

DVR 790HD

3D Digital Camcorder

User Manual



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we make it easy[™]

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Introduction

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

Vivitar makes capturing those special moments as easy as possible.

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

Note: Your camera needs an SD Memory card (up to 32GB) for normal use.

SD Memory cards are not included and need to be purchased separately.

What's Included

1. Digital camcorder
2. USB cable
3. Vivitar Experience Image Manager Software Installation CD
4. AC Adapter
5. AV Cable
6. 3D Glasses
7. Built-in Lithium-Ion Battery (not shown)



Note: SD Memory Card not included.

Parts of the Camera



- | | |
|-------------------------------|--------------------------|
| 1. Power Button | 10. Shutter Button |
| 2. 2D/3D/Up/Slide Show Button | 11. Zoom Out / Zoom In |
| 3. Delete / Down Button | 12. Indicator Light |
| 4. LED On-Off / Left Button | 13. USB / AV / HDMI Slot |
| 5. ViviLink / Right Button | 14. Hand Strap |
| 6. SET / MENU Button | 15. Tripod Mount |
| 7. MODE Button | 16. SD Memory Card Slot |
| 8. Digital Lens | 17. LED Light |
| 9. Speaker | 18. Microphone |

Initial Camera Setup

Charging the Battery

To charge your battery, first connect the USB Cable to your camera.



Then follow one of the steps below:



A)

- Connect one end of the USB cable into the USB port on your camera.
- Connect the other end of the USB cable to the USB port on your computer.

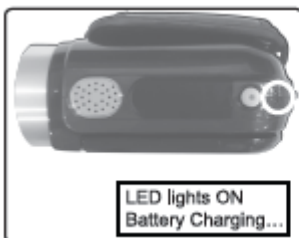


B)

Charge the battery using the USB connection cable (included) and the AC Adapter (included).




- Connect one end of the USB cable into the USB port on your camera.
- Connect the other end to the AC Adapter and then plug the AC Adapter into a power socket.

NOTE: While charging the battery, the LED light turns on. The battery is fully charged when the LED light turns off.



Battery Power:

- Some features, such as Flash, will not work if the battery power level is low.
- When the battery power is low the battery icon turns red and the camera will automatically turn 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 Memory Card

Make sure an SD card has been properly inserted into your camera. (SD card not included.)

To properly insert the SD Card:

Push the SD card into the slot in the direction shown on the camera (see SD icon by the SD card slot). Push the SD card until you hear a slight clicking sound. This indicates the SD card has been inserted correctly.

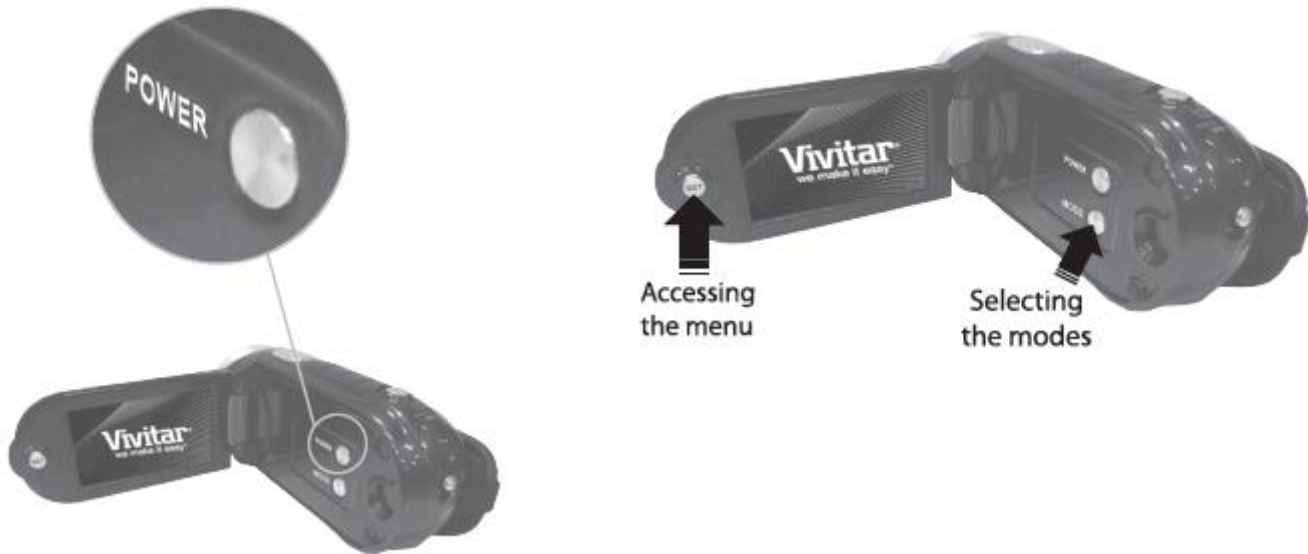


Note:

- After the camera is powered on, an SD icon will appear 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 camera from saving captured photos to the SD card.


Turning On the Camera

Using the Camera



When powering the camera on for the **FIRST** time the camera will take you through the **INITIAL CAMERA SETUP**.

Powering the Camera ON

- 1) Battery
Make sure the battery is fully charged.
- 2) SD Card
Make sure the SD Memory Card has been inserted properly.
- 3) Power On
Press the  **POWER** button to turn on the camera.

Setting the Camera Language

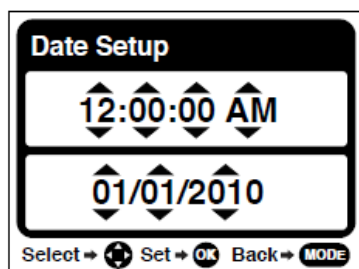
- 1) You will first be prompted to select a language for the camera. The Language selection menu will appear. Select the language of your choice by pressing the **UP** and **DOWN** direction control buttons. Then press the **SET** button to confirm the selection.

- 2) After selecting a language, you will be asked if you would like to continue with the initial camera setup. A message will appear: “Continue with Camera Setup?”
Select “Yes” to continue or “No” to exit the setup.

Note: If you select “No” and decide to leave the camera setup, the camera will be set to its default settings. These settings can be adjusted at any time manually through the menus in the camera.

Setting the Date and Time

The next step in the initial camera setup is to set the date and time on the camera.



Set the Date and Time as desired by pushing **RIGHT** or **LEFT** the joystick control button to choose the specific setting and **UP** or **DOWN** to change each setting.
Once you have completed setting the time and date, press the **SET** button to confirm the selection and move to the next part of the camera 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 camera.

The ViviLink technology allows you to quickly and easily upload your camera’s photos and videos to the social networks of your choice with the accompanying software application.

- 1) First you will be asked to choose the default ViviLink social network for Photos. Press the **UP** or **DOWN** buttons to highlight the desired default social network and press the **SET** button to confirm the selection.
- 2) Next you will be asked to choose the default ViviLink social network for Videos. Press the **UP** or **DOWN** buttons to highlight the desired default social network and press the **SET** button to confirm the selection.
- 3) After the ViviLink Video option is confirmed the camera is now ready to use.

Main Camera Modes

Your camera has different modes for the various camera functions.

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



Photo Capture Mode

Use this mode to capture pictures with your camera.

This is the default mode when the camera is powered ON.

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

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

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



Video Capture Mode

Use this mode to capture videos with your digital camcorder.

After turning on your camera, press the **MODE** button once to open the Video Capture mode. To take a video, aim your camera as desired and press the **Shutter** button to start the record. A red record indicator will appear on the LCD screen while record is in progress.

To stop the record, press the **Shutter** button again. The video will be automatically saved to your camera's memory card.

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



Playback Mode (Photos & Videos)

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

After turning on your camera, 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 previously taken to view, edit or delete them as desired.

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

Camera Technical Specifications

Image Sensor	CMOS Sensor
Image Resolution	2592 x1944 (5M) / 2048 x 1536 (3.1M) / 1920 x 1080 (2M-HD) / 640 x 480 (VGA)
Video Resolution	1280 x 720 (HD); 640 x 480(VGA) ;320 x 240(QVGA)
File Format	JPEG (Photo) /AVI (Video)
Internal Memory	16MB DDR1(Buffer)
External Memory	SD Card (up to 32GB)
LCD Display	2.7 Inch TFT, 90 degrees
Lens	f=5.1 mm F3.0
Zoom	4X Digital Zoom
Exposure	-3.0EV ~ +3.0EV
White Balance	Auto, Daylight, Cloudy, Fluorescent , Incandescent
ISO	Auto / 100 / 200 / 400
Scene	Auto, Scenery, Portrait, Night Scenery, Night Portrait, High Sensitivity, Beach
LED Flash	Yes
Self-Timer	2, 5 or 10 second delay
Anti-Shake	Yes
Face Detect	Yes
Microphone	Yes
Speaker	Yes
Auto Power Off	1 minute, 3 minutes, 5 minutes, Disable
Languages	English, French, Spanish, Portuguese, German, Dutch, Italian, Russian, Turkish
Interface	USB 2.0
System Requirements	Windows XP (SP 3), Vista (SP1) and 7 ; Mac OSX v10.5.x and above
Battery	Built-In Lithium-ion Battery
Working Temperature	0~40°C

Computer System Requirements

WINDOWS OS

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

- Microsoft® Windows XP with Service Pack 3, Windows Vista with Service Pack 1 or Windows 7
- Pentium® 4 processor (or above)
- 512 MB of RAM, with 250 MB of free 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

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

- Intel processor running Mac OS X v10.5.x or later
- 256 MB RAM, 250 MB free hard disk space
- Display: 1024 x 768 or higher-resolution monitor
- CD-ROM Drive
- QuickTime® 6 or higher
- Internet connection required

Powering the Camera On/Off

- Make sure the batteries have been inserted properly into your digital camcorder.
If your camera comes with a rechargeable lithium battery, make sure it is fully charged before the first use.
- Make sure an SD card has been inserted into your camera.
(SD card up to 32GB - SD Card not included)
Please see **Initial Camera Setup** for more information.

Powering the camera ON

Press the  **Power** button to turn your camera ON.

- After powering on, the camera emits a sound and the LED light turns on briefly.
- The LCD screen turns on with your camera in Video Capture mode to start.

Powering the camera OFF

While the camera is on, you can press the  **Power** button again at any time to turn your camera OFF.

- A “Goodbye” screen appears and then the camera will power off completely.

Note: Your digital camcorder also has an Auto Power Off feature that will automatically turn off your camera after a specific period of time that your camera is left idle. The Auto Power Off settings can be set from the Auto Power Off settings menu (in either Photo Capture Mode or Video Capture Mode).

Changing Camcorder Mode

Your camcorder 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 camera 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.



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 Menu

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick control button **LEFT** or **RIGHT** to scroll between the various menus for the current mode.
- 3) Push the joystick control button **UP** or **DOWN** to highlight the desired menu selection.
- 4) Press the **SET** button to confirm and save the highlighted menu option.
- 5) If the selection can be remembered by the camera, a  selection icon will appear to the right of the selected menu option. Changes made to these options will remain as is until you decide to change them again at a later time.
- 6) Some menu options are single-use functions that are not remembered by the camera and do not display this icon when selected.
- 7) At any time you can press the **MODE** button to exit the menus and return to the previous screen.

Video Capture Mode

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

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

Taking a Video

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

2)  Press the **T/Zoom In** and **W/Zoom Out** buttons to better set the camera display if desired.

Note: The actual shape of these buttons may vary per camera model.

You can magnify your subject up to 4 times using the digital zoom.

The following Digital Zoom Indicator appears on the right side of the LCD screen:



3) Press the **Shutter** button on the top of the camera to **START** the video capture.

4) You will see a red icon at the top of the LCD indicating that the record is in progress.

The counter on the top right of the LCD will indicate the elapsed recording time as you capture your video.

5) To **STOP** the video record, press the **Shutter** button again.

6) The video will automatically be saved to the camera's SD memory card.

3D Video Capture





To capture your videos in 3 dimension, push the joystick control button **UP**.

The 3D Icon will appear on the top left side of the LCD screen. This indicates that the 3D Video Capture Mode is ready.

Put on your 3D glasses (included) in order to view the scene on the LCD screen in 3D as you take your video.

Video Capture Mode Quick Function Buttons

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

Quick Function Button	Function
 Left	LED Light – Turns the LED light on or off.
 Up	3D Option – Toggles between 3D and 2D image capture
 Down	Delete - Opens the 'Delete This Video' option and allows you to view and delete the last video taken as well as previously captured images
 Right	ViviLink - Opens the ViviLink for Videos menu

Other

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

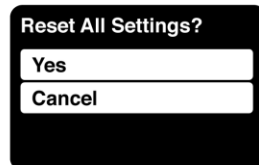
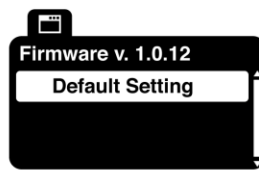
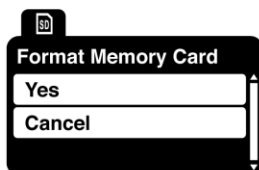
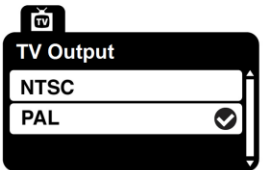
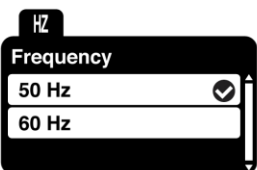
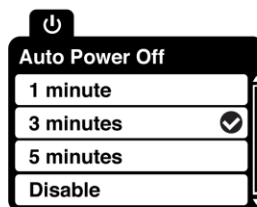
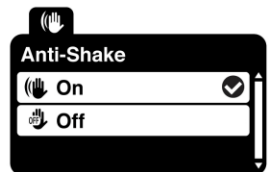
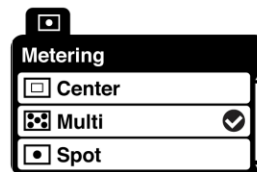
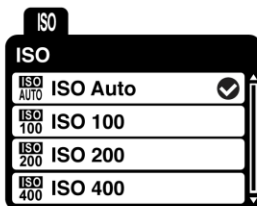
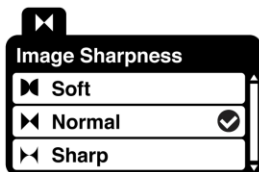
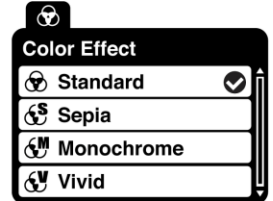
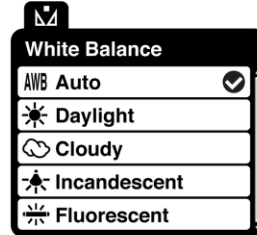
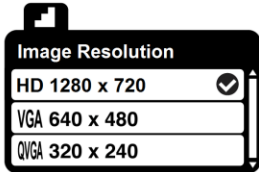
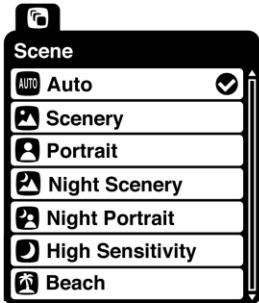
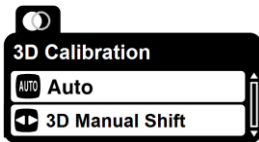
Hide/Show the LCD Icons

The display of the icons on the LCD screen can be hidden or visible as desired.

- 1) Hold the **MODE** button for 2 seconds to hide the display of the icons on the screen.
- 2) Press the **MODE** button again to redisplay the icons on the screen.

Video Capture Mode Menus

The following are the menus that appear in your camera's 2D and/or 3D Video Capture Mode:



3D Calibration – (3D Image Capture only)

The 3D Calibration Menu allows you to control the 3D coordinates of your image.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the 3D Calibration menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
Select 'Auto' to use the default 3D settings to capture your photos.
Select '3D Manual Shift' and then use the LEFT/RIGHT buttons to control the 3D coordinates and 3D effect.
- 4) Press the **SET** button to select and save the desired option.
- 5) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 6) Press the **MODE** button to exit the menu and return to your previous mode.
- 7) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Scene Menu (2D Image Capture only)

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


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Scene menu.
- 3) Push the joystick button **UP** or **DOWN** to highlight the desired menu selection.
- 4) Press the **SET** button to confirm and select the highlighted menu option.
- 5) A  selected option icon will appear on the selected item.
- 6) Press the **MODE** button to exit the menu and return to your previous mode.
- 7) An icon reflecting your selection will display on the LCD screen.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Image Resolution Menu ▴ (3D and 2D Image Capture)

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



- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Image Resolution menu.
- 3) Push the joystick button **UP** or **DOWN** to highlight the desired menu selection.
- 4) Press the **SET** button to confirm and select the highlighted menu option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Image Quality Menu ★ (3D and 2D Image Capture)


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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Image Quality menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

White Balance Menu (2D Image Capture only)

The White Balance feature allows your camera 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 camera to properly balance the colors in the images that are taken with your camera.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the White Balance menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Color Effect Menu (2D Image Capture only)

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



- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Color Effect menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Image Sharpness Menu ◀ (2D Image Capture only)

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


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Image Sharpness menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Light Exposure Menu ▲ (3D and 2D Image Capture)

The Light Exposure setting helps you control the amount of light that enters your camera'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 camera.

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 camera.


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Light Exposure menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.

- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

ISO Menu ^{ISO} *(3D and 2D Image Capture)*

The ISO menu allows you to set the level of sensitivity that your camera has to light in the surrounding environment. When the ISO level is increased, the image sensor in your camera 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 **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the ISO menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Metering Menu *(3D and 2D Image Capture)*


The Metering setting will affect how your camera focuses when capturing an image. Depending on your selection, the camera 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 camera 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 **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Metering menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.


Anti-Shake Menu (*3D and 2D Image Capture*)

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

- 1) Press the **MENU** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Anti-Shake menu.
- 3) Push the joystick button **UP** or **DOWN** to highlight the desired menu selection.
- 4) Press the **SET** button to confirm and select the highlighted menu option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be remembered by your camera until you manually change the setting or restore the camera's default factory settings.

Language Menu (3D and 2D Image Capture)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Language menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **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.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Date/Time Menu (3D and 2D Image Capture)


When you capture an image with your camera, 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 camera's date and time as desired. You can also disable the timestamp for future images that will be taken with your camera.

On – The timestamp will appear on photos taken

Off – The date stamp will not appear on photos taken

To Enable/Disable the Timestamp:

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Date/Time menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.

- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.


To Set the Date and Time:

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

Auto Power Off Menu ***(3D and 2D Image Capture)***

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

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


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Auto Power Off menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Frequency Menu ^{Hz} *(3D and 2D Image Capture)*

The options in the Frequency menu represent the frequency of the electrical current in fluorescent lighting sources in your locale. If your camera 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 camera.

50Hz – UK, Europe and Australia

60Hz – US, Canada and South America


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Frequency menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

TV Output Menu *(3D and 2D Image Capture)*

TV Output menu allows you to select the TV option appropriate for you to view your captured images on your television.

NTSC – television and video standard used in America, Canada

PAL – television and video standard used in Europe

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

- 8) Remember that this setting will be remembered by your camera until you manually change the setting or restore the camera's default factory settings.

Format Memory Card Menu (3D and 2D Image Capture)

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

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Format Memory Card menu.
- 3) Push the joystick button **UP** or **DOWN** to highlight the menu options.
- 4) To exit without formatting the card, select 'Cancel' and press the **SET** button.
- 5) To proceed with the format, select "Yes" and press the **SET** button.

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

- Select "No" to exit without formatting.
- Select "Yes" and press the **SET** button to begin.

The memory card will be completely formatted.

Firmware (Factory Default Settings) Menu (3D and 2D Image Capture)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Firmware menu.
- 3) The "Default Setting" is selected.
- 4) Press the **SET** button to reset the camera to the factory default settings.

- 5) You will be asked to confirm the resetting to the factory default settings.
- Select “No” to exit the menu and return to the previous mode without resetting to the default settings.
 - Select “Yes” and press the **SET** button to proceed with the reset.
You will then automatically exit the menu and return to the previous mode with the digital camcorder 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 camera 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 camera.

- When you first turn on the camera, the camera 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.

Playing Videos on Your Camera

1) Select your Video:

- Once in Playback mode, push the joystick button **LEFT** or **RIGHT** to scroll through the images on your camera's memory card until you find the video you would like to view.
- Each captured image (video and photo) is displayed on the LCD screen.
- Videos appear with an '**AVI**' icon on the top left of the LCD screen.

2) Play your selected video:

- Press the **Shutter** button to START playing the video.
- Press the **Shutter** button again to PAUSE the video and to continue playing and pausing as needed.
- To fully STOP the video and restore the icons to the LCD, press the **UP** button.
- While the Video is playing all the icons on the top section of the LCD disappear.

NOTE: Use the 3D glasses to view videos that have been captured in 3D Mode.

Thumbnail View

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

The images on your camera 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 **W/Zoom Out** button

All the images on your camera will appear in the **Thumbnail View**.

2) Use the **UP / DOWN / LEFT / RIGHT** direction buttons to scroll and select the image you

wish to view.

- 3) Press the **SET** button to enlarge the image full size.
- 4) 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 pad that functions as Quick Function buttons.

Quick Function Button	Function
Left	Displays the PREVIOUS image
Up	STOPS a playing video
Right	Displays the NEXT image
Down	-

Other

Shutter	PLAYS and PAUSES a playing video
W/Zoom out	Opens Thumbnail View <ul style="list-style-type: none">• To Navigate in the Thumbnail View: press the UP / DOWN / LEFT / RIGHT direction buttons• To select a JPG/AVI in the Thumbnail View: press the SET button
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 direction control buttons.

Video Playback Mode Menus

The following are the menus that appear in your camera's Video Playback Mode – for both 3D and 2D Video Capture:



Delete Menu 🗑️ (3D and 2D Images)

While in the Playback Mode, you can delete videos from your camera through the Delete menu.

- 1) View the video you would like to delete.
- 2) Press the **SET** button to open the menus for the Video Playback mode.
- 3) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Delete menu.
- 4) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 5) To delete the selected photo:

Select "Delete This Video?" and press **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 **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 **SET** button. The video will not be deleted and you will exit the menu and return to the Playback mode.

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

Select 'Delete All Images' and press the **SET** button.

- If you would like to proceed with deleting all the videos and photos, select 'Yes' and press the **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 and return to Photo Capture mode.

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 **SET** button. All images will remain on your SD card and you will exit the menu and return to the Playback mode.

ViviLink Menu (3D and 2D Images)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the ViviLink menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item
- 6) Press the **MODE** button to exit the menu and return to your previous mode.
- 7) An icon will appear on the image with the selected ViviLink destination site.
- 8) Remember that the ViviLink feature is deactivated by default. A ViviLink destination will only be assigned to a photo or video if you manually set it from this menu or from the ViviLink menu in Capture mode (accessible with the ViviLink Quick-Function button in Capture mode).
- 9) Changing the ViviLink destination site will also make the selected site the new default ViviLink option. A new default can be selected at any time through this menu.

Protect/Lock Menu ***(3D and 2D Images)***

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Protect/Lock menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) Press the **MODE** button to exit the menu and return to your previous mode.
- 6) Any image that is locked will display a lock symbol on the LCD screen when viewing that image in the playback mode. Videos that are not locked will not display the lock symbol.
- 7) Remember that you cannot delete locked videos.

Photo Capture Mode

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

Press the **Mode** button once to enter Photo Capture Mode.

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

Taking a Picture

1) While in Photo Capture mode, use the LCD display to direct the camera at the scene you would like to capture.

2)  Press the **T/Zoom In** and **W/Zoom Out** buttons to zoom in/out if desired.

Note: The actual shape of the zoom buttons may vary per camera model.

You can magnify your subject up to 4 times using the digital zoom.

The following Digital Zoom Indicator appears on the right side of the LCD screen:



3) Click the **Shutter** button to take the picture.

4) The picture will automatically be saved to the camera's Micro SD memory card.

3D Photo Capture





To capture your photos in 3 dimension, push the joystick control button **UP**.

The 3D Icon will appear on the top left side of the LCD screen. This indicates that the 3D Photo Capture Mode is ready.

Put on your 3D glasses (included) in order to view the scene on the LCD screen in 3D as you take your photo.

Photo Capture Mode Quick Function Buttons

Your digital camcorder has a four-directional pad that functions as Quick Function buttons:

Button	Function
 Left	LED Light – Turns the LED light on or off.
 Up	3D Option – Toggles between 3D and 2D image capture
 Down	Delete – Opens the ‘Delete This Photo?’ option and allows you to view and delete the last photo taken
 Right	ViviLink – Opens the ViviLink for Photos menu

Other

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

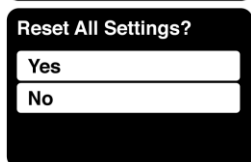
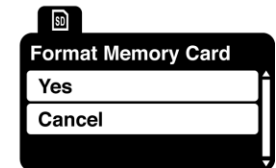
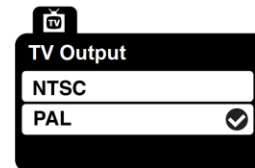
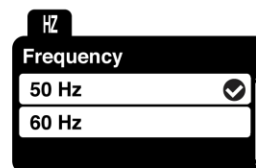
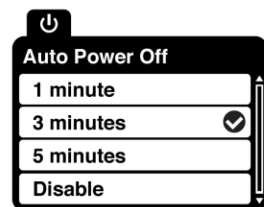
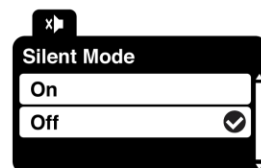
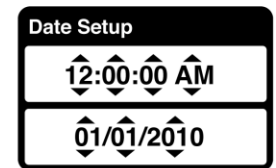
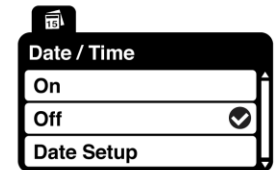
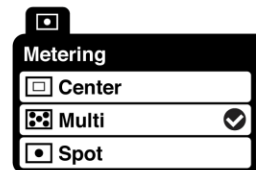
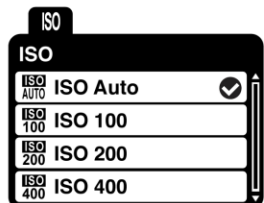
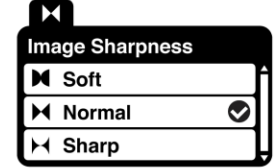
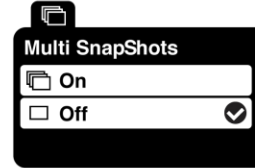
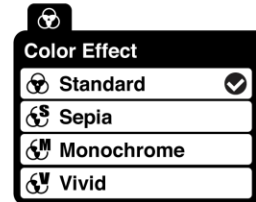
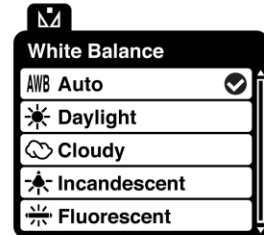
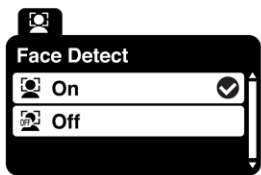
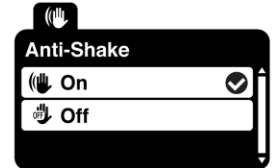
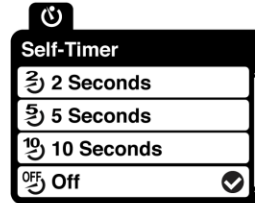
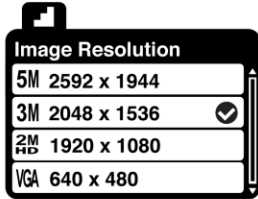
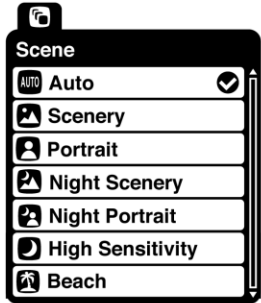
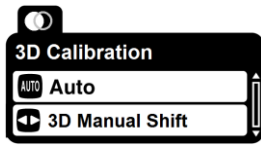
Hide/Show the LCD Icons

The display of the icons on the LCD screen can be hidden or visible as desired.

- 1) Hold the **MODE** button for 2 seconds to hide the display of the icons on the screen.
- 2) Press the **MODE** button again to redisplay the icons on the screen.

Photo Capture Mode Menus

The following are the menus that appear in your camera's 2D and/or 3D Photo Capture Mode:



3D Calibration – (3D Image Capture only)

The 3D Calibration Menu allows you to control the 3D coordinates for your image.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the 3D Calibration menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
Select 'Auto' to use the default 3D settings to capture your photos.
Select '3D Manual Shift' and then use the LEFT/RIGHT buttons to control the 3D coordinates and 3D effect.
- 4) Press the **SET** button to select and save the desired option.
- 5) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 6) Press the **MODE** button to exit the menu and return to your previous mode.
- 7) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Scene Menu - (2D Photo Capture only)

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


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Scene menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Image Resolution Menu 📏 (3D and 2D Image Capture)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Image Resolution menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A 🗳️ selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Image Quality Menu ★ (3D and 2D Image Capture)


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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Image Quality menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A 🗳️ selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Self-Timer Menu (3D and 2D Image Capture)


The Self-Timer menu allows you to set a delay between the time that the camera'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 camera and position yourself in front of the camera as desired.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Self-Timer menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Anti-Shake Menu (3D and 2D Image Capture)

The Anti-Shake feature reduces image distortion that can be caused by movement of the camera while capturing the image.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Anti-Shake menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.


Face Detect Menu (2D Image Capture only)

The Face Detect feature when set to 'On' allows the camera to use a subject's face as the basis for balancing the other colors and focus in the camera's display. This feature is meant to ensure that the color and focus of your pictures will be consistently sharp and high-quality.

Note: To properly use the Face Detect option, please ensure the following:

- **Anti-Shake** - Ensure that the Anti-Shake option is set to 'On'. The Anti-Shake option is 'On' by default when you start using your camera and assists you in properly focusing the image.
- **Distance from the camera** – The subject's face must be no further than 8 to 9 feet (3.5 meters) from the camera and the face must cover at least 20% (1/5th) of the picture as seen on the LCD screen.
- **Facing the camera** - The face of the subject(s) you are photographing must be facing the camera and must hold the pose for at least 4 to 5 seconds until the green square(s) appears around the subject's face.


Face Detect will not work with a side shot of the subject's head.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Face Detect menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

White Balance Menu (2D Image Capture only)


The White Balance feature allows your camera 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 camera to properly balance the colors in the images that are taken with your camera.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the White Balance menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Color Effect Menu (2D Image Capture only)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Color Effect menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Multi SnapShots Menu (3D and 2D Image Capture)

When enabled, the Multi SnapShots feature allows you to take six 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 **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Multi SnapShots menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Image Sharpness Menu (2D Image Capture)

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


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Image Sharpness menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Light Exposure Menu [⚡] **(3D and 2D Image Capture)**

The Light Exposure setting helps you control the amount of light that enters your camera'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 camera.

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 camera.


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Light Exposure menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

ISO Menu ^{ISO} **(3D and 2D Image Capture)**

The ISO menu allows you to set the level of sensitivity that your camera has to light in the surrounding environment. When the ISO level is increased, the image sensor in your camera 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 **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the ISO menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.

- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.


Metering Menu (3D and 2D Image Capture)

The Metering setting will affect how your camera focuses when capturing an image. Depending on your selection, the camera 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 camera 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 **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Metering menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) An icon reflecting your selection will display on the LCD screen.
- 9) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Language Menu (3D and 2D Image Capture)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Language menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Date/Time Menu (3D and 2D Image Capture)


When you capture an image with your camera, 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 camera's date and time as desired. You can also disable the timestamp for future images that will be taken with your camera.

On – The timestamp will appear on photos taken

Off – The date stamp will not appear on photos taken

To Enable/Disable the Timestamp:

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Date/Time menu.
- 3) Press the **UP** or **DOWN** direction control buttons to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.


- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

To Set the Date and Time:

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

Silent Mode Menu ***(3D and 2D Image Capture)***

You have the option of activating the camera's Silent mode to disable all of the sound effects (except for beeps heard during the Self-Timer countdown) that the camera emits when performing camera functions.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Silent Mode menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Auto Power Off Menu ☺ ***(3D and 2D Image Capture)***

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

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Auto Power Off menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A ☑ selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

Frequency Menu ^{Hz} ***(3D and 2D Image Capture)***

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

50Hz – UK, Europe and Australia

60Hz – US, Canada and South America


- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Frequency menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A ☑ selected option icon will appear on the selected item
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be saved by your camera until you manually change the setting or restore the camera's default factory settings.

TV Output Menu (3D and 2D Image Capture)

TV Output menu allows you to select the TV option appropriate for you to view your captured images on your television.

NTSC – television and video standard used in America, Canada

PAL – television and video standard used in Europe

- 1) Press the **MENU** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the TV Output menu.
- 3) Push the joystick button **UP** or **DOWN** to highlight the desired menu selection.
- 4) Press the **SET** button to confirm and select the highlighted menu option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) Remember that this setting will be remembered by your camera until you manually change the setting or restore the camera's default factory settings.

Format Memory Card Menu (3D and 2D Image Capture)

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

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Format Memory Card menu.
- 3) Push the joystick button **UP** or **DOWN** to highlight the menu options.
- 4) To exit without formatting the card, select 'Cancel' and press the **SET** button.
- 5) To proceed with the format, select "Yes" and press the **SET** button.

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

- Select “No” to exit without formatting.
- Select “Yes” and press the **SET** button to begin the format.
The memory card will be completely formatted.

Firmware (Factory Default Settings) Menu ***(3D and 2D Image Capture)***

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Firmware menu.
- 3) The “Default Setting” is selected.
- 4) Press the **SET** button to reset the camera to the factory default settings.
- 5) You will be asked to confirm the resetting to the factory default settings.
 - Select “No” to exit the menu and return to the previous mode without resetting to the default settings.
 - Select “Yes” and press the **SET** button to proceed with the reset.
You will then automatically exit the menu and return to the previous mode with the digital camcorder 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 camera 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 camera.

- When you first turn on the camera, the camera 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.

Viewing Photos on Your Camera

1) Select your Photo:

- Once in Playback Mode, Push the joystick button **LEFT** or **RIGHT** to scroll through the images on your camera's memory card until you find the image you would like to view.
- Each captured image (video and photo) is displayed on the LCD screen.
- Photos appear with a '**JPG**' icon on the top left of the LCD screen.
- Viewing your 3D Photos: Wear the 3D glasses (included) to view the photos you have captured in 3D.

2) Zooming In/Out of your selected Photo:

- Press the **T / Zoom In** button to Zoom In and magnify the selected photo.
Use the **UP / DOWN / LEFT / RIGHT** direction buttons to navigate around the photo.
- Press the **W/Zoom Out** button to Zoom Out of the selected photo.
Use the **UP / DOWN / LEFT / RIGHT** direction buttons to navigate around the photo.

Thumbnail View

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

The images on your camera 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 **W/Zoom Out** button.

All the images on your camera will appear in the **Thumbnail View**.

2) Use the **UP / DOWN / LEFT / RIGHT** direction buttons to scroll and select the image you wish to view.

3) Press the **SET** button to enlarge the selected image full size.

Photo Playback Mode Quick Function Buttons

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

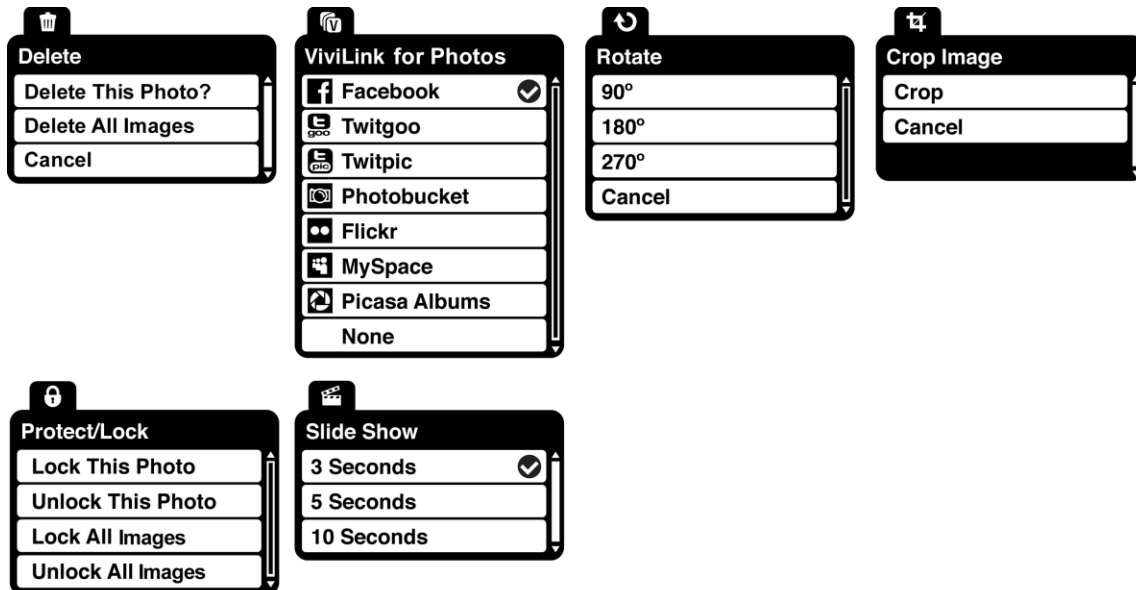
Quick Function Button	Function
Left	Displays the PREVIOUS image
Up	Views all the Photos as a Slide Show with 3, 5 or 10 second intervals. To exit the Slide Show, press any button.
Right	Displays the NEXT image
Down	-

Other

W/Zoom out	<p>Opens Thumbnail View</p> <ul style="list-style-type: none">• To Navigate in the Thumbnail View: press the UP / DOWN / LEFT / RIGHT direction buttons• To select a JPG in the Thumbnail View: press the SET button
SET	<ul style="list-style-type: none">• Opens the menu options for Photo Playback Mode• Saves your selected menu option <p>Note: To navigate through the Menus, use the UP/DOWN/LEFT/RIGHT direction control buttons.</p>

Photo Playback Mode Menus

The following are the menus that appear in your camera's Photo Playback Mode – for both 3D and 2D Video Capture::



Delete Menu (3D and 2D Images)

While in the Playback Mode, you can delete pictures from your camera through the Delete menu.

- 1) View the photo you would like to delete.
- 2) Press the **SET** button to open the menus for the Photo Playback mode.
- 3) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Delete menu.
- 4) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 5) To delete the selected photo:

Select "Delete This Photo?" and press **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 **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 **SET** button. The photo will not be deleted and you will exit the menu and return to the Playback mode.
- 6) To delete all the images (videos and photos) you have saved on your SD Memory card:

Select 'Delete All Images' and press the **SET** button.

- If you would like to proceed with deleting all the videos and photos, select 'Yes' and press

the **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 and return to Photo Capture mode.

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 **SET** button. All images will remain on your SD card and you will exit the menu and return to the Playback mode.

ViviLink for Photos Menu ***(3D and 2D Images)***

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the ViviLink menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) An icon will appear on the image with the selected ViviLink destination site when you return to the Playback display.
- 7) Remember that the ViviLink feature is deactivated by default. A ViviLink destination will only be assigned to a photo or video if you manually set it from this menu or from the ViviLink menu in Capture mode (accessible with the ViviLink Quick-Function button in Capture mode).
- 8) Changing the ViviLink destination site will also make the selected site the new default ViviLink option. A new default can be selected at any time through this menu.
- 9) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 10) Press the **MODE** button to exit the menu and return to your previous mode.

Rotate Menu (2D Photos only)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Rotate menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) The selected picture will now appear rotated in the Playback mode.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.

Crop Image Menu (3D and 2D Images)

You can crop any picture on your camera with the Crop feature.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Crop Image menu.
- 3) Push the joystick button **UP** or **DOWN** to highlight the Crop option.
- 4) Press the **SET** button to open the Crop option.
- 5) The Crop box will open on the selected picture.
- 6) Use the directional buttons to move the Crop box to define the desired crop area.
- 7) Use the **W/T Zoom** buttons on the camera to enlarge or shrink the Crop box.
Use the **LEFT**, **RIGHT**, **UP** and **DOWN** direction control buttons to move the Crop box.
- 8) When you are ready to crop, press the **Shutter** button.
- 9) To confirm and crop the image: select 'Crop' and press **SET**.
To cancel without cropping: select 'Cancel' and press **SET** or simply press the **MODE** button to exit.
- 10) If you selected to crop your image, when you see the cropped picture appear, press the **Shutter** button again to save or press the **SET** button to cancel and return to the previous menu.
- 11) If you selected to save, the cropped picture will now be saved as a new picture to your memory card.


Protect/Lock Menu (3D and 2D Images)

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

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Protect/Lock menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select the desired option.
- 5) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 6) Press the **MODE** button to exit the menu and return to your previous mode.
- 7) Any image that is locked will display a lock symbol on the LCD screen when viewing that image in the playback mode. Photos that are not locked will not display the lock symbol.
- 8) Remember that you cannot delete or edit photos while they are locked.

Slide Show Menu (3D and 2D Images)

You can view a Slide Show of all the pictures taken with your camera by pressing the **UP** Quick Function button while in Playback mode. The Slide Show menu allows you to set the interval length of time that each picture will display during the slide show.

- 1) Press the **SET** button to open the menus for the current mode.
- 2) Push the joystick button **LEFT** or **RIGHT** to scroll and select the Slide Show menu.
- 3) Push the joystick button **UP** or **DOWN** to scroll through the menu options.
- 4) Press the **SET** button to select and save the desired option.
- 5) A  selected option icon will appear on the selected item.
- 6) Push the joystick button **LEFT** or **RIGHT** to select the next menu item.
- 7) Press the **MODE** button to exit the menu and return to your previous mode.
- 8) While in Playback mode, press the **UP** Quick Function button to initiate the Slide Show.
- 9) Press any button to exit the slide show and return to the previous mode.

Connecting the Camcorder to a TV and HDTV

Connecting the Camcorder to the TV

The camcorder has an AV port to use your larger TV screen in place of the camera's LCD screen. On plugging the TV-out cable (supplied) to the camera's AV out jack, the LCD screen turns blank. Use the camcorder as you would to capture and playback photos and videos. The images appear on the TV instead of on the LCD screen.

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

- 1) Connect the camcorder to a TV via the TV-out cable (supplied).
- 2) Turn on the TV and the camera, and then set the TV to "AV" mode.
- 3) You will need to set the TV format on the camera to suit the TV format of your TV set.
- 4) Make sure the camcorder is set to the correct TV Output setting. On plugging in the TV out cable a message will appear on the LCD screen to select NTSC or PAL for the type of TV you are using.
- 5) Select the option as per the format of the TV set you are using and press the **SET** button.
- 6) When the camera is set to record mode, you can preview the subjects you want to record on the TV screen.
- 7) When the camera is set to Playback mode, you can review all the photos and videos stored in the Micro SD Memory card on the TV.

Connecting the Camcorder to the HDTV

To view the high resolution quality videos recorded with your camera, connect the camcorder to an HDTV with the HDMI (not included, purchased separately).

On plugging the HDMI cable to the camera's HDMI port, the LCD screen turns blank. Use the camera as you would to capture and playback photos and videos. The images will appear on the HDTV instead of on the LCD screen.

Note: The only limitation of using the HDTV screen is that the camera is now not portable.

- 1) Connect the camera to an HDTV with the HDMI cable.

- 2) Turn on the HDTV and switch to HDMI-mode.
- 3) Turn on the camcorder. When the camera is set to Video or Photo Capture mode, you can preview the subjects you want to record on the TV screen and view the recording on the TV.
- 4) When the camera is set to Playback mode, you can review all the stored photos and videos on the TV.
- 5) In Playback Mode, push the **LEFT** or **RIGHT** button to select the video file to view.
- 6) Press the **Shutter** button to play the selected video file. Press it again to pause playing.
- 7) Push the joystick button **UP** to stop the video.

Installing the Software

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 PC: 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: 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 camera. 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 PC and Macintosh: Click the “I accept the terms of this license agreement” and then click “Next” to continue.
- 10) On PC 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.
- 12) On PC: Click the “Close” button when the installation is complete.
Click the “Launch Vivitar Experience Image Manager” to open the application.
- 13) On Macintosh: 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.



Connecting the Camcorder to the Computer

- 1) Use the USB cable that came with your camcorder to connect your camcorder to your computer.
- 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 your Camera to Your Computer

A Micro SD Memory card needs to be inserted in the camcorder. Do not disconnect the cable 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.

Get 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, MySpace, Photobucket, Twitpic, Twitgoo 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 file or click the “Take a Tour” button on the application’s Home page.

Transferring Images from my Camera to my 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

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

Apple iPad Camera 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, then attach your digital camera 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, then insert your digital camera'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 choose which photos and videos to import, then organizes them into albums.

Camera Maintenance

The digital camcorder is a delicate device. Please handle your camera with care to avoid damaging it.

Do not expose your camera to heat sources.

Do not use your camera 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 from the time of purchase.

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

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.