

# ONA17CA010

## Digital Camcorder

### User Manual



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# Introduction

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

ONN makes capturing those special moments as easy as possible.

## Note:

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

**Important: You must use only a Class 4 ④ SD Memory card or higher.**

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

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

# What's Included

- 1) Digital Camcorder
- 2) USB Cable
- 3) Attached Hand Strap



**Note:** SD Memory Card and batteries not included.

# Parts of the Camcorder



1. Power Button
2. Shutter / OK Button
3. T (Zoom In) / Up Button
4. W (Zoom Out) / Down / Thumbnail View
5. MODE / Menu Button
6. Left / Self-Timer Button
7. Right Button
8. Speaker

9. LCD Display
10. USB Port Cover
11. Lens
12. Microphone
13. Wrist Strap
14. Battery Compartment Cover
15. SD Memory Card Slot
16. Tripod Socket

# Initial Camcorder Setup

## Installing the Batteries



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

## Installing the Memory Card



- SD Memory card (up to 32GB) needed for normal use.
- It is recommended to use a Class 4 ④ SD card or higher SD card.
- Please turn off the camcorder before inserting the SD Memory Card.

## Turning On the Camcorder



## Using the Camcorder



# POWERING THE CAMCORDER ON

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## **INSTALLING THE BATTERIES**

- 1) Remove the battery compartment cover.
- 2) Insert the batteries properly into your digital camcorder, according to the polarity shown inside the battery compartment.  
Use 3 x AAA (1.5V) batteries. Alkaline batteries are recommended. Batteries not included.
- 3) Close the battery compartment cover securely.

### **Note:**

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

 Full battery power       Medium battery power       Low battery power

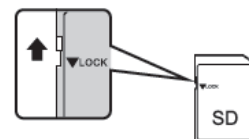
## **INSTALLING THE SD CARD**

Make sure the SD Memory card (up to 32GB) has been properly inserted into your digital camcorder. SD Memory card not included. To properly insert the SD Card:

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

### **Note:**

- After the digital camcorder is powered on, an SD icon appears on the LCD display. If you do not see the SD icon on the display, please check if the card was inserted properly.
- Make sure the SD card is not locked (check the lock switch on the side of the SD card). If the SD card is locked this will prevent the digital camcorder from saving captured photos to the SD card.



## **POWERING ON THE DIGITAL CAMCORDER**

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

## **CAMCORDER INITIAL SETUP**

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Flip open the LCD screen and press the **POWER** button to power. When powering the camcorder on for the **first time** the camcorder will take you through the **initial setup**.

## **SETTING THE CAMCORDER LANGUAGE**

- 1) You will first be prompted to select a language for the digital camcorder.  
The Language selection menu appears.
- 2) Press the **T/UP** or **W/DOWN** button to select the language of your choice.
- 3) Press the **SHUTTER/OK** button to confirm the selection.

Congratulations! Your digital camcorder is now ready to use!

# Main Camcorder Modes

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

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



## VIDEO CAPTURE MODE

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Use this mode to capture videos with your digital camcorder.

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

To access the various menus for the Video Capture mode, press the **MENU** button for 2 seconds while in the Video Capture mode.



## PHOTO CAPTURE MODE

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Use this mode to capture pictures with your digital camcorder.

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

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

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

To access the various menus for the Photo Capture mode, press the **MENU** button for 2 seconds while in the Photo Capture mode.



## PLAYBACK MODE (PHOTOS & VIDEOS)

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

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

To access the various menus for the Playback mode for photos and videos, press the **MENU** button for 2 seconds while in the Playback mode.



# Camcorder Technical Specifications

Image Sensor	CMOS Sensor
Video Resolution	HD (1280x720), (VGA) 640x480, (QVGA) 320x240
Image Resolution	(5M) 2592x1944, (3M) 2048x1536, (2M) 1600x1200, (1.3M) 1280x1024, (VGA) 640x480
File Format	JPEG/AVI
External Memory	SD Card (up to 32GB) – Class 4 or higher
LCD Display	1.44" TFT
Zoom	2X Digital Zoom
Exposure	-3.0EV ~ +3.0EV
White Balance	Auto, Daylight, Cloudy, Incandescent, Fluorescent
ISO	Auto, 100, 200, 400
Scene	Auto, Scenery, Portrait, Night Scenery, Night Portrait, High Sensitivity, Sport, Beach, Party
Language	English, French, Spanish, Portuguese, German, Dutch, Italian
Self-Timer	2, 5 or 10 second delay
Anti-Shake	Yes
Multi Snapshots (Burst)	Yes
Auto Power Off	1 minute, 3 minutes, 5 minutes, Disable
Interface	USB 2.0
System Requirements	Microsoft® Windows XP (SP 3), Vista (SP1) and Windows 7 or higher ; Mac OSX v10.5.x or higher
Battery	3x AAA (1.5V) batteries – Alkaline batteries recommended
Working Temperature	0~45°C

# Computer System Requirements

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

## WINDOWS OS

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

## MACINTOSH OS

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

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

## Powering the Camcorder On/Off

- Make sure the batteries have been inserted properly into your digital camcorder.
- Make sure an SD card (up to 32GB) has been inserted into your digital camcorder.

**Note:** SD Memory Card and batteries not included.

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

### POWERING THE CAMCORDER ON


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

- After powering on, the camcorder emits a sound and the LCD screen turns on.
- The camcorder will be in Video Capture mode to start.

### POWERING THE CAMCORDER OFF

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

### AUTO POWER OFF – POWER SAVING

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Your digital camcorder also has an Auto Power Off feature that automatically turns off your camcorder after a specific period of time that your camcorder is left idle. The Auto Power Off can be set from the Auto Power Off 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 camcorder.
- 2) **Photo Capture Mode** - Use this mode to capture photos with your camcorder.
- 3) **Playback Mode (for photos and videos)** - Use this mode to view the photos and videos you have already taken with your camcorder.

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

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



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



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



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

# Navigating the Menus

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

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

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

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

## Note:

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

# Video Capture Mode

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

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


## TAKING A VIDEO

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### 1) Selecting the Scene Using the LCD Display:

While in Video Capture mode, use the LCD display to direct the camcorder at the scene you would like to capture.

### 2) Zoom Options:

Use the **T / Zoom In** and **W / Zoom Out** buttons located to the left of the LCD screen to better set the camcorder display if desired. You can magnify your subject up to 2 times using the digital zoom. A magnifying glass icon  appears on the bottom right of the LCD screen indicating the selected zoom.

### 3) Capturing the Video:




- Press the  **Shutter** button to START the video capture.
- A red, blinking icon appears at the top of the LCD screen indicating that the recording is in progress.
- To STOP the video recording, press the **Shutter** button again.
- The video is automatically saved to the camcorder's SD Memory card.

**Note:** The amount of recording time available for the resolution selected appears on the top center of LCD screen while in 'Standby'. The lower the resolution setting the more recording time is available. However, videos recorded at lower resolution are of less quality than videos recorded at the higher resolution.

Remember, the amount of time that you can capture videos also depends on the size of the SD memory card inserted as well as the video resolution selected.


## VIDEO CAPTURE MODE QUICK FUNCTION BUTTONS

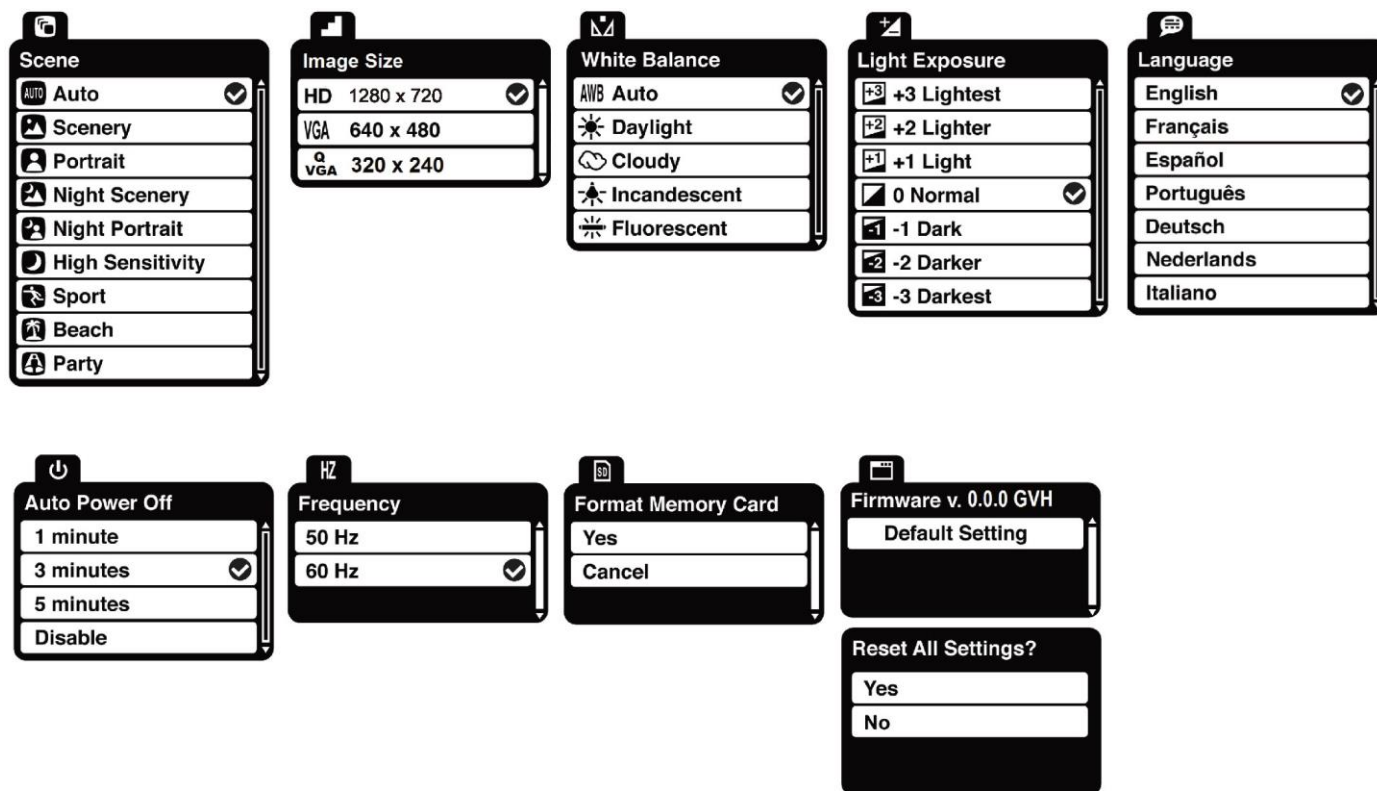
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<b>SHUTTER / OK</b>	<ul style="list-style-type: none"><li>•  STARTS/STOPS the video capture</li><li>• SAVE SELECTION - Saves your selected menu option.</li></ul>
<b>MODE / MENU</b>	<ul style="list-style-type: none"><li>• MODE SELECTION - Toggles between the Photo Capture Mode, Video Capture Mode and Playback Mode.</li><li>• MENU – Press for 2 seconds to open the menu options for Video Capture Mode.  To navigate through the Menus, use the <b>T/UP</b>, <b>W/DOWN</b>, <b>LEFT</b>, <b>RIGHT</b> buttons.</li><li>• Exits the menu screen.</li></ul>
<b>T / UP</b>	 Zooms In
<b>W / DOWN</b>	 Zooms Out

## VIDEO CAPTURE MODE MENUS

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

- Once you change a setting, the setting is saved by your camcorder until you manually change the setting or restore the camcorder's Factory Default Settings.
- The  selection icon displays the Factory Default Settings in the menus shown below.



### SCENE MENU

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

The 'Scene' options include:

Auto / Scenery / Portrait / Night Scenery / Night Portrait / High Sensitivity / Sport / Beach / Party

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Scene' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.



- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A ✔ selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.  
An icon reflecting your selection is displayed on the LCD screen.

## **IMAGE SIZE MENU**

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

The 'Image Size' options include: HD 1280x720 / VGA 640x480 / QVGA 320x240

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Image Size' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A ✔ selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.  
An icon reflecting your selection is displayed on the LCD screen.

## **WHITE BALANCE MENU**

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

Properly adjusting the White Balance setting to match your current environment will allow the

camcorder to properly balance the colors in the images that are taken with your camcorder.

The 'White Balance' options include: Auto / Daylight / Cloudy / Incandescent / Fluorescent

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'White Balance' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

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

## **LIGHT EXPOSURE MENU**

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

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

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

The 'Light Exposure' options include:

+3 Lightest / +2 Lighter / +1 Light / 0 Normal / -1 Dark / -2 Darker / -3 Darkest

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Light Exposure' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

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

## **LANGUAGE MENU**

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

The 'Language' options include: English / French / Spanish / Portuguese / German / Dutch / Italian

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Language' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

## **AUTO POWER OFF MENU**

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

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

The 'Auto Power Off' options include: 1 Minute / 3 Minutes / 5 Minutes / Disable

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Auto Power Off' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.

- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A ✔ selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.

## **FREQUENCY MENU HZ**

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

The 'Frequency' options include:

**50Hz** – UK, Europe and Australia

**60Hz** – US, Canada and South America

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Frequency' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A ✔ selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.

## **FORMAT MEMORY CARD MENU**

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

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

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

**Note:** Restoring factory defaults or formatting the camcorder may result in the loss of data.

Please ensure you have backed up your images before you attempt this.

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Format Memory Card' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option:
  - CANCEL: To exit without formatting the SD Memory Card, select 'Cancel' and press the **SHUTTER/OK** button.
  - FORMAT: To proceed with the format, select 'Yes' and press the **SHUTTER/OK** button.

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

- Select 'No' and press the **SHUTTER/OK** button to exit without formatting.
- Select 'Yes' and press the **SHUTTER/OK** button to begin the format.

The memory card will be completely formatted.

**Note:** Formatting your memory card permanently deletes all of your captured images.

## **FIRMWARE (FACTORY DEFAULT SETTINGS) MENU**

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

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

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

- CANCEL - Select 'No' to exit the menu and return to the previous mode without resetting to the default settings.
- RESET - Select 'Yes' and press the **SHUTTER/OK** 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. If you do not, the next time your camcorder is powered on, you will be prompted to define this setting.

## Video Playback Mode

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

- When you first turn on the camcorder, the camcorder 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 CAMCORDER

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### 1) Selecting Your Video:

- Once in Playback mode, press the **LEFT** or **RIGHT** button to scroll through the images on your camcorder's memory card until you find the video you would like to view.
  - Press the **LEFT** button to display the previous image.
  - Press the **RIGHT** button to display the next image.
- 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) Playing 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 **T/UP** button.

**Note:** While the video is playing all the icons on the top section of the LCD disappear.

## THUMBNAIL VIEW

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

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

To access the Thumbnail View:

- 1) Press the **W / Zoom Out** button.


All the images on your camcorder appear in the **Thumbnail View**.

- 2) Use the **T/UP, W/DOWN, LEFT, RIGHT** buttons to scroll and select the image you wish to view.
- 3) Press the **SHUTTER/OK** button to enlarge the selected image full size.
- 4) Once the selected video is full size you can play and view the video.

## VIDEO PLAYBACK MODE QUICK FUNCTION BUTTONS

Quick Function Button	Function
◀ Left	PREVIOUS - Displays the PREVIOUS image (when not playing a selected video).
▲ Up	STOP - Stops a playing video.
▶ Right	NEXT - Displays the NEXT image.
▼ Down	N/A

### Other

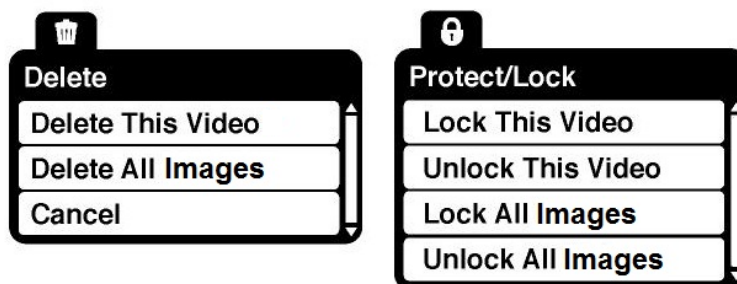
SHUTTER / OK	<ul style="list-style-type: none"><li>•  PLAY/PAUSE – Plays and pauses a playing video.</li><li>• SAVE SELECTION - Saves your selected menu option.</li></ul>
MODE	<ul style="list-style-type: none"><li>• MODE SELECTION - Toggles between the Photo Capture Mode, Video Capture Mode and Playback Mode.</li><li>• MENU – Press for 2 seconds to open the menu options for Video Playback Mode. To navigate through the Menus, press the <b>T/UP, W/DOWN, LEFT, RIGHT</b> buttons.</li><li>• Exits the menu screen.</li></ul>
W / DOWN	<p>THUMBNAIL VIEW – Opens the <b>Thumbnail View</b>.</p> <p>To navigate in the Thumbnail View press the <b>T/UP, W/DOWN, LEFT, RIGHT</b> buttons.</p> <ul style="list-style-type: none"><li>• To select an image in the Thumbnail View press the <b>OK</b> button.</li></ul>



## VIDEO PLAYBACK MODE MENUS

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



### **DELETE MENU**

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

The 'Delete' options include: Delete This Video / Delete All Images / Cancel

- 1) Select the video you would like to delete.
- 2) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Delete' menu.
- 4) Press the **T/UP** or **W/DOWN** button to highlight a specific option.

#### **DELETE THIS VIDEO:**

To delete the selected video: Select 'Delete This Video' and press the **SHUTTER/OK** button.

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

- If you would like to proceed with deleting the current image, select 'Yes' and press the **SHUTTER/OK** 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 **SHUTTER/OK** button. The video will not be deleted and you will exit the menu and return to the Playback mode.

#### **DELETE ALL IMAGES:**

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

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

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

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

#### CANCEL:

To exit the 'Delete' menu without deleting your image(s): Select 'Cancel' and press the **SHUTTER/OK** button. The camcorder returns to Playback Mode.

**Remember:** Only images that are unlocked can be deleted. To delete a locked image, first unlock the image, then select the desired delete option.

## **PROTECT/LOCK MENU**


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

The 'Protect/Lock' options include:

Lock This Video / Unlock This Video / Lock All Images / Unlock All Images

- 1) View the video you would like to lock.
- 2) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Protect/Lock' menu.
- 4) Press the **T/UP** or **W/DOWN** button to highlight a specific option.


#### LOCK THIS VIDEO:

To Lock the Selected Image: Use the **T/UP** or **W/DOWN** button to highlight 'Lock This Video' and then press the **OK** button. The image now appears in Playback Mode with the lock icon .

#### UNLOCK THIS VIDEO:

To Unlock the Selected Image: Use the **T/UP** or **W/DOWN** button to highlight 'Unlock This Video' and then press the **SHUTTER/OK** button. The image now appears in Playback Mode without the lock icon.

### LOCK ALL IMAGES:


To Lock All Images (videos and photos): Use the **T/UP** or **W/DOWN** button to highlight 'Lock All Images' and then press the **SHUTTER/OK** button. All images now appear in Playback Mode with the lock icon  indicating that the images are protected/locked.

### UNLOCK ALL IMAGES:

To Unlock All Images (videos and photos): Use the **T/UP** or **T/DOWN** button to highlight 'Unlock All Images' and then press the **SHUTTER/OK** button. The images now appear in Playback Mode without the lock icon.

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

### **Note:**

- Any image that is locked displays a lock symbol  on the LCD screen when viewing that image in the Playback Mode. Videos that are not locked do not display the lock symbol.
- Remember that you cannot delete images while they are locked.

# Photo Capture Mode

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

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

To enter Photo Capture Mode, press the **MODE** button once to open the **Photo Capture Mode**.


## TAKING A PICTURE

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1) Selecting the Scene Using the LCD Display:

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

2) Zoom Options:

Use the **T / Zoom In** and **W / Zoom Out** buttons located to the left of the LCD screen to better set the camcorder display if desired. You can magnify your subject up to 2 times using the digital zoom. A magnifying glass icon  appears on the bottom right of the LCD screen indicating the selected zoom.

3) Capturing the Photo:





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

The picture is automatically saved to the camcorder's SD Memory Card.

**Note:** The lower the resolution setting the more photos can be taken. However lower resolution photos are of less quality than photos taken at higher resolution.


## PHOTO CAPTURE MODE QUICK FUNCTION BUTTONS

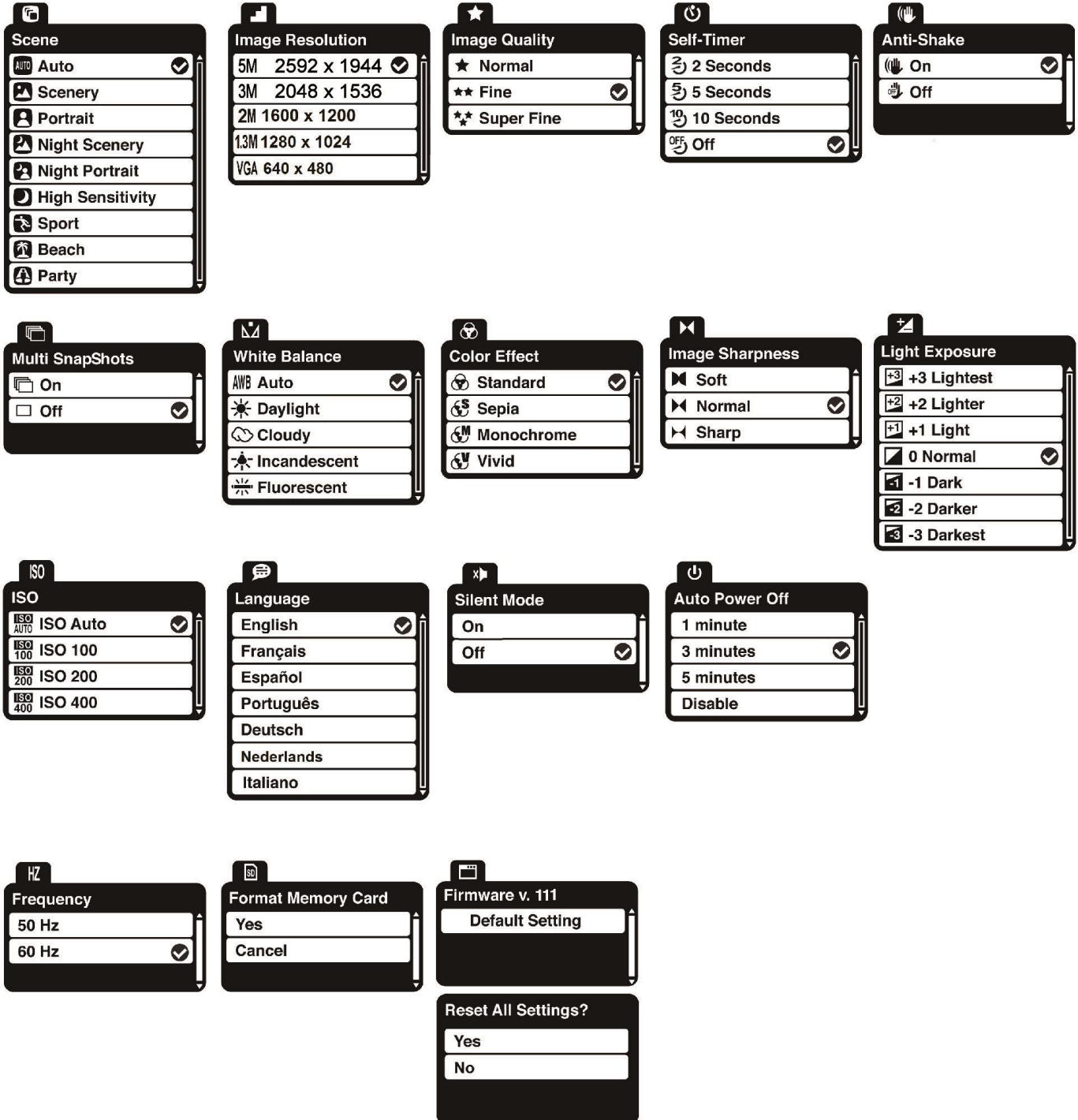
---

◀ Left	 SELF-TIMER- Turns on/off the self-timer function.
SHUTTER / OK	<ul style="list-style-type: none"> <li>•  Captures the photo.</li> <li>• SAVE SELECTION - Saves your selected menu option.</li> </ul>
MODE / MENU	<ul style="list-style-type: none"> <li>• MODE SELECTION - Toggles between the Photo Capture Mode, Video Capture Mode and Playback Mode.</li> <li>• MENU – Press for 2 seconds to open the menu options for Photo Capture Mode. To navigate through the Menus, use the <b>T/UP</b>, <b>W/DOWN</b>, <b>LEFT</b>, <b>RIGHT</b> buttons.</li> <li>• Exits the menu screen.</li> </ul>
T / UP	 Zooms In
W / DOWN	 Zooms Out

# PHOTO CAPTURE MODE MENUS

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

- Once you change a setting, the setting is saved by your camcorder until you manually change the setting or restore the camcorder's Factory Default Settings.
- The  selection icon displays the Factory Default Settings in the menus shown below.



## **SCENE MENU**

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

The 'Scene' options include:

Auto / Scenery / Portrait / Night Scenery / Night Portrait / High Sensitivity / Sport / Beach / Party

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Scene' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

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

## **IMAGE RESOLUTION MENU**

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

The 'Image Resolution' options include:

5M 2592 x 1944 / 3M 2048 x 1536 / 2M 1600 x 1200 / 1.3M 1280 x 1024 / VGA 640 x 480

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Image Resolution' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

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

### **IMAGE QUALITY MENU** ★

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

The 'Image Quality' options include: Normal / Fine / Super Fine

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Image Quality' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A ☑ selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

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

### **SELF TIMER MENU** ⌚


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

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

The 'Self-Timer' options include: 2 Second / 5 Seconds / 10 Seconds / Off

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.




- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Self-Timer' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A  selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.  
An icon reflecting your selection is displayed on the LCD screen.

## **ANTI-SHAKE MENU**

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

The 'Anti-Shake' options include: On / Off

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Anti-Shake' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A  selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.  
An icon reflecting your selection is displayed on the LCD screen.

## **MULTI SNAPSHOTS MENU**

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

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

The 'Multi Snapshots' options include: On / Off

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Multi SnapShots' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

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

**Note:** The Multi Snapshots icon replaces the Camera icon on the top left of the LCD screen indicating that the Multi Snapshots is 'On'. This feature remains on in the Photo Capture Mode until you manually select the Multi Snapshots 'Off' option, which then returns the camcorder to the single shot Photo Capture Mode. When Multi Snapshots is Off the Camera icon is displayed and replaces the Multi Snapshot icon.

## **WHITE BALANCE MENU**

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

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

The 'White Balance' option includes: Auto / Daylight / Cloudy / Incandescent / Fluorescent

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'White Balance' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

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

## **COLOR EFFECT MENU**

The 'Color Effect' menu allows you to choose a color effect to add to the images taken with your camcorder.

The 'Color Effect' options include: Standard / Sepia / Monochrome / Vivid

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Color Effect' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:


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

## **IMAGE SHARPNESS MENU**

Using the 'Image Sharpness' menu you can set the level of sharpness in the images taken with your camcorder. The sharpness level dictates if the edges of objects in the image are more or less distinct.

The 'Image Sharpness' options include: Soft / Normal / Sharp


- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Image Sharpness' menu.

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

## **LIGHT EXPOSURE MENU**

The 'Light Exposure' setting helps you control the amount of light that enters your camcorder's lens. This setting should be adjusted when the environment is lighter or darker than normal. When the environment has more light than is needed, reduce the exposure setting (by using the negative - count) to reduce the amount of light allowed into the lens by your camcorder. If the environment has less light (darker) than is needed, increase the exposure setting (by using the positive + count) to increase the amount of light allowed into the lens by your camcorder. The 'Light Exposure' options include:

+3 Lightest / +2 Lighter / +1 Light / 0 Normal / -1 Dark / -2 Darker / -3 Darkest


- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Light Exposure' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A  selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.  
An icon reflecting your selection is displayed on the LCD screen.

## **ISO MENU**

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

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


The 'ISO' options include: ISO Auto / ISO 100 / ISO 200 / ISO 400

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'ISO' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A  selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.  
An icon reflecting your selection is displayed on the LCD screen.

## **LANGUAGE MENU**

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

The 'Language' options include: English / French / Spanish / Portuguese / German / Dutch / Italian

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Language' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

### **SILENT MODE MENU**

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

**Note:** This does not affect the sound during video recording.

The 'Silent Mode' options include: On / Off

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Silent Mode' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.

A  selected option icon appears on the selected item.

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

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

- 6) To exit the menu view:

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

### **AUTO POWER OFF MENU**

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

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

The 'Auto Power Off' options include: 1 Minute / 3 Minutes / 5 Minutes / Disable

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.

- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Auto Power Off' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A ✔ selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.

## **FREQUENCY MENU HZ**

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

The 'Frequency' options include:

**50Hz** – UK, Europe and Australia

**60Hz** – US, Canada and South America

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Frequency' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.  
A ✔ selected option icon appears on the selected item.
- 5) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 6) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.

## **FORMAT MEMORY CARD MENU**

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

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

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

**Note:** Restoring factory defaults or formatting the camcorder may result in the loss of data.

Please ensure you have backed up your images before you attempt this.

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Format Memory Card' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option:
  - CANCEL: To exit without formatting the SD Memory Card, select 'Cancel' and press the **SHUTTER/OK** button.
  - FORMAT: To proceed with the format, select 'Yes' and press the **SHUTTER/OK** button.

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

- Select 'No' and press the **SHUTTER/OK** button to exit without formatting.
- Select 'Yes' and press the **SHUTTER/OK** button to begin the format.

The memory card will be completely formatted.

**Note:** Formatting your memory card permanently deletes all of your captured images.

## **FIRMWARE (FACTORY DEFAULT SETTINGS) MENU**

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

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

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



- CANCEL - Select 'No' to exit the menu and return to the previous mode without resetting to the default settings.
- RESET - Select 'Yes' and press the **SHUTTER/OK** 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. If you do not, the next time your camcorder is powered on, you will be prompted to define this setting.

# Photo Playback Mode

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

- When you first turn on the camcorder, the camcorder 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 CAMCORDER

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### 1) Selecting Your Photo:

- Once in Playback Mode, press the **LEFT** or **RIGHT** button to scroll through the images on your camcorder's memory card until you find the image you would like to view.
  - Press the **LEFT** button to display the previous image.
  - Press the **RIGHT** button to display the next image.
- 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.

### 2) Zooming In/Out of Your Selected Photo:

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

**Note:** The zoom magnification (up to 4X) is shown on the bottom right of the LCD screen as you zoom in and zoom out.

## THUMBNAIL VIEW

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

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

To access the Thumbnail View:


- 1) Press the **W / Zoom Out** button.  
All the images on your camcorder appear in the **Thumbnail View**.
- 2) Use the **T/UP, W/DOWN, LEFT, RIGHT** buttons to scroll and select the image you wish to view.
- 3) Press the **SHUTTER/OK** button to enlarge the selected image full size.
- 4) Once the selected photo is full size you can Zoom In and Zoom Out of the photo.

## PHOTO PLAYBACK MODE QUICK FUNCTION BUTTONS

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Quick Function Button	Function
◀ Left	PREVIOUS - Displays the PREVIOUS image.
▶ Right	NEXT - Displays the NEXT image.

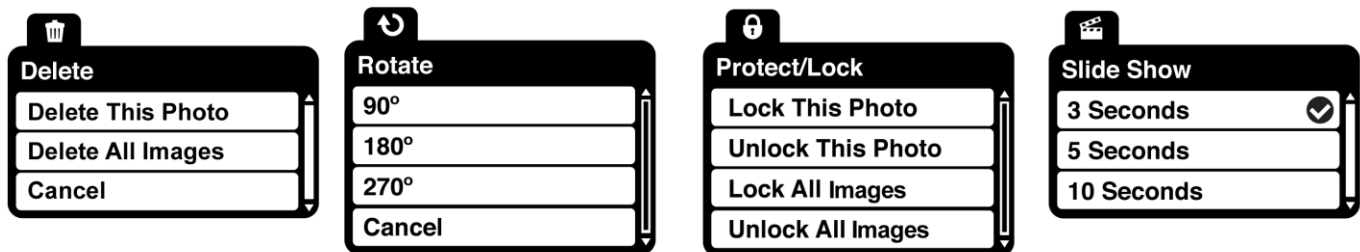
### Other

<b>SHUTTER / OK</b>	<ul style="list-style-type: none"><li>•  Returns zoomed image to full screen size.</li><li>• Enlarges the selected image in thumbnail view.</li><li>• SAVE SELECTION - Saves your selected menu option.</li></ul>
<b>MODE / MENU</b>	<ul style="list-style-type: none"><li>• MODE SELECTION - Toggles between the Photo Capture Mode, Video Capture Mode and Playback Mode.</li><li>• MENU – Press for 2 seconds to open the menu options for Photo Playback Mode. To navigate through the Menus, press the <b>UP / DOWN / LEFT / RIGHT</b> buttons.</li></ul>

	<ul style="list-style-type: none"> <li>Exits the menu screen.</li> </ul>
<b>T / UP</b>	ZOOM - Zooms In to selected photo.
<b>W / DOWN</b>	<ul style="list-style-type: none"> <li>ZOOM - Zooms Out of selected photo.</li> <li>THUMBNAIL - Opens <b>Thumbnail View</b>. To navigate in the Thumbnail View press the <b>UP / DOWN / LEFT / RIGHT</b> buttons. To select an image in the Thumbnail View press the <b>SHUTTER/OK</b> button.</li> </ul>

## PHOTO PLAYBACK MODE MENUS

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



### **DELETE MENU**

While in the Playback Mode, you can delete pictures from your camcorder through the 'Delete' menu. The 'Delete' options include: Delete This Photo / Delete All Images / Cancel

- 1) Select the photo you would like to delete.
- 2) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Delete' menu.
- 4) Press the **T/UP** or **W/DOWN** button to highlight a specific option.

#### DELETE THIS PHOTO:

To delete the selected photo: Select 'Delete This Photo' and press the **SHUTTER/OK** 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 **SHUTTER/OK** 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 **SHUTTER/OK** button. The photo will not be deleted and you will exit the menu and return to the Playback mode.

#### DELETE ALL IMAGES:

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

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

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

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

#### CANCEL:

To exit the 'Delete' menu without deleting your image(s): Select 'Cancel' and press the **SHUTTER/OK** button. The camcorder returns to Playback Mode.

**Remember:** Only images that are unlocked can be deleted. To delete a locked image, first unlock the image, then select the desired delete option.

### **ROTATE MENU**

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

The 'Rotate' options include: 90° / 180° / 270° / Cancel

- 1) Select the photo you would like to rotate.
- 2) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the 'Rotate' menu.

- 4) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 5) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.
- 6) The selected picture now appears rotated in the Playback Mode display.

## **PROTECT/LOCK MENU**


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

The ‘Protect/Lock’ options include:

Lock This Photo / Unlock This Photo / Lock All Images / Unlock All Images

- 1) View the photo you would like to lock.
- 2) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 3) Press the **LEFT** or **RIGHT** button to scroll and select the ‘Protect/Lock’ menu.
- 4) Press the **T/UP** or **W/DOWN** button to highlight a specific option.


### **LOCK THIS PHOTO:**

To Lock the Selected Image: Use the **T/UP** or **U/DOWN** button to highlight ‘Lock This Photo’ and then press the **SHUTTER/OK** button. The image now appears in Playback Mode with the lock icon .

### **UNLOCK THIS PHOTO:**

To Unlock the Selected Image: Use the **T/UP** or **W/DOWN** button to highlight ‘Unlock This Photo’ and then press the **SHUTTER/OK** button. The image now appears in Playback Mode without the lock icon.

### **LOCK ALL IMAGES:**


To Lock All Images (videos and photos): Use the **T/UP** or **W/DOWN** button to highlight ‘Lock All Images’ and then press the **SHUTTER/OK** button. All images now appear in Playback Mode with the lock icon  indicating that the images are protected/locked.

### **UNLOCK ALL IMAGES:**

To Unlock All Images (videos and photos): Use the **T/UP** or **W/DOWN** button to highlight ‘Unlock All Images’ and then press the **SHUTTER/OK** button. The images now appear in Playback Mode without the lock icon.

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


**Note:**

- Any image that is locked displays a lock symbol  on the LCD screen when viewing that image in the Playback Mode. Videos that are not locked do not display the lock symbol.
- Remember that you cannot delete images while they are locked.

## **SLIDE SHOW MENU**

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

The 'Slide Show' options include: 3 Seconds / 5 Seconds / 10 Seconds

- 1) Press the **MENU** button for 2 seconds to open the menus for the current mode.
- 2) Press the **LEFT** or **RIGHT** button to scroll and select the 'Slide Show' menu.
- 3) Press the **T/UP** or **W/DOWN** button to highlight a specific option.
- 4) Press the **SHUTTER/OK** button to confirm and select the highlighted menu option.
- 5) A  selected option icon appears on the selected item.
- 6) To continue within the menus and select a different menu option:  
Press the **LEFT** or **RIGHT** button to select the next menu item.
- 7) To exit the menu view:  
Press the **MODE** button to exit the menu and return to your previous mode.

**Note:**

- To exit the Slide Show and return to the previous mode, press any button.

# Downloading and Installing the Software

You must be connected to the Internet to install and run the ONN Experience Image Manager software.

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

**WINDOWS OS:** <http://tinyurl.com/onnwin>

**MAC OS:** <http://tinyurl.com/onnmac>

1. Enter the appropriate URL (shown above) into a web browser on your computer.
2. The file for installing the software automatically begins to download to your computer.  
Please note that the web page appears empty, however the download automatically begins.
3. Locate the downloaded application files on your computer's 'Downloads' folder once the download is complete.
4. Double click on the downloaded application file to install the ONN Experience Image Manager Software.
5. Follow all instructions.
6. Once installation is complete, the ONN Experience Image Manager opens automatically.



## Connecting the Camcorder to the Computer

- 1) Use the supplied USB cable to connect your camcorder to your computer.
- 2) Power the camcorder ON.
- 3) The first time you connect the device to the computer you may have to wait a few moments until the computer recognizes the device.

## Getting Photos and Videos from the Camcorder to the Computer

An SD card needs to be inserted. 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 camcorder (removable disk) from the device window. If your camcorder 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 camcorder to your computer.
- 9) A media download progress bar appears on the bottom left showing the number of media files downloading to your computer. A message appears when the download is complete.
- 10) The photo and video files that you selected are now downloaded to your computer to the selected folder and albums ready for your use.

## Getting Started!

Using the ONN Experience Image Manager you can:

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

**For more details on how to use the ONN Experience Image Manager open the “Help guide” or “Tour” from the Help menu.**

# Transferring Images from my Camcorder to my Computer Manually

## TRANSFERRING PHOTOS AND VIDEOS: WINDOWS

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- 1) Use the supplied USB cable to connect your camcorder 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

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- 1) Use the supplied USB cable to connect your camcorder to your computer.
- 2) 'MSDC' appears on the LCD.
- 3) The camcorder'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

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**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 camera to your iPad by following either one of the options below:

- 1) Connecting your digital camera 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 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.

## Camcorder Maintenance

The digital camcorder is a delicate device.

Please handle your camcorder with care to avoid damaging it.

Do not expose your camcorder to heat sources.

Do not use your camcorder in wet or moist conditions.

## Technical Support

Call 1-877-387-8200 in the U.S..

# Warranty Card

This warranty covers the original consumer purchaser only and is not transferable.

This warranty covers products that fail to function properly UNDER NORMAL USAGE, due to defects in material or workmanship. Your product will be repaired or replaced at no charge for parts or labor for a period of one year.

## **What Is Not Covered by Warranty**

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

## **To Obtain Warranty Service and Troubleshooting Information:**

Call 1-877-387-8200 in the U.S..

To receive Warranty service along with the name and address of an authorized product service center, the original consumer purchaser must contact us for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the product is within the applicable Warranty period(s), **MUST** be presented in order to obtain the requested service. It is your responsibility to properly package and send any defective products along with a dated copy of proof of purchase, a written explanation of the problem, and a valid return address to the authorized service center at your expense. Do not include any other items or accessories with the defective product. Any products received by the authorized service center that are not covered by warranty will be returned unrepaid.

# 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's power is 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's power is 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's power is 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 ONN 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 ONN Experience Image Manager are sent to your computer's Recycle or Trash Bin and can be retrieved from there.

## **WARNING:**

DO NOT MIX OLD AND NEW BATTERIES.

DO NOT MIX ALKALINE, STANDARD (CARBON ZINC) OR RECHARGEABLE (NICKEL CADMIUM) BATTERIES.

## **ATTENTION:**

1. Batteries should be replaced by an adult.
2. Non-rechargeable batteries are not to be recharged.
3. Rechargeable batteries are to be removed from the camera before being charged.
4. Rechargeable batteries are only to be charged under adult supervision.
5. Different types of batteries or new and used batteries are not to be mixed.
6. Only batteries of the same or equivalent type as recommended are to be used.
7. Batteries are to be inserted with the correct polarity.
8. Exhausted batteries are to be removed from the camera.

Note: If the camera is not in use for a long period of time, the batteries left inside this product may corrode or leak.

9. The supply terminals are not to be short-circuited.
10. Do not dispose of this product in fire.
11. Small parts not for children under 3 years of age.
12. Do not touch or modify the internal components other than to replace the batteries.
13. Please keep this instruction guide for future use.

This device complies with the part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- \_\_\_ Reorient or relocate the receiving antenna.
- \_\_\_ Increase the separation between the equipment and receiver.
- \_\_\_ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- \_\_\_ Consult the dealer or experienced radio/ TV technician for help.