powered ON.



VIDEO CAPTURE MODE

Use this mode to capture videos with your digital camcorder.

This is the default mode when the camcorder is powered ON. To take a video, aim your camcorder as desired and press the **Shutter** button to start recording. A red, blinking record indicator appears on the LCD screen while the recording is in progress. To stop recording, press the **Shutter** button again. The video is automatically saved to your camera's memory card.

To access the various menus for the Video Capture mode, press the **OK/SET** button while in the Video Capture mode.



PHOTO CAPTURE MODE

Use this mode to capture pictures with your digital camcorder.

After turning on your camcorder, press the **MODE** button once to open the Photo Capture mode.

To take a picture, aim your camcorder as desired and press the **Shutter** button.

The picture is automatically saved to your camera's memory card.

To access the various menus for the Photo Capture mode, press the **OK/SET** button while in the Photo Capture mode.



PLAYBACK MODE (PHOTOS & VIDEOS)

Use this mode to view and manage the photos and videos on your digital camcorder.

After turning on your camcorder, press the **MODE** button twice to open the Playback mode for photos and videos. You can scroll through the photos and videos that you've captured to view, edit or delete them as desired.

To access the various menus for the Playback mode for photos and videos, press the **OK** button while in the Playback mode.

Camcorder Technical Specifications

Image Sensor	CMOS Sensor
Image Resolution	8M (3264x2448), 5M (2592x1944), 3M (2048x1536), 1M (1280x960)
Video Resolution	HD (1280x720)@30fps, VGA (640x480)@30fps, QVGA (320x240)@30fps
File Format	JPEG/AVI
External Memory	Class 4 or higher SD Card (up to 32GB)
LCD Display	1.77" TFT, Flip LCD 90°
Lens Focus Length	120CM-Infinity
Lens Type	Fixed
Zoom	4X Digital Zoom
Exposure	-3.0EV ~ +3.0EV
White Balance	Auto, Daylight, Cloudy, Incandescent, Fluorescent
ISO	Auto, 100, 200, 400
Scene	Auto, Scenery, Portrait, Night Scenery, Night Portrait, High Sensitivity, Sport, Beach, Party
Language	English, French, Dutch, Spanish, Portuguese, German, Italian, Greek, Polish
Flash	2 LED lamps
Self-Timer	2, 5 or 10 second delay
Anti-Shake	Yes
Photo Multi Snapshots (Burst)	Yes
Print Photos	Yes
Microphone	Yes
Speaker	Yes
Auto Power Off	Yes - 1 minute, 3 minutes, 5 minutes, Disable
Interface	USB 2.0
System Requirements	WINDOWS® XP (SP3), Vista (SP1) and WINDOWS® 7 and above; MACINTOSH OSX v10.5.x and above
Battery	3x AAA (1.5V) batteries Alkaline batteries recommended
Working Temperature	0~40°C

Minimum System Requirements

To be able to download photos and videos to your computer using the Vivitar Experience™ Image Manager Software, you will need the following minimum configuration:

WINDOWS OS

- MICROSOFT® Windows XP with Service Pack 3, Windows Vista with Service Pack 1 or MICROSOFT® Windows 7 or above
- Pentium® 4 processor (or above)
- 1 GB RAM, 250 MB available hard disk space
- 16-bit Color monitor, 1024 X 768 recommended screen resolution
- CD-ROM Drive
- QuickTime® 6 or higher
- MICROSOFT® Internet Explorer 7 or higher
- Windows Media Player 10 or higher
- DirectX 9 or higher
- Internet connection required

MACINTOSH OS

- Intel Processor running MACINTOSH OS X v10.5.x or later
- 1 GB RAM, 250 MB available hard disk space
- Display: 1024 x 768 or higher-resolution monitor
- QuickTime® 6 or higher
- CD-ROM Drive
- Internet connection required

Note: Make sure the latest compatible Adobe® Flash® Player is installed on your computer.

Powering Your Digital Camcorder ON/OFF

- Make sure the batteries have been inserted properly into your digital camcorder. Batteries not included.
- Make sure a Class 4 ④ SDHC or higher SD Memory Card (up to 32GB) has been inserted into your digital camcorder. SD Memory Card not included.


Please see [Initial Setup](#) for more information.

POWERING THE DIGITAL CAMCORDER ON

Flip open the LCD screen and press the  **Power** button to turn your digital camcorder ON.

The camcorder will be in Video Capture mode to start.

POWERING THE DIGITAL CAMCORDER OFF

While the camcorder is on, you can press the  **Power** button again at any point to turn your camcorder OFF. You will see a “Goodbye” splash screen and then the camcorder will power off completely.

AUTO POWER OFF – POWER SAVING

Your digital camcorder includes an Auto Power Off feature that automatically turns off your camcorder after a specific period of time that your camcorder is left idle. The Auto Power Off can be set from the ‘Auto Power Off’ Photo Capture Mode or Video Capture Mode settings menu.

Changing Camcorder Mode

Your camera has three main modes:

- 1) **Video Capture Mode** - Use this mode to capture videos with your camera.
- 2) **Photo Capture Mode** - Use this mode to capture photos with your camera.
- 3) **Playback Mode (for photos and videos)** - Use this mode to view the photos and videos you have already taken with your camera.

When the camcorder is first powered ON, the Video Capture Mode will be active. The icons that appear on the LCD screen are the best default settings so that you can begin to capture and enjoy clear quality photos.

To change the active camera mode, make sure the camera is powered ON and press the **MODE** button to toggle between the Video Capture Mode, Photo Capture Mode and Playback Mode.



When in Video Capture Mode, this icon will display on the top-left corner of the LCD display.



When in Photo Capture Mode, this icon will display on the top-left corner of the LCD display.




When in Playback Mode, this icon will display on the top-left corner of the LCD display.

Navigating the Menus

Each camcorder mode has a set of menus specific to that mode.

Each camera mode has a set of menus specific to that mode.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll between the various menus for the current mode.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu selection.
- 4) Press the **OK/SET** button to confirm and save the highlighted menu option.
- 5) If the selection can be remembered by the camera, a  selection icon appears to the right of the selected menu option. Changes made to these options remain until you decide to change them again at a later time.

Some menu options are single-use functions that are not remembered by the camera and do not display the selection icon.

- 6) At any time you can press the **MODE** button to exit the menus and return to the previous screen.

Note:


- For most menu settings, an icon reflecting your selection displays on the LCD screen.
- The settings are saved by your digital camera until you manually change the setting or restore the camcorder's default factory settings.

Camera Features: Vivilink, LED Flash

VIVILINK FEATURE


The Vivilink technology allows you to quickly and easily upload your camcorder's photos and videos to the social networks of your choice with the accompanying Vivitar Experience™ Image Manager application. A Vivilink destination can be assigned to a photo or video in Capture mode prior to capturing your image or in Playback Mode.

VIVILINK: VIDEO OR PHOTO CAPTURE MODE

Press the  **DOWN** Quick Function Button to open the Vivilink options. Select a Vivilink option and press **OK/SET** to save your selection and return to Photo/Video Capture Mode. Your selected Vivilink destination appears as an icon on the LCD screen and your camera is now ready to capture your photo or video with the selected Vivilink destination.

Note: The Vivilink feature is deactivated by default and needs to be activated prior to capturing each photo or video.


VIVILINK: PLAYBACK MODE

A Vivilink destination can be added to a captured image or changed by accessing the Vivilink menu in Playback Mode. Simply select an image, press the  **DOWN** Quick Function Button, select the Vivilink destination and press the **OK/SET** button.

LED FLASH

The LED Flash lights allow you to add lighting to the scene you would like to capture.

- **LED ON:** To increase the lighting in dark situations, press the **UP** button to activate the 2 LED Flash Lights on the front of the camcorder below the lens.

The  LED icon appears on the LCD screen indicating that the LCD lights are on.

- **LED OFF:** Press the **UP** button again to turn the LED Flash Lights off.

Video Capture Mode

The Video Capture Mode allows you to capture videos with your digital camcorder.

When the camera is first powered ON, the camcorder will be in Video Capture Mode.

The  Video Capture icon appears on the top left corner of the LCD.

TAKING A VIDEO



1) Selecting the Scene with the LCD Display:

While in Video Capture Mode use the LCD display to direct the camera at the scene you would like to capture.

Note: The amount of time available for recording video appears on the top right of the LCD screen. This amount of time depends on the selected video resolution and the size of the SD Memory card. Videos captured with a higher resolution take up more space on the memory card.


2) Zoom Options:

You can magnify your subject up to 4 times using the digital zoom while capturing your photos and recording your videos. The zoom buttons are located by the LCD screen.


Press the  **ZOOM IN** button to zoom in on the object and press the  **ZOOM OUT** button to zoom back out. The zoom magnification amount is displayed on the bottom right of the LCD while zooming.

3) Capturing the Video:

- **START:** Press the  **Shutter** button to start the video capture.

A  red, blinking record indicator appears on the LCD screen while the recording is in progress. The elapsed record time is also seen on the LCD screen.





- **PAUSE:** Press the **LEFT** button to pause the recording and press the **LEFT** button again to continue recording.

- **STOP:** To stop the video capture, press the  **Shutter** button again.



The video is automatically saved to the camcorder's SD Memory card.

VIDEO CAPTURE MODE QUICK FUNCTION BUTTONS

Your digital camcorder has a four-directional control button that functions as Quick Function buttons.

Quick Function Button	Function
 LEFT	<p>SCENE SELECTION – Opens the ‘Scene’ menu.</p> <p>PAUSE – During video capture, pauses the recording and continues the recording.</p>
 UP	<ul style="list-style-type: none"> • LED LIGHTS – Turns the LED lights ON and OFF. • PAUSE – During video capture, pauses the recording and continues the recording.
 RIGHT	DELETE - Opens the ‘Delete This File’ option and allows you to view and delete the last captured image (video/photo).
 DOWN	VIVILINK - Opens the ‘ViviLink for Videos’ menu.

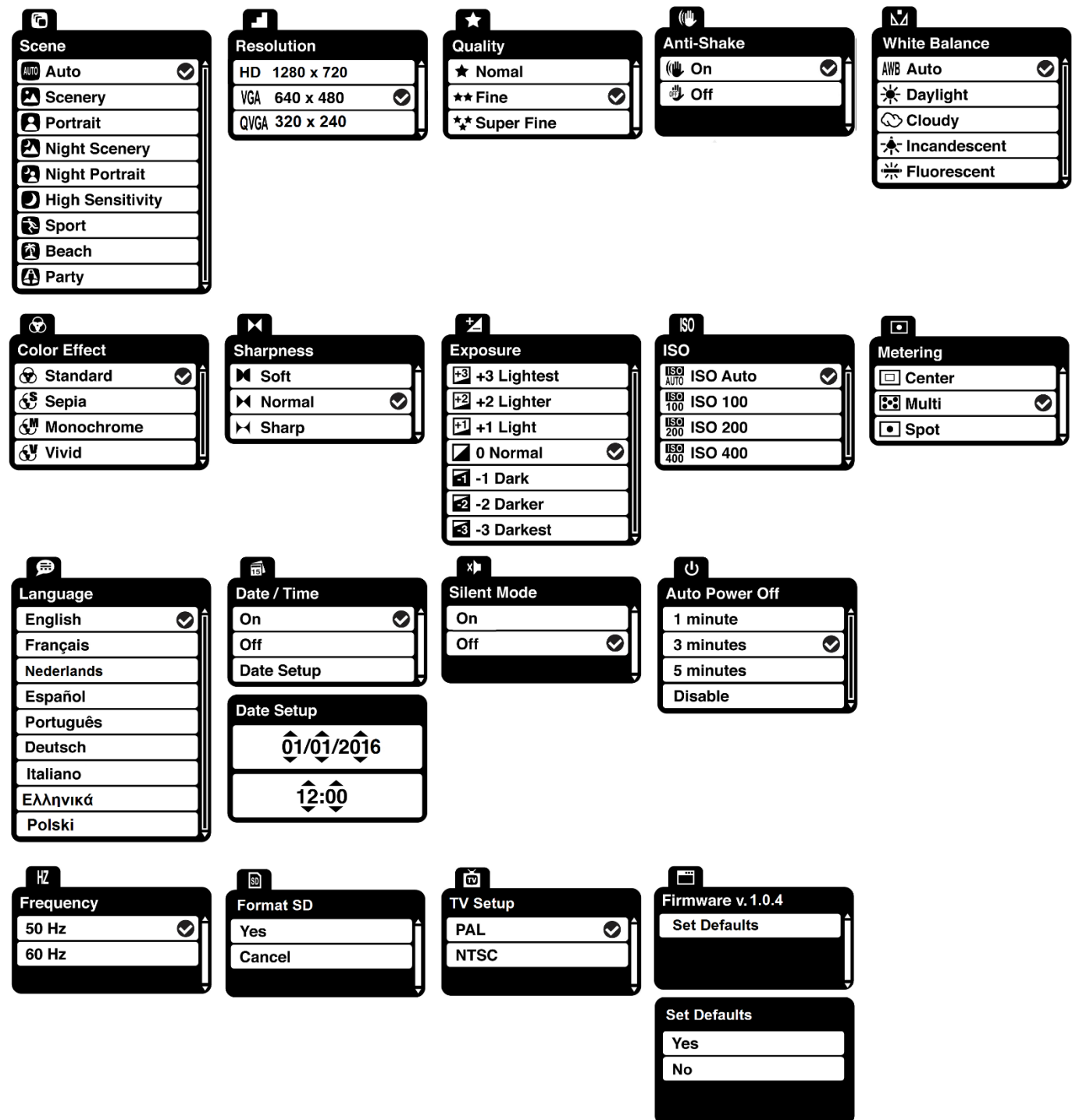
Other

Shutter	STARTS/STOPS – Starts and stops the video capture.
OK/SET	<ul style="list-style-type: none"> • MENU - Opens the menu options for Video Capture Mode. • SAVE SELECTION - Saves your selected menu option. To navigate through the Menus, use the UP/DOWN/LEFT/RIGHT direction control buttons.
MODE	<ul style="list-style-type: none"> • MODE SELECTION - Toggles between the Video Capture, Photo Capture, and Playback Modes. • EXIT MENU - Exits the menu screen.
	ZOOM - Zooms In.
	ZOOM - Zooms Out.

VIDEO CAPTURE MODE MENUS

The following are the menus that appear in your camcorder's Video Capture Mode.


- The ✓ selection icon appears by the default settings.
- Once you change a setting, the setting is saved until you manually change the setting or restore the camcorder's default factory settings.



SCENE MENU


The 'Scene' Menu allows you to choose scene settings that let your camcorder to adapt properly to your current environment.

Note: Remember: The 'Scene' menu is also accessible by pressing the **LEFT** Quick Function Button while in Capture Mode – Standby mode.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Scene' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A  selected option icon will appear on the selected item.
- 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.
An icon reflecting your selection will display on the LCD screen.

RESOLUTION MENU

The 'Resolution' menu allows you to choose the desired size of the images taken by your camcorder. Keep in mind that images with a higher resolution will also take up more of your camcorder's memory.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Resolution' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A  selected option icon will appear on the selected item.
- 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.
An icon reflecting your selection will display on the LCD screen.

QUALITY MENU ★

The 'Quality' menu allows you to select the desired quality level of the images taken by your camcorder. Keep in mind that images with a higher image quality level will also take up more memory on your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Quality' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A ☑ selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

ANTI-SHAKE MENU 🖐

The 'Anti-Shake' feature reduces image corruption that can be caused by movement of the camcorder while capturing the image.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Anti-Shake' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A ☑ selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.


An icon reflecting your selection will display on the LCD screen.

WHITE BALANCE MENU

The 'White Balance' feature allows your camcorder to adjust the coloring of the captured images depending on the type of light source in the current environment.

Properly adjusting the White Balance setting to match your current environment will allow the camcorder to properly balance the colors in the images that are taken with your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'White Balance' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:


Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

COLOR EFFECT MENU

You can choose to add a color effect to the images taken with your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Color Effect' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.


- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

SHARPNESS MENU

You can set the level of sharpness in the images taken with your camcorder. The sharpness level dictates if the edges of objects in the image are more or less distinct.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Image Sharpness' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.


LIGHT EXPOSURE MENU

The 'Light Exposure' setting helps you control the amount of light that enters your camcorder's lens. This setting should be adjusted when the environment is lighter or darker than normal.

When the environment has more light than is needed, reduce the exposure setting (by using the negative - count) to reduce the amount of light allowed into the lens by your camcorder.

If the environment has less light (darker) than is needed, increase the exposure setting (by using the positive + count) to increase the amount of light allowed into the lens by your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Light Exposure' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:


Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

ISO MENU

The 'ISO' menu allows you to set the level of sensitivity that your camcorder has to light in the surrounding environment. When the ISO level is increased, the image sensor in your camcorder will be more sensitive to light and allow you to capture images in lower-light situations. The higher sensitivity to light however, may reduce the quality of the images that are taken. When the ISO is reduced, the image sensor in your camera will be less sensitive to light and will optimize the image quality in environments with bright lighting.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'ISO' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

METERING MENU


The 'Metering' setting will affect how your camcorder focuses when capturing an image. Depending on your selection, the camcorder will be more sensitive to focusing on particular areas in the display and adjust the image color and lighting accordingly.

Center – Averages the light metered from the entire frame, but giving greater weight to the subject in the center

Multi – Used in standard conditions the camcorder divides and adjusts the settings of the image into several zones for light metering such as complex light conditions, position of subject, brightness, background, direct light and scenes


Spot – Meters the area within the spot point frame at the center of the LCD to set the exposure on the subject in the center of the monitor.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Metering' menu.

- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A  selected option icon will appear on the selected item.
- 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.
An icon reflecting your selection will display on the LCD screen.

LANGUAGE MENU

You can select your camcorder's language setting by selecting the desired language from the Language menu.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Language' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A  selected option icon will appear on the selected item.
- 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.

DATE/TIME MENU

When you capture an image with your camcorder, the image will include a time stamp with the date and time that the image was taken.

The Date/Time menu allows you to set your camcorder's date and time as desired. You can also disable the timestamp for future images that will be taken with your camcorder.


On – The timestamp will appear on images taken

Off – The date stamp will not appear on images taken

To Enable/Disable the Timestamp:

- 1) Press the **OK/SET** button to open the menus for the current mode.

- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Date/Time' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

To Set the Date and Time:

- 1) Press the **MENU** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Date/Time' menu.
- 3) Press the **UP** or **DOWN** button to highlight the "Date Setup" menu option, and then press the **OK/SET** button to open the menu.
- 4) Scroll through the date and time menus with the **RIGHT** and **LEFT** direction buttons.
- 5) For each field in the menu, use the **UP** and **DOWN** direction buttons to set the specific date and time.
- 6) When you have finished setting the date and time, press the **OK/SET** button to save your settings and return to the previous mode.
- 7) Press the **MODE** button to exit the menu without saving your settings and return to your previous screen.


SILENT MODE MENU

You have the option of activating the camcorder's Silent mode to disable the sound effects that the camcorder emits when performing functions.

Note:

- This menu does not affect the sound capture during video recording.
 - This does not include the sound effects/beeps and Shutter click heard while using the Self-Timer feature in Photo Capture Mode.
- 1) Press the **OK/SET** button to open the menus for the current mode.
 - 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Silent Mode' menu.
 - 3) Press the **UP** or **DOWN** button to highlight the desired menu option.

4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

AUTO OFF MENU

You can use the 'Auto Power Off' feature in order to conserve you camcorder's battery life. The designated time represents when your camcorder will automatically power off.


When the camcorder sits idle for the designated period of time, the camcorder will shut off completely and will need to be turned on again with the Power button before the next use.

1) Press the **OK/SET** button to open the menus for the current mode.

2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Auto Off' menu.

3) Press the **UP** or **DOWN** button to highlight the desired menu option.

4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

FREQUENCY MENU

The options in the 'Frequency' menu represent the frequency of the electrical current in fluorescent lighting sources in your locale. If your camcorder is set to a frequency that does not match your country's electric current, you may see flickering or waves on the images taken by your camcorder.


50Hz – UK, Europe and Australia ; **60Hz** – US, Canada and South America

1) Press the **OK/SET** button to open the menus for the current mode.

2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Frequency' menu.

3) Press the **UP** or **DOWN** button to highlight the desired menu option.

4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

FORMAT SD MENU

You can use the 'Format Memory Card' feature to delete all of the content that is currently on your camcorder's memory card.

Keep in mind that formatting the memory card will permanently delete all of the content on your camcorder's memory card.

This option will delete all of the content at one time. If you would like to delete individual images, use the 'Delete' menu in the camcorder's Playback Mode.

1) Press the **OK/SET** button to open the menus for the current mode.

2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Format SD' menu.

3) Press the **UP** or **DOWN** button to highlight the desired menu option:

- CANCEL: To exit without formatting the SD Memory Card, select 'Cancel' and press the **OK/SET** button.
- FORMAT: To proceed with the format, select "Yes" and press the **OK/SET** button.

You will be asked to confirm the formatting of the memory card.

- Select 'Cancel' and press the **OK/SET** button to exit without formatting.
- Select 'Yes' and press the **OK/SET** button to begin the format.

The memory card will be completely formatted.

TV SETUP MENU

The 'TV Setup' menu allows you to select the TV option appropriate for you to view your captured images on your television. See [Connecting the Digital Camcorder to a TV](#) for further information on how to connect your digital camcorder to your television.

NTSC – Television and video standard used in America, Canada

PAL – Television and video standard used in Europe

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'TV Setup' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A ✔ selected option icon will appear on the selected item.
- 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.

FIRMWARE (FACTORY DEFAULT SETTINGS) MENU

Use the 'Firmware' menu to view the Firmware version on your camcorder or to reset your camcorder settings to the Factory Default Settings.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Firmware' menu.
- 3) The 'Set Defaults' option is automatically selected.
- 4) Press the **OK/SET** button to reset the camcorder's to the Factory Default Settings.

You will be asked to confirm the resetting to the Factory Default Settings.

- Select 'No' and press the **OK/SET** to exit the menu and return to the previous mode without resetting to the default settings.
- Select 'Yes' and press the **OK/SET** button to proceed with the reset.

You will then automatically exit the menu and return to the previous mode with the digital camera settings set to the Factory Default Settings.

Note: After RESETTING to the default settings, it is recommended to select your system Language, Date/Time and Vivilink for Photos and Videos. If you do not, the next time your camcorder is powered on, you will be prompted to define those settings.

Video Playback Mode

The Playback Mode allows you to review and edit photos and videos that you've already taken with your camcorder.

- When you first turn on the camcorder, it will be in Video Capture mode by default.
- Press the **MODE** button twice to open the Playback Mode.
- The latest captured image appears on the LCD screen.

If there are no images stored, a message (No File) appears.

- The  Playback Mode icon appears on the top left corner of the LCD.

PLAYING VIDEOS ON YOUR CAMCORDER

1) Selecting Your Video:

- Each captured image (video and photo) is displayed on the LCD screen while in Playback Mode.
- Press the **LEFT** or **RIGHT** button to scroll through the images on your camcorder's memory card until you find the video you would like to view.
 - Press the **LEFT** button to display the previous image.
 - Press the **RIGHT** button to display the next image.
- Videos appear with an '**AVI**' icon on the top left of the LCD screen.

2) Playing Your Selected Video:

The following appears on the LCD screen:

Right Side: The number of the selected file (top), and the total time of the selected video (bottom).

Left Side (top): Playback Icon, Resolution, File type, ViViLink (if a link was selected).


Bottom: Playback controls.

- **START:** Press the **Shutter** button to start playing the video.
While the video is playing, the LCD icons are not displayed.
The elapsed video time and video controls are displayed.
- **PAUSE:** Press the **LEFT** button to pause the video and press again to continue playing and pausing as desired.
- **STOP:** To fully stop the playing video the video and restore the icons to the LCD, press the **Shutter** button.

THUMBNAIL VIEW





Easily navigate and select the image you wish to view by using the Thumbnail View.

The images on your camcorder will be displayed in a 3 X 3 matrix where you can use the direction buttons to scroll and select images from the thumbnails.

- 1) Press the  **Zoom Out/Thumbnail** button.
- 2) All the images on your camcorder will appear in the Thumbnail View.
Video thumbnails are shown with a 'V' icon. Photo Thumbnails do not appear with an icon.
- 3) Press the **UP / DOWN / LEFT / RIGHT** buttons to scroll and select the image you wish to view.
- 4) Press the **OK/SET** button to enlarge the image full size.
- 5) Once the selected video is full size you can play and view the video.


VIDEO PLAYBACK MODE QUICK FUNCTION BUTTONS

Your digital camcorder has a four-directional direction control button that functions as Quick Function buttons.

Quick Function Button	Function
 LEFT	PREVIOUS - Displays the PREVIOUS image. PAUSE – Pauses a playing video.
 UP	N/A
 RIGHT	NEXT - Displays the NEXT image.
 DOWN	VIVILINK - Opens the 'ViviLink' menu.

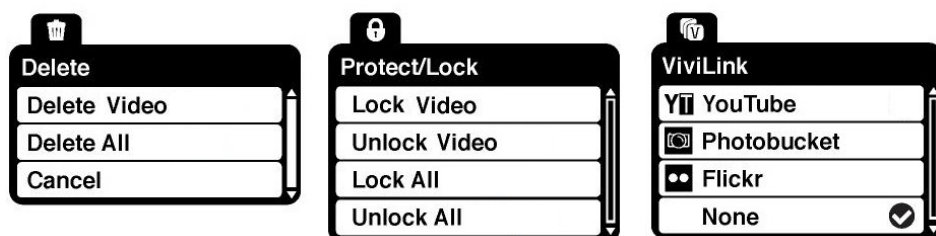
Other

Shutter	PLAY/STOP - Plays and stops a playing video.
OK/SET	<ul style="list-style-type: none">• Opens the menu options for Video Playback Mode• Saves your selected menu option Note: To navigate through the Menus, use the UP / DOWN / LEFT / RIGHT buttons

MODE	<ul style="list-style-type: none"> • MODE SELECTION - Toggles between the Video Capture, Photo Capture, and Playback Modes. • EXIT MENU - Exits the menu screen.
	<p>THUMBNAIL VIEW – Opens the Thumbnail View.</p> <ul style="list-style-type: none"> • To Navigate in the Thumbnail View press the UP / DOWN / LEFT / RIGHT buttons • To select an image in the Thumbnail View press the OK/SET button.

VIDEO PLAYBACK MODE MENUS

The following are the menus that appear in your digital camcorder's Video Playback Mode:



DELETE MENU

While in the Playback Mode, you can select to delete a single video or all images from your digital camcorder through the Delete menu.

- 1) Select the video you would like to delete.
- 2) Press the **OK/SET** button to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Delete' menu.
- 4) Press the **UP** or **DOWN** button to highlight a specific option.

To delete the selected video:

Select 'Delete Video' and press the **OK/SET** button.

You will be asked to confirm the deletion of the video.

- If you would like to proceed with deleting the current image, select 'Yes' and press the **OK/SET** button to confirm. The video will be deleted and you will exit the menu and return to the Playback Mode.

- If you do not want to delete the current image, select 'No' and press the **OK/SET** button. The video will not be deleted and you will exit the menu and return to the Playback Mode.

To delete all the images (videos and photos) you have saved on your SD Memory card:

Select 'Delete All' and press the **OK/SET** button.

- If you would like to proceed with deleting all the videos and photos, select 'Yes' and press the **OK/SET** button to confirm.

All of your images will be permanently deleted.

A blank 'No Files Exist' screen will appear.

Press the **MODE** button to exit the 'No Files Exist' screen.

Remember: All images will be deleted except images that are Protected/Locked. To delete a locked image, first unlock the image, then select delete.

- If you do not want to delete all of your videos and photos, select 'No' and press the **OK/SET** button. All images will remain on your SD card and you will exit the menu and return to the Playback mode.

PROTECT/LOCK MENU

Pictures and videos taken with your camcorder can be protected or "locked" to prevent any deletion or alteration being made to the files.

- 1) View the video you would like to protect/lock.
- 2) Press the **OK/SET** button to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Protect/Lock' menu.
- 4) Press the **UP** or **DOWN** button to highlight a specific option.


Lock the Selected Image:

To lock the selected image use the **UP** or **DOWN** button to highlight 'Lock Video' and then press the **OK/SET** button. The image now appears in Playback Mode with the lock icon .

Unlock the Selected Image:

To unlock the selected locked image use the **UP** or **DOWN** button to highlight 'Unlock Video' and then press the **OK/SET** button. The unlocked image now appears in Playback Mode without the lock icon.

Lock All Images:


To lock all captured videos and photos use the **UP** or **DOWN** button to highlight 'Lock All' and then press the **OK/SET** button. All images now appear in Playback Mode with the lock icon .

Unlock All Images:

To unlock all locked videos and photos use the **UP** or **DOWN** button to highlight 'Unlock All Images' and then press the **OK/SET** button. The images now appear in Playback Mode without the lock icon.

- 5) Press the **MODE** button at any time to exit the menu and return to your previous mode.

Note:

- Any image that is locked displays a  lock icon on the LCD screen when viewing that image in the Playback Mode. Images (photos/videos) that are not locked do not display the lock icon.
- Remember that you cannot delete images (photos/videos) while they are locked.

VIVILINK FOR VIDEOS MENU

The ViviLink technology allows you to quickly and easily upload your camcorder's photos and videos to the social networks of your choice with the accompanying Vivitar Experience™ Image Manager application.

- 1) Select the video you to which you would like to add a ViviLink.
- 2) Press the **OK/SET** button to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'ViviLink' menu.
- 4) Press the **UP** or **DOWN** button to highlight a specific option.
- 5) Press the **OK/SET** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

- 6) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 7) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

Note:

An icon appears on the image with the selected ViviLink destination site when you return to the Playback display.

Photo Capture Mode

The Photo Capture mode allows you to capture pictures with your digital camcorder.

When you power on your camcorder, it is by default in Video Capture Mode.

Press the **MODE** button once to open the Photo Capture Mode.

The  Photo Capture icon appears on the top left corner of the LCD.



TAKING A PICTURE

1) Selecting the Scene with the LCD Display:

While in Photo Capture Mode use the LCD display to direct the camcorder at the scene you would like to capture.

2) Zoom Options:

You can magnify your subject up to 4 times using the digital zoom while capturing your photos and recording your videos. The zoom buttons are located by the LCD screen.

Press the  **ZOOM IN** button to zoom in on the object and press the  **ZOOM OUT** button to zoom out. The zoom magnification amount is displayed on the bottom right of the LCD while zooming.





3) Taking the Picture:

Press the **Shutter** button to take the picture.

The picture is automatically saved to the camcorder's SD memory card.

PHOTO CAPTURE MODE QUICK FUNCTION BUTTONS

Your digital camcorder has a four-directional direction control button that functions as Quick Function buttons.

Quick Function Button	Function
 LEFT	SCENE SELECTION – Opens the 'Scene' menu.
 UP	LED LIGHTS – Turns the LED lights ON and OFF.
 RIGHT	DELETE - Opens the 'Delete This File' option and allows you to view and delete the last captured image (video/photo).
 DOWN	VIVILINK - Opens the 'ViviLink for Photos' menu.

Other



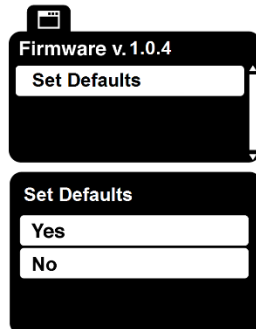
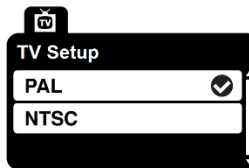
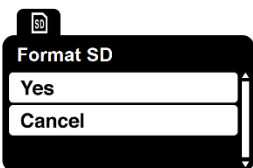
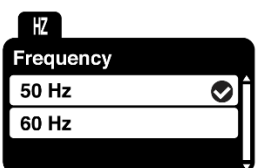
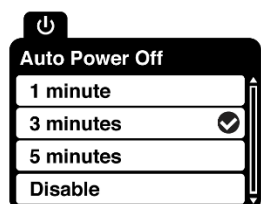
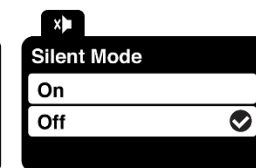
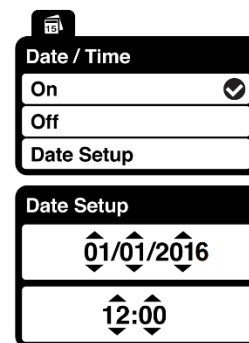
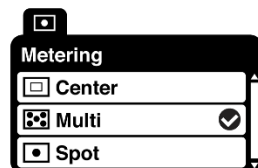
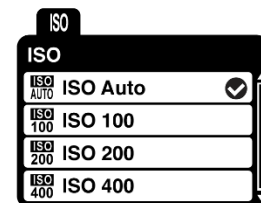
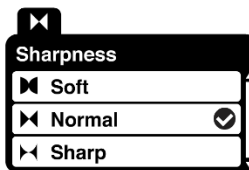
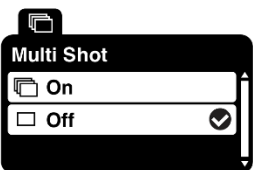
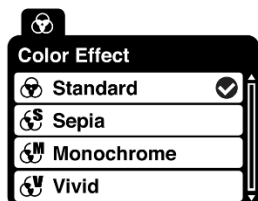
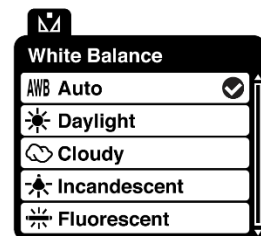
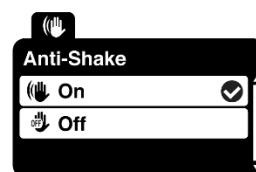
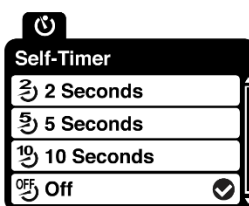
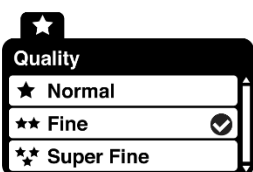
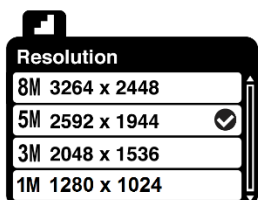
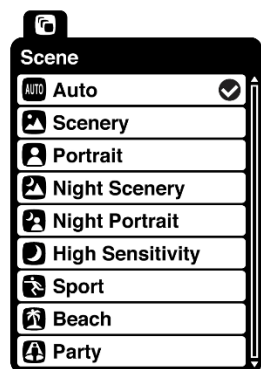
Shutter	PHOTO CAPTURE – Captures your photo.
OK/SET	<ul style="list-style-type: none">• MENU - Opens the menu options for Video Capture Mode.• SAVE SELECTION - Saves your selected menu option. To navigate through the Menus, use the UP/DOWN/LEFT/RIGHT direction control buttons.
MODE	<ul style="list-style-type: none">• MODE SELECTION - Toggles between the Video Capture, Photo Capture, and Playback Modes.• EXIT MENU - Exits the menu screen.
	ZOOM - Zooms In.
	ZOOM - Zooms Out.

PHOTO CAPTURE MODE MENUS

The following are the menus that appear in your camcorder's Photo Capture Mode.

- The ✓ selection icon appears by the default settings.
- Once you change a setting, the setting is saved until you manually change the setting or restore the camcorder's default factory settings.




SCENE MENU

The 'Scene' Menu allows you to choose scene settings that let your camcorder to adapt properly to your current environment.

Note: Remember: The 'Scene' menu is also accessible by pressing the **LEFT** Quick Function Button while in Capture Mode.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Scene' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:


Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

RESOLUTION MENU

The 'Resolution' menu allows you to choose the desired size of the images taken by your camcorder. Keep in mind that images with a higher resolution will also take up more of your camcorder's memory.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Resolution' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

QUALITY MENU ★

The 'Quality' menu allows you to select the desired quality level of the images taken by your camcorder. Keep in mind that images with a higher image quality level will also take up more memory on your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Quality' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A ☑ selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

SELF TIMER MENU ⏰

The 'Self Timer' menu allows you to set a delay between the time that the camcorder's Shutter button is pressed and the actual capture of the picture.

This is an optimal feature if you don't just want to take the picture but would also like to be in the picture yourself. Just set the desired Self-Timer delay, press the **Shutter** button on your camcorder and position yourself in front of the camcorder as desired.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Self Timer' menu.
- 3) Press the **UP** or **DOWN** button to highlight a specific option.
- 4) Press the **OK/SET** button to confirm and select the highlighted menu option.

A ☑ selected option icon appears on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:


Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection is displayed on the LCD screen.

ANTI-SHAKE MENU

The 'Anti-Shake' feature reduces image corruption that can be caused by movement of the camcorder while capturing the image.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Anti-Shake' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.


An icon reflecting your selection will display on the LCD screen.

WHITE BALANCE MENU

The 'White Balance' feature allows your camcorder to adjust the coloring of the captured images depending on the type of light source in the current environment.

Properly adjusting the White Balance setting to match your current environment will allow the camcorder to properly balance the colors in the images that are taken with your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'White Balance' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:


Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

COLOR EFFECT MENU

You can choose to add a color effect to the images taken with your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Color Effect' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

MULTI SHOT MENU

When enabled, the 'Multi Shot' feature allows you to take three rapid snapshots in a row with a single click of the Shutter button.

This feature can be effective when trying to capture a particular moment in a sporting event or other scenes with quick movements.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Multi Shot' menu.
- 3) Press the **UP** or **DOWN** button to highlight a specific option.
- 4) Press the **OK/SET** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:


Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection is displayed on the LCD screen.

SHARPNESS MENU

You can set the level of sharpness in the images taken with your camcorder. The sharpness level dictates if the edges of objects in the image are more or less distinct.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Sharpness' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

EXPOSURE MENU


The 'Exposure' setting helps you control the amount of light that enters your camcorder's lens.

This setting should be adjusted when the environment is lighter or darker than normal.

When the environment has more light than is needed, reduce the exposure setting (by using the negative - count) to reduce the amount of light allowed into the lens by your camcorder.

If the environment has less light (darker) than is needed, increase the exposure setting (by using the positive + count) to increase the amount of light allowed into the lens by your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Exposure' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.


An icon reflecting your selection will display on the LCD screen.

ISO MENU

The 'ISO' menu allows you to set the level of sensitivity that your camcorder has to light in the surrounding environment. When the ISO level is increased, the image sensor in your camcorder will be more sensitive to light and allow you to capture images in lower-light situations. The higher sensitivity to light however, may reduce the quality of the images that are taken.

When the ISO is reduced, the image sensor in your camera will be less sensitive to light and will optimize the image quality in environments with bright lighting.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'ISO' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

METERING MENU

The 'Metering' setting will affect how your camcorder focuses when capturing an image.


Depending on your selection, the camcorder will be more sensitive to focusing on particular areas in the display and adjust the image color and lighting accordingly.

Center – Averages the light metered from the entire frame, but giving greater weight to the subject in the center

Multi – Used in standard conditions the camcorder divides and adjusts the settings of the image into several zones for light metering such as complex light conditions, position of subject, brightness, background, direct light and scenes

Spot – Meters the area within the spot point frame at the center of the LCD to set the exposure on the subject in the center of the monitor.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Metering' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:


Press the **MODE** button to exit the menu and return to your previous mode.

An icon reflecting your selection will display on the LCD screen.

LANGUAGE MENU

You can select your camcorder's language setting by selecting the desired language from the Language menu.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Language' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

DATE/TIME MENU


When you capture an image with your camcorder, the image will include a time stamp with the date and time that the image was taken.

The Date/Time menu allows you to set your camcorder's date and time as desired. You can also disable the timestamp for future images that will be taken with your camcorder.

On – The timestamp will appear on images taken

Off – The date stamp will not appear on images taken

To Enable/Disable the Timestamp:

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Date/Time' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A  selected option icon will appear on the selected item.
- 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.

To Set the Date and Time:


- 1) Press the **MENU** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Date/Time' menu.
- 3) Press the **UP** or **DOWN** button to highlight the "Date Setup" menu option, and then press the **OK/SET** button to open the menu.
- 4) Scroll through the date and time menus with the **RIGHT** and **LEFT** direction buttons.
- 5) For each field in the menu, use the **UP** and **DOWN** direction buttons to set the specific date and time.
- 6) When you have finished setting the date and time, press the **OK/SET** button to save your settings and return to the previous mode.
- 7) Press the **MODE** button to exit the menu without saving your settings and return to your previous screen.

SILENT MODE MENU

You have the option of activating the camcorder's Silent mode to disable the sound effects that the camcorder emits when performing functions.

Note:


- This menu does not affect the sound capture during video recording.

- This does not include the sound effects/beeps and Shutter click heard while using the Self-Timer feature.
- 1) Press the **OK/SET** button to open the menus for the current mode.
 - 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Silent Mode' menu.
 - 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
 - 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A  selected option icon will appear on the selected item.
 - 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
 - 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.

AUTO OFF MENU

You can use the 'Auto Power Off' feature in order to conserve your camcorder's battery life. The designated time represents when your camcorder will automatically power off.

When the camcorder sits idle for the designated period of time, the camcorder will shut off completely and will need to be turned on again with the Power button before the next use.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Auto Off' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
A  selected option icon will appear on the selected item.
- 5) To continue within the menus and select a different menu option:
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:
Press the **MODE** button to exit the menu and return to your previous mode.


FREQUENCY MENU

The options in the 'Frequency' menu represent the frequency of the electrical current in fluorescent lighting sources in your locale. If your camcorder is set to a frequency that does not

match your country's electric current, you may see flickering or waves on the images taken by your camcorder.

50Hz – UK, Europe and Australia ; **60Hz** – US, Canada and South America

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Frequency' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.

A  selected option icon will appear on the selected item.

- 5) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 6) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

FORMAT SD MENU

You can use the 'Format Memory Card' feature to delete all of the content that is currently on your camcorder's memory card.

Keep in mind that formatting the memory card will permanently delete all of the content on your camcorder's memory card.

This option will delete all of the content at one time. If you would like to delete individual images, use the 'Delete' menu in the camcorder's Playback Mode.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Format SD' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option:
 - CANCEL: To exit without formatting the SD Memory Card, select 'Cancel' and press the **OK/SET** button.
 - FORMAT: To proceed with the format, select "Yes" and press the **OK/SET** button.

You will be asked to confirm the formatting of the memory card.

- Select 'Cancel' and press the **OK/SET** button to exit without formatting.
- Select 'Yes' and press the **OK/SET** button to begin the format.


The memory card will be completely formatted.

TV SETUP MENU

The 'TV Setup' menu allows you to select the TV option appropriate for you to view your captured images on your television. See [Connecting the Digital Camcorder to a TV](#) for further information on how to connect your digital camcorder to your television.

NTSC – Television and video standard used in America, Canada

PAL – Television and video standard used in Europe

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'TV Setup' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
- 5) A  selected option icon will appear on the selected item.
- 6) Press the **LEFT** or **RIGHT** button to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.

FIRMWARE (FACTORY DEFAULT SETTINGS) MENU

Use the 'Firmware' menu to view the Firmware version on your camcorder or to reset your camcorder settings to the Factory Default Settings.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Firmware' menu.
- 3) The 'Set Defaults' option is automatically selected.
- 4) Press the **OK/SET** button to reset the camcorder's to the Factory Default Settings.

You will be asked to confirm the resetting to the Factory Default Settings.


- Select 'No' and press the **OK/SET** to exit the menu and return to the previous mode without resetting to the default settings.
- Select 'Yes' and press the **OK/SET** button to proceed with the reset.

You will then automatically exit the menu and return to the previous mode with the digital camera settings set to the Factory Default Settings.

Note: After RESETTING to the default settings, it is recommended to select your system Language, Date/Time and VivioLink for Photos and Videos. If you do not, the next time your camcorder is powered on, you will be prompted to define those settings.

Photo Playback Mode

The Playback Mode allows you to review and edit photos and videos that you've already taken with your camcorder.

- When you first turn on the camcorder, it will be in Video Capture mode by default.
- Press the **MODE** button twice to open the Playback Mode.
- The latest captured image appears on the LCD screen.
If there are no images stored, a message (No File) appears.
- The  Playback Mode icon appears on the top left corner of the LCD.


VIEWING PHOTOS ON YOUR CAMCORDER

1) Selecting Your Photo:

- Each captured image (video and photo) is displayed on the LCD screen while in Playback Mode.
- Press the **LEFT** or **RIGHT** button to scroll through the images on your camcorder's memory card until you find the photo you would like to view.
 - Press the **LEFT** button to display the previous image.
 - Press the **RIGHT** button to display the next image.
- Photos appear with a '**JPG**' icon on the top left of the LCD screen.

2) Zooming In/Out of your selected Photo:

- Press the  **Zoom In** button to zoom in and magnify the selected photo.

Press the  **Zoom Out** button to zoom out of the selected photo.

- Use the **UP / DOWN / LEFT / RIGHT** buttons to navigate around the photo.

Note: Press the **OK/SET** button to return to viewing the photo without magnification.

THUMBNAIL VIEW

Easily navigate and select the image you wish to view by using the Thumbnail View.

The images on your camcorder will be displayed in a 3 X 3 matrix where you can use the direction buttons to scroll and select images from the thumbnails.







- 1) Press the  **Zoom Out/Thumbnail** button.
- 2) All the images on your camcorder will appear in the Thumbnail View.
Video thumbnails are shown with a 'V' icon. Photo Thumbnails do not appear with an icon.
- 3) Press the **UP / DOWN / LEFT / RIGHT** buttons to scroll and select the image you wish to view.
- 4) Press the **OK/SET** button to enlarge the image full size.
- 5) Once the selected photo is full size you can magnify the photo.

PHOTO PLAYBACK MODE QUICK FUNCTION BUTTONS

Your digital camcorder has a four-directional direction control button that functions as Quick Function buttons.

Quick Function Button	Function
 LEFT	PREVIOUS - Displays the PREVIOUS image.
 UP	SLIDE SHOW - Views all the Photos as a Slide Show with 3, 5 or 10 second intervals. <ul style="list-style-type: none"> Press the UP button to start and pause the Slide Show. To exit the Slide Show, press the OK/SET button.
 RIGHT	NEXT - Displays the NEXT image.
 DOWN	VIVILINK - Opens the 'ViviLink for Photos' menu.

Other

OK/SET	<ul style="list-style-type: none"> Opens the menu options for Photo Playback Mode. Saves your selected menu option. Exits Magnification view of selected photo. Exits playing Slide Show. <p>Note: To navigate through the Menus, use the UP / DOWN / LEFT / RIGHT buttons</p>
MODE	<ul style="list-style-type: none"> MODE SELECTION - Toggles between the Video Capture, Photo Capture, and Playback Modes. EXIT MENU - Exits the menu screen.
	ZOOM - Zooms into selected photo.


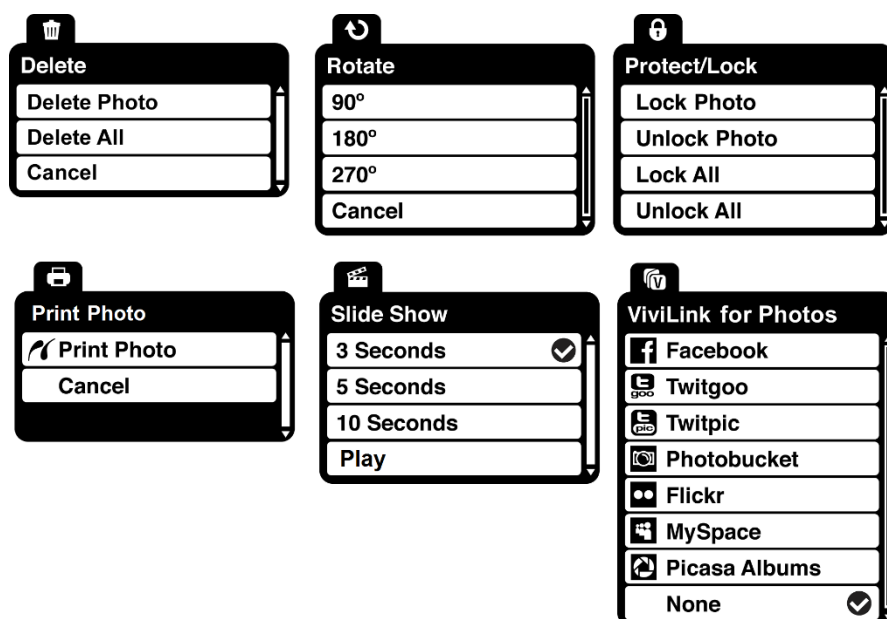
	<p>THUMBNAIL VIEW – Opens the Thumbnail View.</p> <ul style="list-style-type: none"> To Navigate in the Thumbnail View press the UP / DOWN / LEFT / RIGHT buttons To select an image in the Thumbnail View press the OK/SET button. <p>ZOOM – Zooms out of selected photo.</p>
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PHOTO PLAYBACK MODE MENUS

The following are the menus that appear in your digital camcorder's Photo Playback Mode:



DELETE MENU

While in the Playback Mode, you can select to delete a single photo or all images from your digital camcorder through the Delete menu.

- 1) Select the photo you would like to delete.
- 2) Press the **OK/SET** button to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Delete' menu.
- 4) Press the **UP** or **DOWN** button to highlight a specific option.

To delete the selected photo:

Select 'Delete Photo' and press the **OK/SET** button.

You will be asked to confirm the deletion of the photo.

- If you would like to proceed with deleting the current image, select 'Yes' and press the **OK/SET** button to confirm. The photo will be deleted and you will exit the menu and return to the Playback mode.
- If you do not want to delete the current image, select 'No' and press the **OK/SET** button. The photo will not be deleted and you will exit the menu and return to the Playback Mode.

To delete all the images (videos and photos) you have saved on your SD Memory card:

Select 'Delete All' and press the **OK/SET** button.

- If you would like to proceed with deleting all the videos and photos, select 'Yes' and press the **OK/SET** button to confirm.

All of your images will be permanently deleted.

A blank 'No Files Exist' screen will appear.

Press the **MODE** button to exit the 'No Files Exist' screen.

Remember: All images will be deleted except images that are Protected/Locked. To delete a locked image, first unlock the image, then select delete.

- If you do not want to delete all of your videos and photos, select 'No' and press the **OK/SET** button. All images will remain on your SD card and you will exit the menu and return to the Playback mode.

ROTATE MENU ↺

Use this menu to rotate the pictures that you've taken with your camcorder.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Rotate' menu.
- 3) Press the **UP** or **DOWN** button to highlight the desired menu option.
- 4) Press the **OK/SET** button to select and confirm the highlighted menu option.
- 5) The selected picture will now appear rotated in the Playback mode – saved as a separate photo.
- 6) Press the **LEFT** or **RIGHT** button to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.

PROTECT/LOCK MENU

Pictures and videos taken with your camcorder can be protected or “locked” to prevent any deletion or alteration being made to the files.

- 1) View the photo you would like to protect/lock.
- 2) Press the **OK/SET** button to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the ‘Protect/Lock’ menu.
- 4) Press the **UP** or **DOWN** button to highlight a specific option.


Lock the Selected Image:

To lock the selected image use the **UP** or **DOWN** button to highlight ‘Lock Photo’ and then press the **OK/SET** button. The image now appears in Playback Mode with the lock icon .

Unlock the Selected Image:

To unlock the selected locked image use the **UP** or **DOWN** button to highlight ‘Unlock Photo’ and then press the **OK/SET** button. The unlocked image now appears in Playback Mode without the lock icon.

Lock All Images:


To lock all captured videos and photos use the **UP** or **DOWN** button to highlight ‘Lock All’ and then press the **OK/SET** button. All images now appear in Playback Mode with the lock icon .

Unlock All Images:

To unlock all locked videos and photos use the **UP** or **DOWN** button to highlight ‘Unlock All Images’ and then press the **OK/SET** button. The images now appear in Playback Mode without the lock icon.

- 5) Press the **MODE** button at any time to exit the menu and return to your previous mode.

Note:

- Any image that is locked displays a  lock icon on the LCD screen when viewing that image in the Playback Mode. Images (photos/videos) that are not locked do not display the lock icon.
- Remember that you cannot delete images (photos/videos) while they are locked.

PRINT PHOTOS MENU

You can use the Print Photos menu to print the photos that are on your digital camcorder directly to a Pictbridge compatible printer.

- 1) Scroll through your pictures and find the one you would like to print.
- 2) Press the **OK/SET** button to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Print Photos' menu.
- 4) Press the **UP** or **DOWN** button to scroll through the menu options.
- 5) Press the **OK/SET** button when highlighting the "Print This Photo" option to print the selected photo.
- 6) You will be asked to connect the camera to the Pictbridge printer.
- 7) Connect the USB cable provided in the package from the camera to the Pictbridge port of the printer.
- 8) Once connected, follow the instructions on the printer to proceed with the printing process.
- 9) If you do not want to print the photo, select the "Cancel" option to exit the menu and return to the previous mode.

SLIDE SHOW MENU

You can view a Slide Show of all the pictures taken with your camcorder by pressing the **UP** Quick Function button while in Photo Playback Mode.

The Slide Show menu allows you to set the interval length of time that each picture will display during the Slide Show and to play the Slide Show.

- 1) Press the **OK/SET** button to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** buttons to scroll and select the 'Slide Show' menu.
- 3) To Select an Interval:

Press the **UP** or **DOWN** button to scroll through the menu options:

Time interval between photos: 3 Seconds, 5 Seconds, 10 Seconds

- 4) To Play the Slide Show:

PLAY: Press the **UP** or **DOWN** button to select 'Play' and then press the **OK/SET** button to begin playing the Slide Show.

PAUSE: Press the **UP** button to pause the Slide Show and press again to continue playing.

STOP: Press the **OK/SET** button to exit the Slide Show.

VIVILINK FOR PHOTOS MENU

The ViviLink technology allows you to quickly and easily upload your camcorder's photos and videos to the social networks of your choice with the accompanying Vivitar Experience™ Image Manager application.

- 1) Select the photo you to which you would like to add a ViviLink.
- 2) Press the **OK/SET** button to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'ViviLink' menu.
- 4) Press the **UP** or **DOWN** button to highlight a specific option.
- 5) Press the **OK/SET** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

- 6) To continue within the menus and select a different menu option:

Press the **LEFT** or **RIGHT** button to select the next menu item.

- 7) To exit the menu view:

Press the **MODE** button to exit the menu and return to your previous mode.

Note:

An icon appears on the image with the selected ViviLink destination site when you return to the Playback display.

Connecting the Digital Camcorder to a TV

The digital camcorder has an AV slot that allows you to use your larger TV screen in place of the camera's LCD screen. On plugging the TV Cable (supplied) to the camcorder's AV port and to the TV, the LCD screen turns blank.

Use the digital camcorder normally to capture and playback photos and videos.

The images will appear on the TV instead of on the digital camcorder's LCD screen.

Note: The only limitation of using the TV screen is that the camcorder is now not portable.

HOW TO CONNECT

1) Connect the TV cable:

Connect the black jack into the digital video camera's AV slot.

Connect the yellow jack into the TV – Video port.

Connect the white jack into the TV – Audio port.

2) Power on the TV and the camcorder.

3) Set the TV to "AV" mode.

4) Set the TV format on the digital camcorder according to the TV format of your TV set (NTSC or PAL).

In the Video and Photo Capture Menus, use the 'TV Out' Menu to select the appropriate TV format.

5) Use the camcorder to capture and view your videos and photos.

- When the digital video camera is set to Video or Photo Capture mode, you can preview what you would like to record on the TV screen and view the images as you capture them on the TV.
- When the digital video camera is set to Playback Mode, you can review all the captured photos and videos on the TV.

Installing the Software

The Vivitar Experience Image Manager Software can be installed either using the included CD ROM or by accessing the link online.

INSTALLING THE SOFTWARE – USING THE CD ROM

You must be connected to the Internet to install and run the Vivitar Experience Image Manager Software.

- 1) Insert the installation CD into your CD-ROM drive. The installation screen should automatically open.



- 2) On WINDOWS OS: The Vivitar Experience Image Manager Installer window appears. If the window does not appear, open the application's CD/DVD drive and click on "Setup.exe" to launch the installer.
- 3) On MACINTOSH OS: Click the icon that appears on the desktop to install the Vivitar Experience Image Manager.
- 4) If you do not have Internet access at the time of inserting the CD-ROM, connect to the Internet and then click the "Install Vivitar Experience Image Manager" button to begin the installation.



NOTE: If you do not have Internet access, you can still download media from the camcorder. Click the “How to transfer photos and videos from my camera to my computer” button for instructions.

- 5) If you have Internet access, the “Choose your language” window opens, choose your language and click “Next” to open the next window.
- 6) Select your camera model from the list and click “Next” to open the next window.
- 7) Click “Next” to confirm your camera model selection and to install the application.
- 8) Please wait while the application is being installed on your computer.
- 9) Please review the license terms.

On WINDOWS OS and Macintosh: Click the “I accept the terms of this license agreement” and then click “Next” to continue.

- 10) On WINDOWS OS only: Let the “Vivitar Experience Image Manager” installer create the folder to where the program will be installed, and then click “Install”.
- 11) Please wait while the application continues the installation process on your computer.
On MACINTOSH OS: If needed, please follow instructions to install the Adobe® Flash® Player. This requires Internet connection.
- 12) On WINDOWS OS: Click the “Close” button when the installation is complete.
Click the “Launch Vivitar Experience Image Manager” to open the application.
- 13) On MACINTOSH OS: Click the “Quit” button when the installation is complete.
Click the “Launch Vivitar Experience Image Manager” to open the application.
- 14) If you close the application you can run the Vivitar Experience Image Manager from the Programs (PC) or Applications (Mac) menu on your computer.



INSTALLING THE SOFTWARE – USING THE ONLINE LINK

The Vivitar Experience Image Manager Software can also be downloaded and installed via the following online links:

WINDOWS OS: <http://tinyurl.com/viviwin>

MAC OS: <http://tinyurl.com/vivimac>

- 1) Enter the appropriate URL (shown above) into a web browser on your computer.
Alternatively, click on one of the above links to open the URL in a browser.
- 2) The file for installing the software automatically begins to download to your computer.
Please note that the web page may appear empty, however the download automatically begins.
- 3) Locate the downloaded application files on your computer's 'Downloads' folder once the download is complete:
On WINDOWS OS the file name is: **vivitargeneric_win.exe**
ON MAC OS in file name is: **vivitargeneric_mac.pkg**
- 4) Double click on the downloaded application file to install the Vivitar Experience Image Manager Software.
- 5) Follow all instructions
- 6) Once installation is complete, the Vivitar Experience Image Manager application opens automatically or click the icon to launch the application.

Connecting the Camcorder to the Computer

- 1) Use the supplied USB cable to connect your camcorder to your computer.
Insert the smaller end of the USB cable to the camcorder's USB slot and the other end to the computer's USB port.
- 2) Power the camera on.
- 3) The first time you connect the device to the computer you will have to wait a few seconds until the computer recognizes the device.

Getting Photos and Videos from the Camcorder to the Computer

An SD card needs to be inserted in your camcorder. Do not disconnect the cable connecting your camcorder to your computer during transfer. Doing so will cancel the transfer of any files on their way to your computer.

- 1) Select the “Get Images” button from the Main menu.



- 2) The “Get media from device” window opens.
- 3) You can select to download photos, videos or both.
- 4) Select your camera (removable disk) from the device window. If your camera is the only USB device connected then it will be selected automatically.
- 5) Select a location on the computer where to place the new photo and video files.
- 6) Add the new photo and video files to albums if desired.
- 7) Select to remove the media files from the selected device (removable disk) after the import.
- 8) Click the “Get Media” button to transfer the photos and videos from your camera to your computer.
- 9) A media download progress bar appears on the bottom left showing the number of media files downloading to your computer. A message appears when the download is complete.
- 10) The photo and video files that you selected are now downloaded to your computer to the selected folder and albums ready for your use.

Getting Started!

Using the Vivitar Experience™ Image Manager you can:

- Upload and manage photos and videos to and from the most popular photo sharing and social networking sites - Facebook, Flickr, Picasa, Photobucket, Twitter and YouTube
- Seamlessly transfer photos and videos from one social network to another
- Organize your images by creating offline and online albums
- Edit images using automatic and manual tools
- Use automatic “Geotagging” with built in Google Maps

For more details on how to use the Vivitar Experience™ Image Manager open the “Help” from the menu option or click the “Take a Tour” button on the application’s Home screen.

Transferring Images from the Camcorder to the Computer Manually

TRANSFERRING PHOTOS AND VIDEOS: WINDOWS

- 1) Use the USB cable that came with your camera to connect your camera to your computer.
- 2) MSDC appears on the LCD.
- 3) A window appears with a list of options, select “Open folder to view files” and click OK.
- 4) Open the DCIM folder and the folder inside to view the media files.
- 5) Select the media and copy the files from this folder into your computer. Optionally, select the files and choose Copy from the Edit menu. Then select a folder and choose Paste from the Edit menu.
- 6) We recommend that you copy the images into the Pictures/My Pictures folder and the videos into the Videos/My Videos folder.
- 7) Do not disconnect the cable during transfer. Doing so will cancel the transfer of any files on their way to your computer.

TRANSFERRING PHOTOS AND VIDEOS: MACINTOSH

- 1) Use the USB cable that came with your camera to connect your camera to your computer.
- 2) MSDC appears on the LCD.
- 3) The camera's device icon appears on the desktop.
- 4) Click on the device icon and open the DCIM folder and the folder inside to view the media files.
- 5) Select the files and drag them into your computer. Optionally, select the files and choose Copy from the Finder's Edit menu. Then select a folder and choose Paste from the Edit menu.
- 6) We recommend that you copy the images into the Pictures folder and the videos into the Movies folder.
- 7) Do not disconnect the cable during transfer. Doing so will cancel the transfer of any files on their way to your computer.

TRANSFERRING PHOTOS AND VIDEOS: APPLE IPAD

IMPORTANT: Please check your device packaging for compatibility with the iPad.

Apple iPad - Camcorder Connection:

For models that are compatible with the iPad, photos and videos can be imported from your digital camcorder to your iPad by following either one of the options below:

- 1) Connecting your digital camcorder to your iPad using an iPad Camera Connector:

Plug the Camera Connector into the dock connector port on your iPad, and then attach your digital camcorder using a USB cable (included) to the Camera Connector.

Note: iPad Camera Connector not included. This may be purchased separately.

- 2) Using an iPad SD Card Reader:

Connect the SD Card Reader to your iPad, and then insert your digital camcorder's Micro SD Memory card into the slot to import photos and videos directly from your camera's SD card.

Note: iPad SD Card Reader not included. This may be purchased separately.

After you make the connection, your iPad automatically opens the Photos application, which allows you to choose which photos and videos to import, then organizes them into albums.

Camcorder Maintenance

The digital camcorder is a delicate device.

Please handle your camcorder with care to avoid damaging it.

Do not expose your digital camcorder to heat sources.

Do not use your digital camcorder in wet or moist conditions.

Sakar Warranty Card

This warranty covers for the original consumer purchaser only and is not transferable. Products that fail to function properly **UNDER NORMAL USAGE**, due to defects in material or workmanship will be repaired at no charge for parts or labor for a period of one year.

What Is Not Covered By Warranty:

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but not limited to, repair by unauthorized parties, tampering, modification or accident.

What To Do When Service Is Required:

When returning your defective product (postage pre-paid) for service, your package should include:

- 1) Copy of **original** bill of sale.
- 2) A detailed written description of the problem.
- 3) Your return address and telephone number (Daytime).

MAIL TO ADDRESS BELOW:

<u>Sakar US</u> Sakar International Attention: Service Department 195 Carter Drive Edison, NJ 08817	<u>Sakar UK/Europe</u> Attention: Service Department 2D, Siskin Parkway East 4020 Middlemarch Business Park Coventry, CV3 4SU	<u>Sakar Australia</u> Return faulty camera to the Refund Counter at the store where purchased
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Technical Support

For technical support issues please visit our website at www.vivitar.com. You can find manuals, software and FAQ's at the website. Can't find what you are looking for? E-mail us at support@vivitar.com and one of our technical support team members will answer your questions. For phone support in the US please call 1-800-592-9541, in the UK call 0800 917 4831, in Australia call 1800-006-614. If you would like to call from anywhere else, please visit www.vivitar.com for your local toll free number.

Troubleshooting

Q: I have taken photos and selected the “Get Images” button. I get a message that the images were successfully transferred but the photos do not appear on my computer.

What do I do?

First ensure that you have in fact taken photos. Press the Shutter button to take some sample photos and then try downloading them again.

With test photos if the camera powers off before you upload them to the computer the photos are not stored in the camera's memory. These photos should be uploaded quickly before the camera powers off. If the photos are saved to the SD memory card then all the photos should appear.

Q: How do I make sure I don't lose important pictures?

This camera requires an SD card for normal use. If the camera powers off nothing will happen to the images stored on the SD memory card. We recommend always downloading your photos to your computer as soon as possible to prevent unintentional data loss.

Q: I deleted images using the Vivitar Experience Image Manager. The images were also deleted from my computer. How do I recover images that I accidentally deleted?

All images deleted using the Vivitar Experience Image Manager are sent to your computer's Recycle or Trash Bin and can be retrieved from there.