

Quick Guide

1 Overall Introduction

1.1 System Requirements

This Digital Video Camera requires a unit of computer with the following specifications:

- Windows® Vista / XP operating system or Mac OS 10.3 ~10.4
- A CPU of at least the equivalent of Intel® Pentium 4 2.8GHz
- At least 512 MB of RAM
- Standard USB 1.1 connection port or higher
- At least 64MB of display card

Note: USB 1.1 allows you to transmit files to the host, but using USB 2.0 connection port could increase the transmission speed far faster.

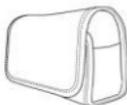
1.2 Accessories

This package should contain the following items. In case there is any missing or damaged item, please contact your dealer immediately.

① Digital video camera



② Pouch



③ Quick guide



④ HDMI cable



⑤ Video cable



⑥ USB cable



⑦ Power core



⑧ Software CD



⑨ Lithium battery



⑩ Battery charger

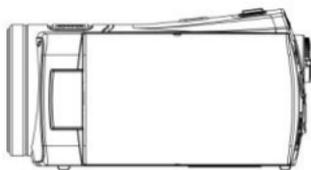


1.3 External View

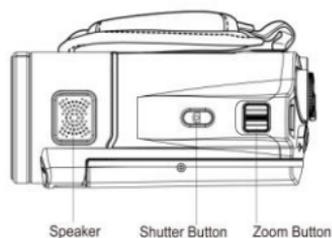
Front View



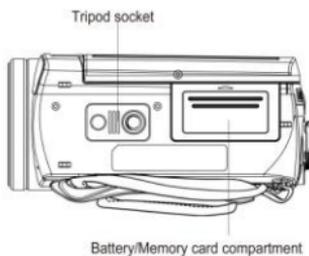
Right View



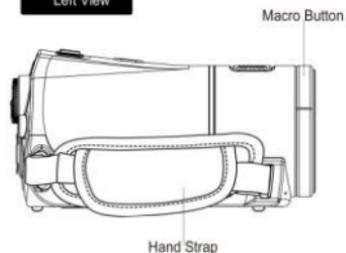
Top View



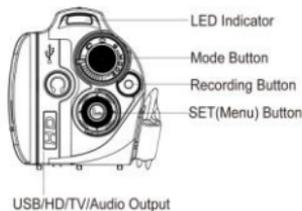
Bottom View



Left View



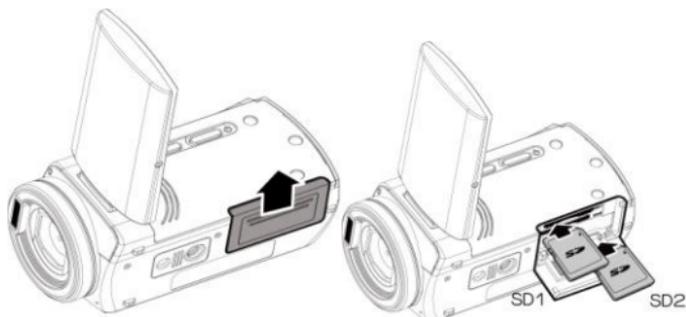
Rear View



2 Getting Started

2.1 Inserting SD Card(s)

1. Open LCD panel and open the battery cover.
2. Insert an SD card and make sure facing the touching face downward.



Note:

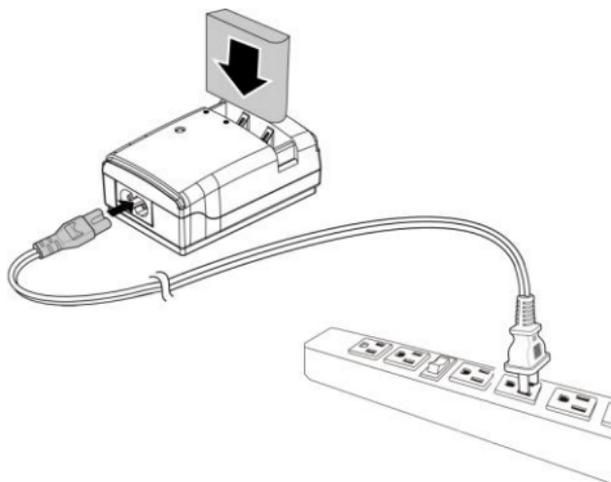
Do not remove or insert SD cards when the power of the Digital Video Camera is on to avoid damaging files.

2.2 Battery Status Indicator:

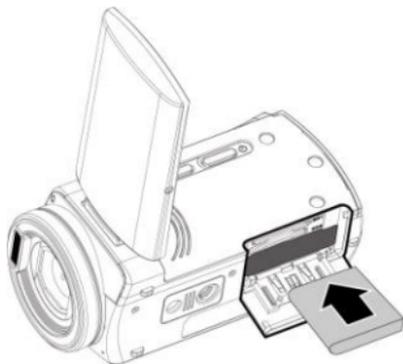
	Batteries full
	Batteries half full
	Battery empty
	Charging battery (A new battery should be charged at least 2 hours.)
	The device power is supplied by DC input. (No batteries inside.)

2.3 Charging the Battery

You can use the charger attached to charge the lithium battery.



2.4 Insert batteries according to the illustration.



2.5 The gestures of using the touch screen

2.5.1 Single touch

Single touch for the below touchable hotkeys:

1. Resolution change (HD, WVGA, WEB or 12M, 8M, 5M, 3M)



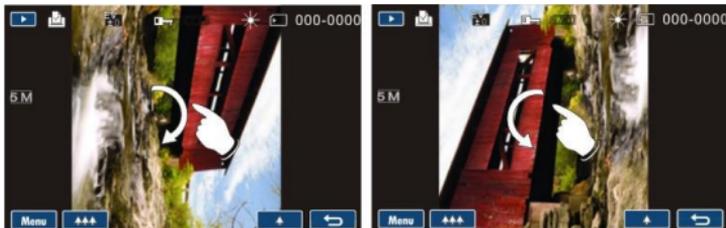
2.5.2 Slide

Slide right or left to view the previous file or the next file under the Playback Mode.



2.5.3 Rotate

Under Playback Mode, you can rotate the image by 90°/step as shown below.



2.6 Buttons & Functions

Description	Button	Function
Power Button		Press the button to turn ON/OFF the Digital Video Camera.
Menu Button		Press the button to display the main OSD menu.
MODE Button		There are three operating modes for the Digital Video Camera: DV Mode, DSC Mode, and Voice Recording Mode. Press the Mode button to change to different modes.
4-Way Direction Button		Press the 4-Way Direction Button UP to turn on/off the flash light: off, auto, fill-in; press DOWN to delete the file when it's in Playback mode.
Zoom button		This Digital Video Camera is 3X Digital zoom(For 720p & below) Press the Zoom button Right (T) to pull in the distance of the subject, or press the button Left (W) to move away the distance from the object
Shutter button		Press the button to take images.
Recording button		Press the button to record movie clip and activate voice recording
Macro button		Macro function allows you to shoot image of an object at very close distance. In the Macro Mode, you can pull in the focusing distance to 20 cm. (Normal focus range: 1.2m ~ infinity) The icon  will be displayed on the LCD screen when the Macro mode is selected.
Playback Button		Press the Playback button to enter Playback mode and playback the last file.

2.7 About LED Indicators

Below table describes the meaning of the camera LED indicators:

	Indicator Color	Definition
Power	Green	Turning power on.
	Red blinking	Flash is charging.
Recording	Red blinking	Recording
Self-timer	Red blinking	Start of Self-timer.

2.8 Initial settings before use

Setting Date and Time

1. Turn on the Digital Video Camera to set up the date and time for the first time. Set the date and time by moving up/down button or touch the screen to select.



2. Press the 4-Way Direction Button left/right to highlight each column. Then press up/down or touch the screen to select the column.



3. Press the 4-Way Direction Button Up/Down to adjust the value. Press Menu () Button to store the value you change or touch the screen to adjust the Year, Date and Time before pressing the Return Button () to store the value and leave the setting.

3 Using the Camera

3.1 Shooting a Movie Clip

1. DV mode is the default setting after you power on the Digital Video Camera.
2. Press the Recording button to start or stop moving recording.
3. The Digital Video Camera will store the Movie clip automatically.

DV Mode Indicator →



4. LCD screen ratio will be different depending on the setting of Movie Clip resolution. Please refer to the table shown below:

Video Resolution	Preview
HD (1280 x 720) WVGA (848x480)	16:9 ratio 
WEB (320 x 240)	4:3 ratio 

3.2 Voice Recording:

1. Turn on the Digital Video Camera.
2. Adjust the MODE button to enter Voice Recording mode
3. Press the Recording button to start or stop Voice recording.

Voice Recording Mode



3.3 Shooting / Playback images

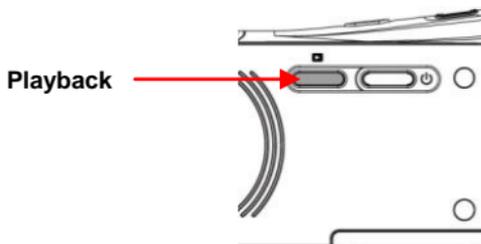
1. Turn on the power and adjust the Mode Button to DSC Mode.
2. Press Shutter Button to capture images.

DSC Mode indicator



3.4 Movie Clip / Voice Clip Playback

1. In Movie/Voice Recording Mode, press Playback Button to display recently stored file on the LCD screen.

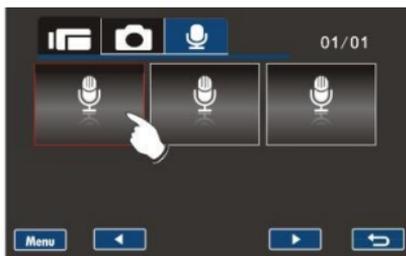


Playback Mode indicator



Playback Mode indicator

2. Press 4-Way Direction Button up/down, left/right to view the stored file. Press Menu () Button to playback or touch the screen to select Playback of the file.



3. To pause the Playback of file, press the Recording button or touch the screen icon ( / ).



4. Press the Playback Button to return to Movie/Voice Recording Mode.
5. You can also playback the movie clip by different speed by touching (ON/OFF) the screen icon ().



Playback speed is as below when the Slow Motion is “OFF” :
You can play back faster than the recorded speed.



Rewind	2X play	Forward
Rewind	4X play	Forward
Rewind	8X play	Forward
Rewind	16X play	Forward

Playback speed is as below when the Slow Motion is “ON” :
You can play back slower than the recorded speed.



Rewind	1/2X play	Forward
Rewind	1/4X play	Forward
Rewind	1/8X play	Forward
Rewind	1/16X play	Forward

3.5 Images Playback

1. In DSC Mode, press Playback Button to display the images on the LCD screen.



2. Press 4-Way Direction Button up/down, or left/right to view the stored files. Press Menu () Button to replay or touch the screen to playback.



