

User Manual

GE 1080p Digital Camcorder

DVX



imagination at work

CONTENTS

CONTENTS.....	2
PRECAUTIONS	6
Preface.....	6
Copyright	6
Trademarks	6
About this Manual	6
Symbols used in this Manual.....	6
WARNING	7
SAFETY PRECAUTIONS.....	9
Video camera notes.....	9
Memory card notes	9
LCD screen notes	10
Please read the following important information carefully before using this product.....	10
WATER & DUST PROOF PRECAUTIONS.....	11
Water & Dust Proof.....	11
Precautions Before Using	11
Precautions When Using.....	11
Maintenance Precautions After Using	12
GETTING STARTED	13
Accessories	13

Each Component Name	14
Charge and Insert SD Card	15
Charging	15
Insert SD/SDHC Card	16
Turning On/Off	17
Setting Language and Date/Time	18
Set Display Language	19
Set Date and Time	20
BASIC OPERATION	21
Recording Movies	21
Zoom Function	21
White Balance	22
Shooting	22
LCD Screen Display in Different Modes	23
Shooting Screen	23
Video Recording	24
Playback	25
DISP	26
PLAYBACK	27
Preview Photos and Videos	27
Video	27

Zoom in Photos.....	29
Screen Display in the Playback Mode.....	30
Delete Photos and Videos	31
MENU SETUP	32
Photo Setup	32
Quality.....	33
Exposure Metering	33
HDR.....	34
Continuous Shot.....	34
Date Imprint.....	35
Movie Setup	36
Movie Resolution.....	37
Exposure Metering Modes	37
HDR.....	38
General Setup.....	39
Beep Setup	40
LCD Brightness	40
World Time	41
Power Saver	41
firmware Version	42
Format Memory.....	42
Reset.....	43

Copy to Card.....	43
Playback Setup	44
Delete	45
Slide Show	47
Red Eye Removal.....	48
CONNECTION.....	49
Connecting to TV Output with HDMI.....	49
Connecting to a PC via USB.....	50
APPENDICES	52
Specifications: DVX.....	52
Error Messages	55
Troubleshooting.....	57

PRECAUTIONS

Preface

Thank you for purchasing this GE digital video camera. Please read this manual carefully and keep it in a safe place for future reference.

Copyright

Copyright 2012 General Imaging Company All rights reserved.

No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form, by any means, without the prior written permission of General Imaging Company.

Trademarks

All trademarks mentioned in this manual are used for identification purposes only and are properties of their respective owners.

About this manual

This manual provides you with instructions on how to use your GE digital video camera. Every effort has been made to ensure that the contents of this manual are accurate, however General Imaging (Asia) Company reserves the right to make changes without notice.

Symbols used in this manual

Throughout this manual, the following symbols are used to help you locate information quickly and easily:



Indicates important information.



Indicates precautions to be taken while operating the video camera.

WARNING

Do not expose the video camera battery pack or other accessories to rain or humidity to to reduce the risk of fire hazard or electric shock fire hazard or electric shock.

For customers in the U.S.A.

Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE

FCC Statement

This device complies with 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.

For customers in Europe



"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. "CE" marked video cameras are intended for sales in Europe.



This symbol [crossed-out wheeled bin WEEE Annex IV] indicates separate collection of waste electrical and electronic equipment in the European countries. Please do not throw the equipment into the trash. Please electronically recycle responsibly.

Declaration of Conformity

Model Name: DVX

Trade Name: GE

Responsible Party: General Imaging Co.

Address: 1411 W. 190th Street, Suite 550, Gardena, CA 90248, USA.

Telephone Number: +1-800-730-6597

(Outside U.S. & Canada: +1-310-755-6857)

SAFETY PRECAUTIONS

Video Camera Notes:

Do not store or use the video camera in the following types of locations:

- In direct sunlight for a long period of time or high temperatures (above 40°C)
- In environments with high magnetic fields
- In very humid or dusty places

Doing so may shorten the life of the digital video camera or allow foreign materials to enter the camera, which could damage the internal components and effect operation.

If the video camera will not be used for a long period of time, we suggest you download photos/videos and remove the SD memory card.

If the video camera is taken from a relatively cool environment (lower than 40°C/104°F) and placed in a warmer or more humid atmosphere, condensation may occur within the camera. We suggest you wait for the camera to come to room temperature before turning on or using the video camera.

General Imaging is not responsible for any loss of data, camera malfunction or non-operation.

Memory Card Notes:

When using a new SD memory card, or a SD memory card has been initialized by a PC, you might have to format the card if the camera is not reading it. However, please back up any data on the card prior to inserting it into the DVX as the formatting will delete all data on the card.

To edit image data, copy the image data to a PC first.

Do not change or delete the folder names or file names in the SD memory card from your PC, as this may make it unusable and/or unreadable.

Only remove and insert a SD memory card when the camera is off as data loss and/or corruption may occur.

Do not turn the camera off when the firmware is being updated or data, picture loss and/or corruption may occur.

The SD memory card can only be inserted one way into the DVX video camera.

LCD Screen Notes:

Due to current LCD manufacturing technology, you may see a few light or dark pixels on your LCD screen. This is normal.

These light or dark pixels will not affect the quality of the photo or video image.

If the LCD screen is damaged, take particular care with the liquid crystal material inside the screen. If any of the following situations arise, take the recommended immediate action indicated below:

- If liquid from the LCD screen comes in contact with your skin, wash thoroughly with soap and running water.
- If liquid from the LCD screen gets into your eye, flush the affected eye with clean water for at least 15 minutes and then seek immediate medical assistance.
- If liquid from the LCD screen is swallowed, flush your mouth thoroughly with water and try to induce vomiting. Then seek immediate medical assistance.

Please read the following important information carefully before using the product:

- Do not disassemble or attempt to service the video camera yourself.
- Do not drop or knock the video camera. Improper handling may damage the product and void the warranty.
- Turn off the video camera before inserting or removing the SD memory card.
- Do not touch the camera lens.
- Do not expose the camera lens to direct sunlight for extended periods of time.
- Do not use abrasive cleansers, alcohol-based, or solvent based cleaners to clean the video camera body. To clean, wipe the video camera lens with a soft, professional lens cleaning cloth and special cleaning agent for cameras and electronics.

Water & Dust Proof Precautions

Water & Dust Proof

- The video camera meets JIS/IEC waterproof grade 8 (IPX8) and JIS/IEC dustproof grade 6 (IPX6).
- The accessories included with the video camera are not for use in wet conditions.

Precautions Before Using

- Please make sure that the SD cover and HDMI/USB interface cover (hereinafter referred to as “interface cover”) are locked securely.
- The rubber mating surfaces on the covers and doors should be clean and free of foreign matter to insure a tight seal.
- Units with damaged waterproof rubber seals should not be used in wet or damp conditions.
- Don't use the video camera in a geothermal spring.
- When using the video camera in water, a wrist strap is recommended.

Precautions When Using

- Don't use the video camera below 5 meters (approximately 15 feet) underwater.
- Don't use the video camera under water for more than 2 hours.
- The camera should not be dropped into water. Avoid jumping or diving into water with the camera as the SD cover or interface cover may open on impact.
- Do not open the SD cover or interface cover underwater .

Maintenance Precautions After Using

- Wipe the video camera with a clean, dry, lint free cloth.
- When the SD cover or interface cover is opened, there may be water drops on the inside of the SD cover or interface cover and on the contact surface of video camera body; make sure to dry these areas completely.
- After using the video camera in the water or near sand, mud or other foreign materials, wash it thoroughly with clean water (don't open the SD card cover or interface cover while when cleaning). After cleaning, wipe the video camera with a clean, dry, lint free cloth.
- To help maintain the camera's waterproof ability, wipe off any dust, sand or other foreign materials from the rubber gaskets and corresponding slot areas.
- Do not use any chemical agents to clean the camera. Do not use silicone grease on the rubber.



Damaged rubber gaskets with cracks or scratches will allow water to penetrate the camera and the camera will no longer be waterproof.

GETTING STARTED

Accessories

Your package should contain the video camera model you purchased along with the items below. If anything is missing or appears to be damaged, please contact our customer service department.



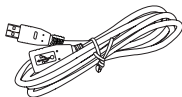
Warranty Card



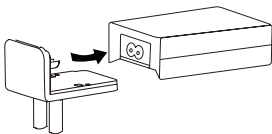
Quick Guide



Wrist Strap

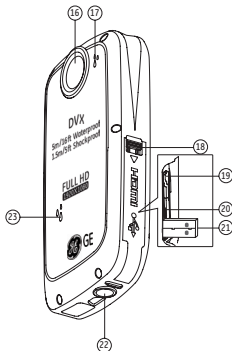
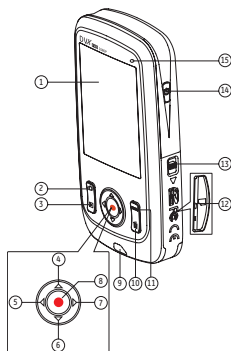


USB Cable



Power Adapter

Component Names



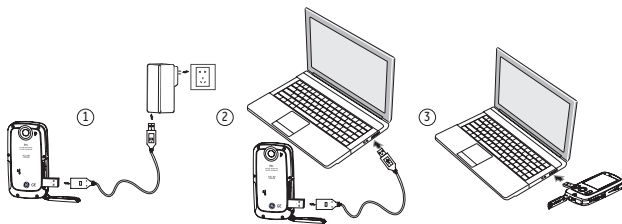
1	LCD Screen	12	SD Card Slot
2	Shooting Button	13	SD Card Slot Switch
3	Playback Button	14	Power Button
4	Up Button / Zoom In Button	15	Status Indicator
5	Left Button / Display	16	Lens
6	Down Button / Zoom Out Button	17	Microphone
7	Right Button / White Balance	18	USB/HDMI Card Slot Switch
8	OK Button / Record Button	19	USB lock
9	Wrist Strap Hole	20	HDMI Interface
10	Delete Button	21	USB Jack
11	Menu Button	22	Tripod Socket
		23	Speaker

Charge and Insert SD Card

Charge:

This video camera has an internal battery. You can use the following three methods to charge the video camera:

1. Use the provided USB cable to connect the video camera with the adapter (see figure 1)
2. Use the provided USB cable to connect the video camera to a PC (see figure 2)
3. Connect the camera's flip-out USB connector to a PC directly (see figure 3)



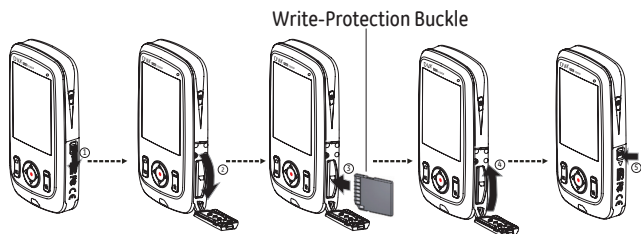
The DVX should charge for approximately 4 hours for the first time, and the status indicator will turn green when the battery is fully charged.



If you use method 1 to charge, the charging time is approximately 3 hours. If you use method 2 or 3 to charge, the charging time is approximately 5 hours.

Insert SD/SDHC Card

1. Open SD Card Cover (see diagram 1 and 2)
2. Insert SD Card (see diagram 3)
3. Close SD Card Cover (see diagram 4 and 5)



After opening the buckle on the SD Card Cover according to the arrow direction shown in the figure ①, SD Card Cover will open automatically. To remove SD card, gently press it down to pop it out.



Optional SD/SDHC cards are not included in the accessories and must be purchased separately.



When selecting Full HD size (1920X1080, 1440X1080) to record video, use High Speed Card (above Class 4).



When taking video if a "Memory card accessing is slow" message appears on the LCD screen, change the SD card to a High Speed Card (above class 4) or reformat the current card and re-try taking video.


Turning On/Off

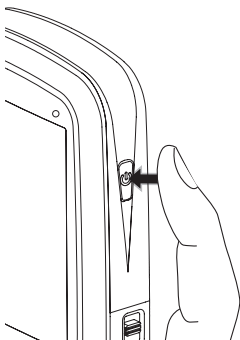
Press the Power button to turn the video camera on/off.

When the power is off, press the Power button to turn the video camera on.

When the power supply is on, press the Power button to turn the video camera off.



If there is no response on the video camera, press and hold the power button and the  button for at least two seconds to reset and power off.



Setting Language and Date/Time



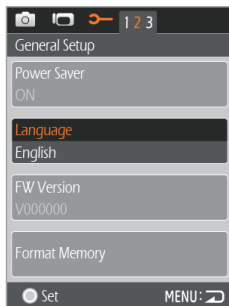
Language, Date / Time setting menu will appear when turning the video camera on for the first time.

Use the following procedures to set the camera to your preferences:

1. Press the **Power** button to turn the video camera on
2. Press the **▲▼◀▶** button to select the settings
3. Press the **●** button to confirm the settings

Set Display Language

1. Press the **menu** button to enter the setting menu.
2. Press **◀▶** to select **⚙️** menu;
Press **▲▼** to select the **Language** option.



3. Press the **●** button to enter the setting interface.
4. Press **▲▼** to select language of choice. Then
Press the **●** button to return to the menu;
or Press the **menu** button to return to the shooting screen.



Set Date and Time

1. Press the **menu** button.
2. Press **◀▶** to select **🔑** menu;
Press **▲▼** to select the **Date / Time** option.
3. Press the **⬤** button to enter the Set Date/ Time program.
4. Press **▲▼** to select function option or, Press the **⬤** button to return to the menu;
Press **◀▶** to select the value;
Or Press the **menu** button to return to the shooting screen.
5. Press the **⬤** button to store the value, Press the **menu** button to return to the shooting screen.



Date format is: M-D-Y;
Time format is: 24 hour format



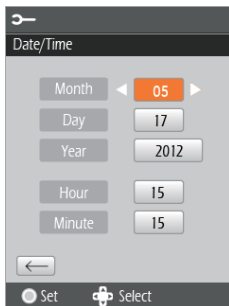
When selecting the option, the screen will display the icons with the following Two colors:



White: not selected





Orange: Current selection



BASIC OPERATION

Movie Recording

This function allows you to record movies.


1. Press the **Power** button to turn the video camera on.
2. Press the  button to begin taking video.
3. Press the  button to end the video recording.

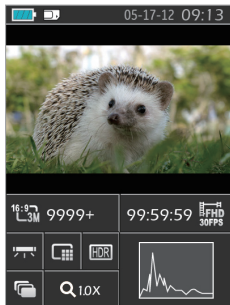
Zoom Function

Press the   button to zoom in or zoom out:

-  : Digital Zoom In
-  : Digital Zoom Out









When the zoom function is engaged, the zoom icon displayed on the screen will change from white to orange. .

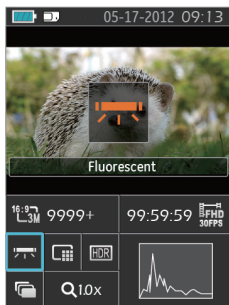


White Balance

With White Balance, users can adjust the color temperature under different light sources to adjust correct color.


Press the ► button to scroll through the White Balance options. Available options include:

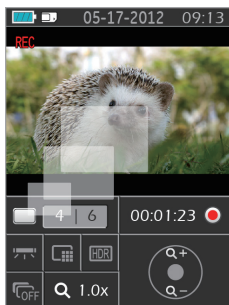
-  White Balance: Auto
-  White Balance: Daylight
-  White Balance: Cloudy
-  White Balance: Fluorescent
-  White Balance: Incandescent
-  White Balance: Waterproof



Shooting While Recording

You can take photos while simultaneously recording video.

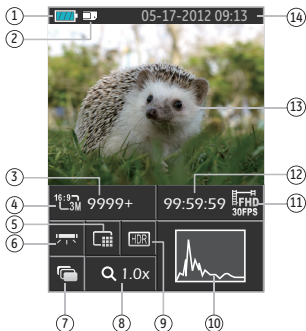
During the process of recording a video, simply press the  button to take photos.



LCD Screen Display in Different Modes

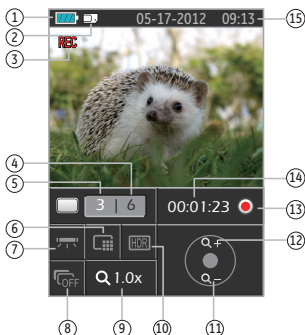
Shooting Screen:

1. Battery status indicator
2. Memory card
3. Remaining number of pictures
4. image resolution
5. Image Quality
6. White Balance
7. Continuous Shot
8. WT Ratio
9. HDR
10. Histogram
11. Video Quality
12. Remaining video time
13. Face Detection
14. Shooting date and time



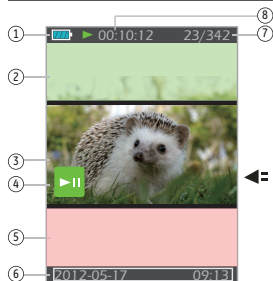
Video Recording:

1. Battery status indicator
2. Memory card
3. During recording
4. The number of available photos
5. The number of photos have been taken
6. Image Quality
7. White Balance
8. Continuous Shot
9. WT Ratio
10. HDR
11. Zoom out
12. Zoom in
13. Video Recording Indicator
14. Video shooting time (during shooting)
15. Shooting date and time

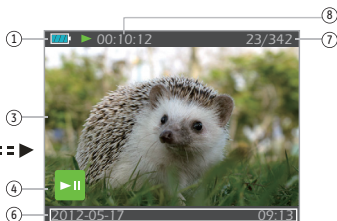


Using this facility, the number of shots is limited by the file size of the single frames.

Vertical



Horizontal

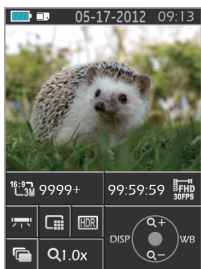


Playback:

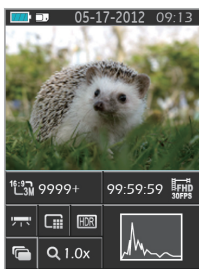
1. Battery status indicator
2. Previous photo/video
3. Selected film /image
4. Video file reminder display
5. Next photo/video
6. Shooting date and time
7. Ranking order/number of the current photos
8. Film length

Display

In shooting mode press the ◀ / DISP button, you can switch the screen between the following two screens:



Display One









Display Two

PLAYBACK

Preview Photos and Videos






You can view photos and videos either vertically or horizontally when in playback mode.



1. Press the  button.
2. Vertical: Press   button to select the previous /next photo /video;
Horizontal: Press   button to select the previous /next photo /video.
3. Play the selected video, press the  button to enter the playback mode.



Video:

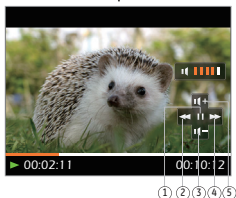
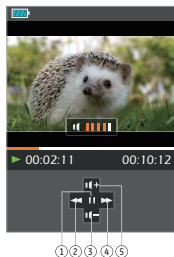
In the playback mode, each button description is shown as follows:

- | | |
|-------------------|-------------------|
| 1 Pause | 4 Fast Forward |
| 2 Fast Backward | 5 Increase Volume |
| 3 Decrease Volume | |


When playing videos, the operation guides will appear on the screen. Press the  button to play or pause. When viewing in horizontal mode, the operation guides and time access will not automatically display. Press     to display them.

While the video is playing, press the  button to fast forward the video, or press  to fast reverse it.

In the Pause screen, press the  button to switch to the previous frame photo; press the  button to switch to the next frame photo.





When playing in the video mode, press the  button to return to the Playback screen.



In the Pause screen, press the  button to return to the **Playback screen**.




In the **Playback mode**, only the first frame of the video is displayed.














Fast Forward Display: 2x / 4x / 8x / 16x
Fast Backward Display: 2x / 4x / 8x / 16x

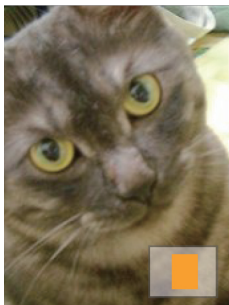


When the video camera is turned off, press the  button for 2 sec to turn it on, and enter Playback mode.

Using Zoom in Playback Mode

In the Playback mode, images can be magnified up to 4x by using the function button.

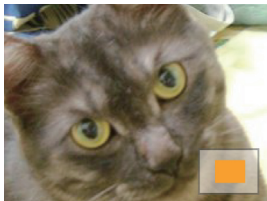
1. Press the  button to return to the Playback mode.
2. Vertical: Press the   button to select a photo; Horizontal: Press the   button to select a photo.
3. Press the  button to magnify photos up to 4x. (See note below)
4. Press the     button to move the position of display area.
5. Press the  button again to return to the Playback screen (the original size).




This zoom feature can only be used on still images. It is not available in video playback.





The maximum zoom capacity is 4x in this mode.








Screen Display in the Playback Mode

Press the  button to display the following modes (the picture is displayed in the horizontal position):



Playback Screen

When shooting, press  button to return to Playback mode; press  button to return to the Shooting screen.


Thumbnail

When in playback mode, press the  button, 3x3 thumbnails will display on screen. Press the     buttons to select the photo or video to be viewed.


Date Folder

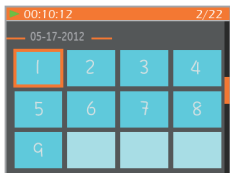
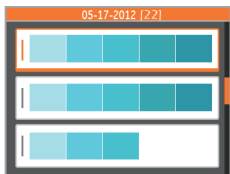
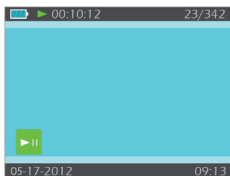
When in Thumbnail Mode, press the  button, and the thumbnails will be sorted by shooting date; or press the  button to return to the Playback screen.

Date Folder Thumbnail

With the Date Folder displayed on screen, press the  button to enter the Date Folder Thumbnails (only photos in the Date Folder are displayed) or press  again to return to the Playback screen.












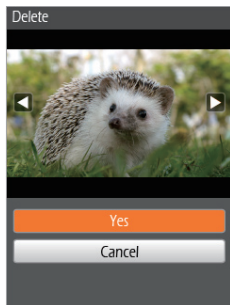
When 3X3 Thumbnails and Date Folder Thumbnails are displayed on the screen, press the  button to enter the date folder screen.



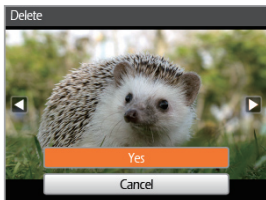
Delete Photos and Videos

In the Playback mode (Playback screen / Thumbnail / Date Folder / Date Folder Thumbnail), press the  button to delete the currently selected photo/video.

1. Press the  button to return to the Playback Mode (Playback screen / Thumbnail / Date Folder / Date Folder Thumbnail).
2. Press the     button to select the photo/video to be deleted.
3. Press the  button to display the photo/video to be deleted on the screen.
4. Press the   button to select Yes or Cancel
Yes: Deletes the current photo/video
Cancel: Returns to the previous screen.
5. Press the  button to save the setting and return to the Playback mode.



Erased photos/videos are permanently deleted and cannot be recovered.





MENU SETUP





Photo Setup

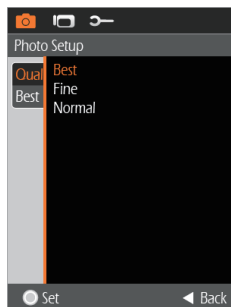
Mode: 

Press the **menu** button to enter the Setup Menu.

1. Select  menu.
2. Press the  button to select the option in the **Photo Setup** menu or press **menu** button to return to the Shooting screen.






3. Press the  button to enter the options menu once you have selected an option within Photo Setup.
4. Press the  to select option.
5. Press the  button to select and return to the **Photo Setup** menu; or press  button to return to the menu; or press **menu** button to return to the Shooting screen.

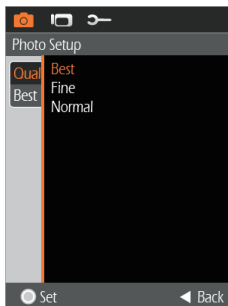


Quality

The **image quality** menu adjusts the compression ratio of the images. Higher quality settings give better photos, but will take up more memory space.

There are three options for Image Quality:

-  Quality: Best
-  Quality: Fine
-  Quality: Normal

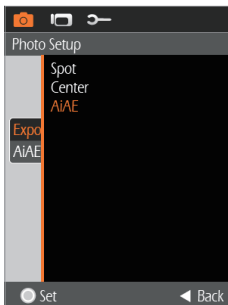


Exposure Metering

This specifies the area of the picture that the camera uses to correctly expose the picture.

There are three options for Exposure Metering:

- Exposure Metering: Spot - this uses one point in the frame, usually the center of the frame, to determine correct exposure.
- Exposure Metering: Center - this uses the center of the frame to determine correct exposure.
- Exposure Metering: AiAE - this uses multiple areas of the frame to "intelligently" determine correct exposure.

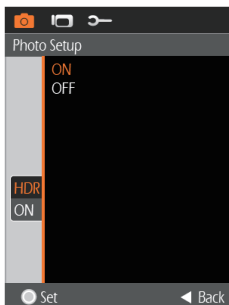


HDR



HDR (High Dynamic Range) automatically takes multiple exposures of the same picture and overlaps them to lighten dark areas and darken light areas, thereby correcting exposing the picture.

There are two options for HDR:

- HDR: ON
- HDR: OFF

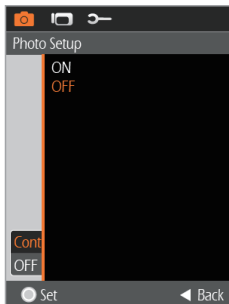


Continuous Shot

Continuously hold down  button to perform continuous shooting; to stop, please release  button.

The Continuous Shot has two options:

- Continuous Shot: ON
- Continuous Shot: OFF

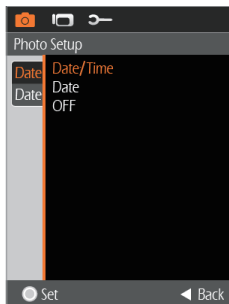


Date Imprint

Saves the date and time data with the picture.


There are three options for Imprint Date:







- Imprint Date: Date / Time
- Imprint Date: Date
- Imprint Date: OFF









Movie Setup

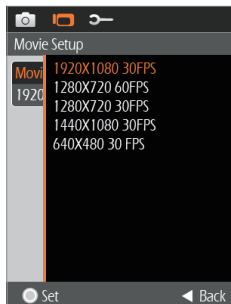
Mode:

Press the  button to enter the Setup Menu.

1. Press the   button to select the  menu.
2. Press the   button to select the option in the **Movie Setup** menu or press the  button to return to the Shooting screen.



3. Press the  button to enter the setting interface of the corresponding options in the **Movie Setup** Menu.
4. Press the   to select the value.
5. Press the  button to save the value and return to the **Movie Setup** Menu; or press the  button to return to the menu; or press the  button to return to the Shooting screen.



Movies cannot be recorded without a SD/SDHC card in the camera.

Movie Resolution

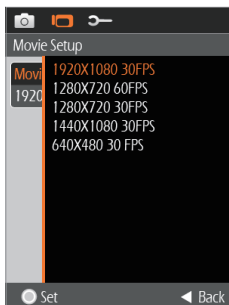
Size setup refers to the Movie Resolution and aspect ratio expressed in pixels.

The Movie Resolution setting has five options:

- 1920X1080p: 30FPS
- 1280x720p: 60FPS
- 1280x720p: 30FPS
- 1440X1080p: 30FPS
- 640x480p: 30FPS



HD recording time is limited to less than 29 minutes.

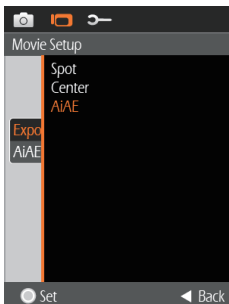


Exposure Metering Modes

Exposure Metering is used to setup a target area for the exposure to be obtained.

There are three options for Exposure Metering:

- Exposure Metering: Spot
- Exposure Metering: Center
- Exposure Metering: AiAE

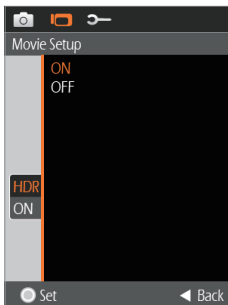


HDR

HDR (High Dynamic Range) takes several exposes and overlaps them. This lightens darker areas of the photo and darkens lighter areas, thereby correctly exposing the picture.

There are two options for HDR:






- HDR: ON
- HDR: OFF

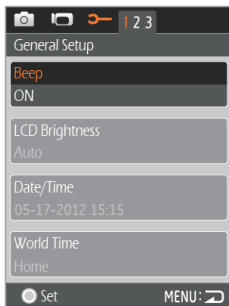









General Setup

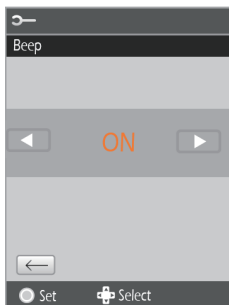
Mode:   

Press **menu** button to enter Setup menu.

1. Press   button to select  menu.
2. Press   button to select the options in the **General Setup** menu.



3. Press  button to enter the menu of corresponding options in the **General Setup** menu.
4. Press   to select function option or select, press  button to save selection and return to the menu; press   to select the menu option; or press **menu** button to return to the shooting screen.
5. Press  button to save the menu option, press **menu** button to return to the Shooting screen.

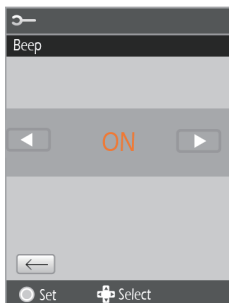


Beep Setup

Use **Beep Setup** to adjust the volume of beep when buttons are pressed.

There are two options in **Beep Setup**:

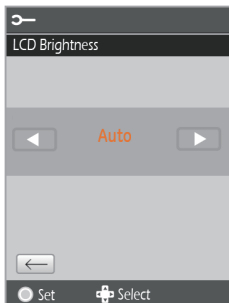
- ON
- OFF



LCD Brightness

Use **LCD Brightness** to adjust the brightness of your screen.

In the **LCD Brightness** screen, press ◀▶ button to select auto or different brightness ratio, press ● button to save the menu option. Press menu button to return to the Shooting screen.



World Time

When overseas, adjust the **World Time** setting to the time zone of the city nearest you.

There are two options in **World Time**:

-  Location
-  Travel Target



Power Saver

Use the **Power Saver** function to prolong battery life between charges.

The **Power Saver** function has two options:

- ON
- OFF



When power saving function is turned on, the screen will automatically turn off after one minute and the video camera will automatically turn off after three minutes.



Firmware Version

Use this option to view the current **Firmware version** of the video camera.

There are two options in **Firmware Version**:

- FW Update (can update the version with the new version on SD card)
- Cancel

To check if there is a newer Firmware version available, please go to: www.ge.com/digitalcameras. Firmware versions are available under 'Support'.



The firmware update can't be completed if the battery is not sufficiently charged.



Format Memory

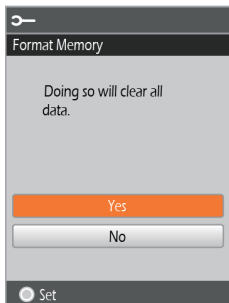
Use **Format Memory** function will delete all data in the storage card and internal memory.

There are two options in **Format Memory**:

- Yes
- No



When there is no memory storage card in the camera, Format Memory will format the internal memory. If there is a memory card in the camera, Format Memory will only format the memory storage card.

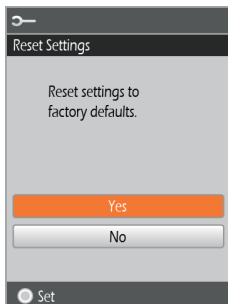


Reset

Use the **Reset** function to set the video camera to factory default values.

The **Reset** has two options:

- Yes
- No

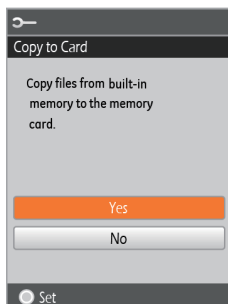


Copy to Card

Use **Copy to Card** function to copy the files stored in the internal memory card to storage card.

The **Copy to Storage Card** has two options:


- Yes
- No



Playback Setup

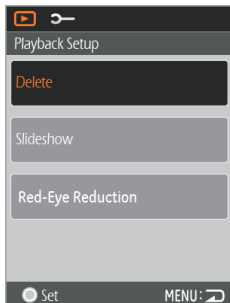
Mode:

In Playback mode, Press **menu** button to enter Setup menu.

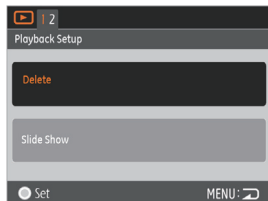
1. Select  menu.
2. Press **▲▼** button to select the options in the Setup menu.

The **Playback Setup** has three options:

- Delete
- Slide Show
- Red-eye Reduction



In the Playback mode, press **menu** button, Note this function will only display in the horizontal mode.

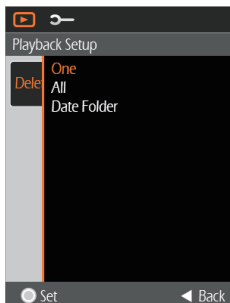


Delete

Using this function will delete the photos/videos stored in the internal memory or storage card.

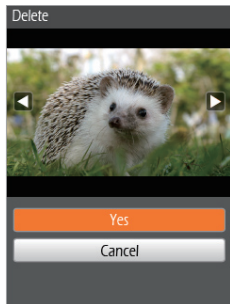
The **Delete** has three options:

- One
- All
- Date Folder



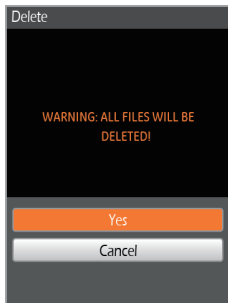
Delete One:

1. Press ▲▼ button to select Delete option, press ● button to enter the setup interface.
2. Select One options, press ● button to save the setting value and enter function selection interface.
3. Press ▲▼ button to select Yes or Cancel to return to the menu.
4. Press ● button to save the menu option and return to the Playback Setup menu, press menu button to return to the Shooting screen.



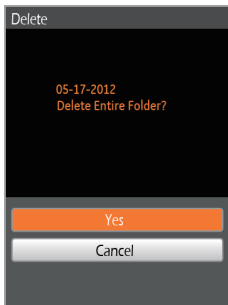
Delete all:

1. Press ▲▼ button to select Delete option, press ● button to enter the setup interface.
2. Select all options, press ● button to save the setting value and enter function selection interface.
3. Press ▲▼ button to select Yes or Cancel to return to the menu.
4. Press ● button to save the menu option and return to the Playback Setup menu, press menu button to return to the Shooting screen.






Delete Date Folder:

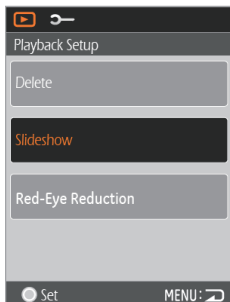
1. Press ▲▼ button to select Delete option, press ● button to enter the setup interface.
2. Select Date Folder option, press ● button to enter Date Folder selection interface.
3. Press ▲▼ button to select the Date Folder to be deleted, press ● / 🗑 button to display the deleted information on the screen.
4. Press ▲▼ button to select Yes or Cancel to return to the menu. Press ● button to save the menu option and return to the Playback Setup menu, press menu button to return to the Shooting screen.








Slide Show

This function displays images in sequence at regular intervals (from the SD memory card or from the internal memory).


1. Press the Menu button and select the Slideshow option. Press the  button to enter the function selection interface.
2. Press  button to select Start or Cancel to return the menu.
3. Press the  button to start playing.



-  Only Horizontal mode is used for slide show playback.
4. Press the  button again to stop playing.
 5. Press the  button to select:

-  Continue to Start
-  Return to the Playback screen

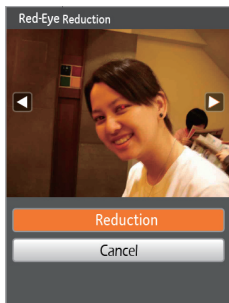


-  The default slideshow interval time is preset to 3 seconds.

Red Eye Removal

Use the Red Eye Removal function to remove red-eye effect in your photos.

1. Press the ▲▼ button and select the **Red Eye Removal** option, press the ● button to enter the setup interface.
2. Press the ▲▼ button and select Reduction or Cancel to return to the menu; press the ◀▶ button to select a photo.
3. After pressing the ● button, the original file will be overwritten.



Red eye reduction does not work for video files.



If the camera's software does not detect red eye effect in the image, "red eye is not detected" will appear on the screen.

CONNECTION

Connecting to TV Output with HDMI

Photos and videos can be viewed on a TV using the HDMI interface. By connecting your DVX to your TV with an HDMI cable (sold separately), the camera will automatically enter the Playback Screen. If the connection is unsuccessful an error message will display.

If 1080i is supported, the images will display on the TV when connection is successful. If 1080i is not supported, the highest resolution supported by the TV will be selected automatically. The video camera will turn off automatically after disconnecting the HDMI cable.



Enter the Playback screen:

Press the ◀ ▶ button to select the previous/next photo/video:

- [Photo icon] : Photo
- [Video icon] : Video

Press the ▼ button to start /stop play.



When the video camera is connected to the TV successfully, the playback screen will display on the TV.

When the video (📺) file appears on the Playback screen, press the ● button to start/stop video play.



When playing video, the functions of ▲▼◀▶ and ● are the same as playing video in the video camera (refer to P27).



When playing video, press the ● button to pause first, then press the ▼ button to return to the Single Playback screen.

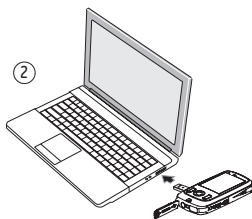
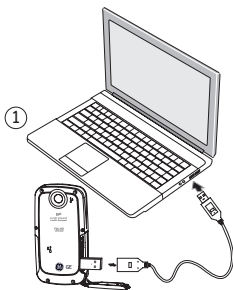


Connecting to a PC via USB

To copy photos and videos in the video camera to a PC take the following steps.

1. Open the USB/HDMI port cover.
2. Press the yellow tab to release the pop-up USB interface connector.
3. Use the USB cable to connect the video camera to a PC (1) or connect the USB connector to a PC directly (2).

This video camera supports (Windows 2000, Windows XP, Windows Vista, Windows 7).



APPENDICES

Specifications: DVX



Design and specifications are subject to change without notice.

Product Category		Digital Camcorder
Effective Image Sensor Pixels		5.03 Megapixel (2592x1944)
Image Sensor		5.08 Megapixels [1/2.5" (CMOS)]
Lens	Focal Length =	5.5 mm
	[35mm film equivalent]	33mm
	F number	2.8
	Lens Component	4P
	Focusing Range	1.5m ~ ∞
Anti-Handshake		Digital Image Stabilization
Digital Zoom		4x Digital Zoom
Number of Recording Pixels	Movie	1920×1080pixels: 30fps, 1280×720pixels: 60fps, 1280×720pixels: 30fps, 1440×1080pixel: 30fps, 640×480pixel: 30fps
	Still Image	5MP: 2592x1944 (4:3), 3MP: 2560x1440 (16:9)
	Still Image in video	The resolution of still photo captured while video recording is same as video resolution
Image Compression		Best, Fine, Normal
File Format	Movie	MPEG-4 AVC/H.264(MOV), Audio: AAC
	Still Image	Exif 2.2 (JPEG)

Shooting Mode	Auto
Detection Features	Face Detection
Red-Eye Removal	Yes
Waterproof	Up to 5m
Shockproof	Up to 1.5m
Dustproof	Equivalent to JIS/IEC (IP6X)
LCD Display	2.5 inch (230,400 pixels)
	Auto Adjust Brightness LCD
ISO Sensitivity	Auto (100~800)
Exposure Metering Method	Artificial Intelligence AE [Ai AE(Face detection AE)], Center-weighted Average, Spot (Fixed to center of frame)
Exposure Control Method	Program AE
AE range	LV5 ~ LV16
Playback Modes	Movie ,Single Photo,Index ,Date Photo,Slide Show
	Zoom (Approx. 4x), Audio, Histogram Display
	FF & REW 2x/4x/8x/16x & each frame

White Balance Control	Auto (AWB), Daylight, Cloudy, Fluorescent, Incandescent, Waterproof
Continuous Shooting	Approx.7.3 fps (Large / Fine Mode)
Recording Media	Internal Memory: 27MB
	SD Card / SDHC (Up to32 GB support)
Other Features	Multi-language Support (26 Languages)
Jacks	Internal USB2.0 ,HDMI Jack
Power	Internal Rechargeable Lithium-ion Battery GB-50A 880 mAh
Approx. battery life	Still: Approx.260shots (based on CIPA Standards)
	Video: Approx.70min (@1080p/ 30fps)
Operation Environment	Temperature: 32 ~ 104 F / 0~40°C, Humidity: 0~90%
Dimensions (W x H x D)	2.2×4.1×0.8in. / 55.0×105.0×20.1mm
Mass	Approx.5.1oz./145g (Body only)
Supplied Accessories	AC adapter, USB extension cable
	Wrist Strap
	Quick Start Guide, Feature Guide, Warranty Card

Error Messages

Messages	Explanation
Warning! Battery exhausted	<ul style="list-style-type: none">• Battery is depleted, connect the camera to a power source and wait until fully charged to resume using
No picture	<ul style="list-style-type: none">• There are no pictures or videos in the memory card or in the internal memory
Pull USB out	<ul style="list-style-type: none">• Remove the USB cable or connector after ensuring you have safely disconnected the hardware on your system
Connection failed	<ul style="list-style-type: none">• Camera is not properly connecting to TV or computer. USB mode may be incorrect or USB port may be damaged. Please try again
File can't be recognized	<ul style="list-style-type: none">• Camera can't recognize such file format
Warning! Don't power off when upgrading!	<ul style="list-style-type: none">• Please don't power the video camera off when upgrading software
Software update failed	<ul style="list-style-type: none">• Update for software that controls camera was not successfully installed• Software version is incorrect. Please download latest version

Messages	Explanation
Internal memory card full	<ul style="list-style-type: none"> The internal memory is full and cannot store any new files. Copy files to PC and delete from camera or insert a new memory card
Memory card full	<ul style="list-style-type: none"> Memory card is full and cannot store any new files. Copy files to PC and delete from card or insert a new memory card
Write protection of memory card	<ul style="list-style-type: none"> Memory card lock is switched to protection mode. Take out the memory card and unlock it
File can't be edited	<ul style="list-style-type: none"> The file has already been edited and can't be edited again
Memory card error	<ul style="list-style-type: none"> The memory card is not recognized or failed. Replace with a new memory card or format this card again
The memory card is not formatted	<ul style="list-style-type: none"> Format the memory card as described on page 42
Battery exhausted, can't update FW	<ul style="list-style-type: none"> The firmware cannot be updated without enough power. Charge the battery fully before attempting to update FW

Troubleshooting

Problem	Possible causes	Solution
Video camera won't turn on	<ul style="list-style-type: none">• Battery low	<ul style="list-style-type: none">• Charge battery
Video camera turns off suddenly while in operation	<ul style="list-style-type: none">• Battery is discharged	<ul style="list-style-type: none">• Charge battery
Photo is blurred	<ul style="list-style-type: none">• Camera is not steady when pictures are taken	<ul style="list-style-type: none">• Suggest using a tripod
Can't take photos	<ul style="list-style-type: none">• Internal memory or memory card is full• The memory card is not formatted• Still in Playback mode	<ul style="list-style-type: none">• Insert a new memory card, or copy files to PC and delete from memory card• Format the memory card• Return to the shooting mode
Can't record video	<ul style="list-style-type: none">• No memory card or memory card is full• Still in Playback mode	<ul style="list-style-type: none">• Insert a new memory card, or copy files to PC and delete from memory card• Return to the shooting mode

<http://www.ge.com/digitalcameras>

