DV359英文说明书

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Preface

Thank you for purchasing this digital video recorder.

Please read this manual carefully and keep in a safe place for further reference.

Note: The product specifications and these operating instructions are printed based on latest available information and are subject to change without prior notice.

The specifications of the particular video recorder you have purchased will apply even if these vary from this printed data.

FCC DECLARATION

This device complies with part 15 of 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 to this unit 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 the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 an experienced radio TV technician for help.

Pertinent testing documentation is available for verification.

SD Memory card basic information

- Your video recorder must have SD/SDHC Memory Card inserted to store recorded Video, take Photos and Audio records.

SD Memory Card is not supplied and should be purchased separately.

SD/SDHC memory card with capacity up to 8 GB may be used in your recorder.

SD Memory Card

Contact pins / connectors

Write protection LOCK switch
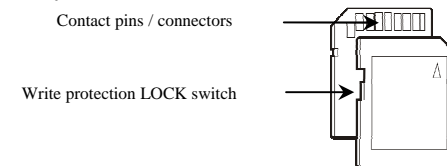
- Please note that the SD card has tiny LOCK slider on the side for write protection of the SD memory card that helps avoid inadvertent deletion of image files. Set this slider to "un-LOCK" position for storing still images or recording video.

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- Recorder will accept SD/SDHC Memory cards with max capacity up to 8 GB
- SD Memory card is simple and convenient but delicate electronic device; do not open, bend and overheat the card. Keep the card away from strong magnetic field and dirty / harsh environment.
- If your SD card has been used previously with other devices / cameras or is brand new – the card may require to be *formatted* – please ensure you save all valuable records before formatting.

Maintenance of the video recorder

Keep and store your recorder away from humid, dusty and harmful chemical environment.
Do not store or operate the recorder under extremely hot or cold conditions.
Keep recorder clean and take care to avoid scratching or damaging of the housing and the lens. Blow dust away and use soft cloth if the lens becomes dirty or contaminated.
Do not use an organic solvent to clean lens.
Remove batteries if you are not planning to use the recorder for an extended time.

IMPORTANT: The video recorder is not waterproof. Protect from moisture.

Computer System Requirements

You may use the computer to download images and video from your recorder, edit images, email or post records over the Internet.

Make sure that your computer complies with (below) minimum requirements:

| System Requirements	
Operating System	Windows XP,VISTA,7
CPU	Pentium IV 1 GHz or higher
Memory	512MB RAM or higher
Audio & Video Card	Direct X8 Audio & Video Card
CD-ROM Drive	Minimum 16x
Hard Drive space	1GB or more available memory space
USB port	USB 2.0 port

Features

The recorder incorporates the following features and functions:

- Digital Video Recorder (supports 1280×720 HD video recording)
- Digital Camera (14 Mega Pixels and other options for still pictures)
- Mass Storage (Portable Disc)

- 4x Digital Zoom

Accessories

The following accessories are packed together with the video recorder:
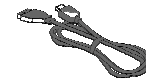
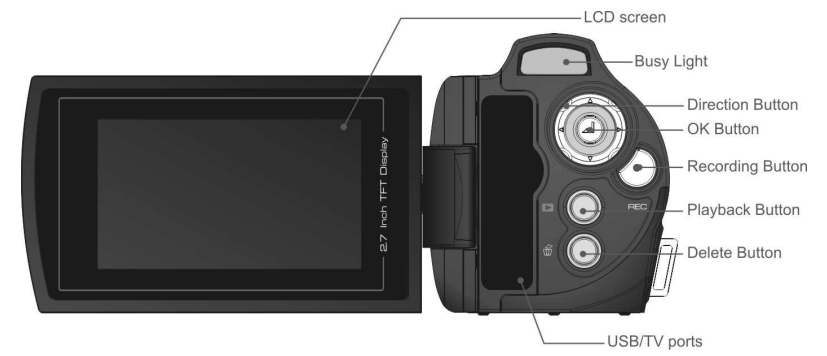| USB Cable | TV Cable | Installation CD | Instruction Manual |

| Quick Start Guide | Warranty Card |

LED Support Light

Self-timer indicator

Jazz HDV185

VIDEO RECORDER HD

4X DIGITAL ZOOM

14 MEGA PIXELS

Microphone   Lens

LCD screen

Busy Light

Direction Button

OK Button

Recording Button

Playback Button

Delete Button

USB/TV ports

2.7 Inch TFT Display

REC

Speaker

Power Button

Shutter Button   Zoom Button

Menu Button

MENU   POWER

SD MEMORY CARD
MMC COMPATIBLE

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Battery cover
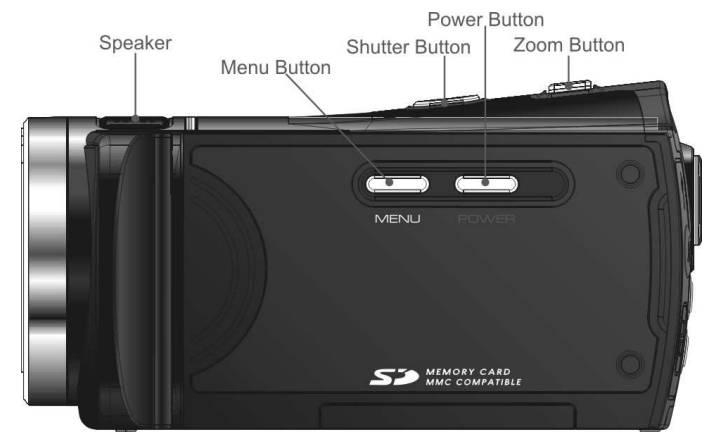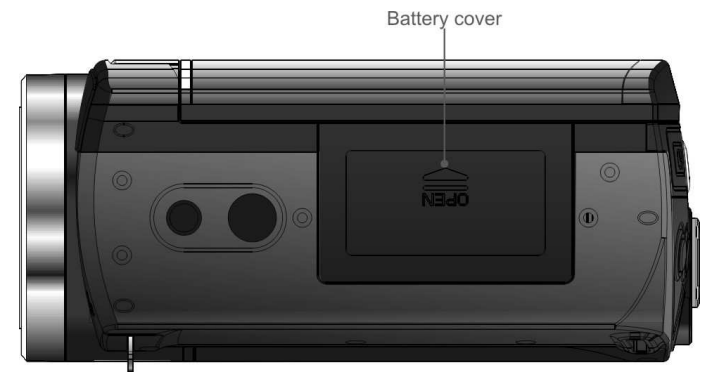
Buttons/Indicator	Function
Power Button	Press to turn the video recorder ON and OFF
Recording Button	Press to Start / Stop Video Recording
Shutter Button	Press to take Still photo
Zooming Button	Tilt Left or Right to "zoom" the scene as desired
MENU Button	Press to enter MENU setting and press again to exit
Playback Button	Press to enter the Playback mode. Press again returning to the recording mode.
UP Button	Browse UP and select MENU options
Down Button (Display Button)	Browse DOWN and select MENU options. Down button also functions as Display Button in the recording mode: - Press once to remove all information icons and numbers from the LCD screen; this will help you to improve framing and select the recorded scene. - Press it a second time and the screen becomes blank but camera is still active as indicated by the Busy Light. - Press again to return to LCD displaying typical screen with all icons.

Left Button	Select sub-MENU options. Also activates LED support light Scroll and select file of your records, video clips and still pictures when the Playback mode is selected.
Right Button	Press to select Self-timer. Select sub-MENU options. Scroll and select file of your records, video clips and still pictures when the Playback mode is selected.
LED Light (left button)	Press left button to turn ON the LED Support light. Press left button again to turn OFF.
OK Button	Press to confirm MENU/ option settings Start to START / STOP playing the video clip when the Playback mode is selected.
Delete Button	When the Playback mode is selected press to DELETE selected file of displayed Video clip or displayed Still Photo.
Busy light	The indicator lights when recorder is processing data
Self-Timer Indicator	Indicator blinks when the Self-Timer is active and counting down the process

BASIC OPERATION - GETTING STARTED

Note: Your recorder requires batteries and SD/SDHC Memory Card inserted to operate. These are not supplied and should be obtained separately. SD/SDHC memory card with capacity up to 8GB may be used in your camera.

1. Battery Installation

- The video recorder uses 4 alkaline batteries AAA size as power supply
- Open the LCD screen and slide / open Battery Cover
- Insert batteries into the batteries compartment correctly, following the polarity markings on the Battery Cover.

Before changing installed but exhausted batteries, first turn OFF the recorder.

2. SD/ SDHC Memory Card Installation

- With the Battery Cover opened, insert the SD/SDHC memory card into the Card Slot.
- Orient the card following the SD Card mark
- Close the Battery Cover

To remove / replace the SD/SDHC memory card press the card again; the card will pop up

and you may remove the card from the recorder.

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Notes：

● Turn OFF the video recorder before inserting / changing the memory card;

● Insert the memory card correctly. Do not use force; otherwise you may damage the card or the recorder. Check position of the card before inserting
● Please *format* memory card when it is used for the first time or if card has been previously used in other recorders/ devices.

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3. Turning Video Recorder ON and OFF

- Open the LCD Screen

- Press and hold down the POWER Button for 2 – 3 seconds to turn video recorder ON.

- LCD screen becomes active and the recorder is ON, ready to operate.

- Press the Power button again for 2 – 3 seconds to turn the recorder OFF when required.

- Please note to save battery power the recorder will turn OFF automatically when it is ON

and left idle for 1min

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Recording Video and taking Still Photos

When recorder is powered ON it is ready to take both **Video Records** and take **Still Photos**; see icons on the LCD Screen indicating both recording modes.

Video Recording

- Press the Recording Button to START recording a video clip, press it again to STOP recording.

Camera (Still Photo Taking)

- Press the Shutter Button to take one Still Photo at a time.
Keep video recorder steady when pressing the button.

PLAYBACK Mode

Set recorder to PLAYBACK Mode to see / review all your video recordings and Still Photos.

-Press the PLAYBACK Button to enter the PLAYBACK Mode.

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-Use Left / Right Buttons to browse all recorded Video clips and Still Photos. The icon on LCD screen identifies whether the selected file is the recorded Video or taken Still Photo.

<u>**Video Playback**</u>:
- Press the OK Button to START playing back recorded Video clip.
- You may press the UP Button to PAUSE / RESUME playing back the Video clip.
- Press the OK Button to STOP playing Video clip and return to the beginning of theVideo.

<u>**Displayed Still Photos**</u>: When the selected photo is displayed, you may enter the "Pan" mode to review details of Still Photo.

<u>**Pan Mode**</u> -Tilt Zoom Button to enlarge photo, then press OK Button to enter into Pan Mode. Use LEFT / RIGHT / UP / DOWN Buttons to move / select interesting part of Still Photo for detailed review. To exit from Pan and Zoom status, press OK Button again.

<u>ADVANCED FUNCTIONS</u>

MENU setup / Internal Setting

When the recorder is turned ON and active you may enter **MENU / Internal Setting**

options.
- Press the MENU Button to enter Video Recording/ Camera Menu or Playback Menu, depending on whether the recorder is in Video Recording/ Camera or Playback Mode.
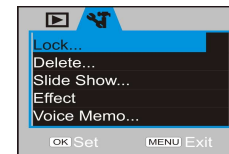
- If you want to enter Internal Setting Menu , press RIGHT button immediately.
- Use UP / DOWN buttons to select desired setting / MENU option – see corresponding highlighted MENU option.


▲Video Recording/ Camera Menu

▲Internal Setting Menu

▲Playback Menu

- Press RIGHT Button to enter highlighted option / setting and use UP / DOWN Buttons to select one from available setting options.
- Press OK Button to execute setting.

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Setting Date and Time

Press the MENU Button to open menu, and press RIGHT Button to enter Internal Setting

Menu [icon] . Press UP / DOWN Button to select "Date & Time" option, and press OK key

to enter settings window.
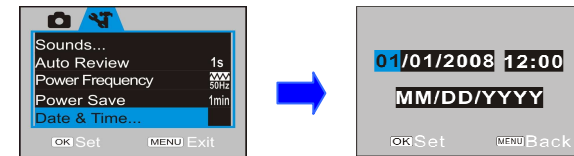
In settings window, press LEFT / RIGHT Button to select item (date, time) to be adjusted (the background of selected item is displayed in blue). Then press UP or DOWN Button to adjust and press OK Button to confirm after adjustment or press MENU Button to cancel settings and exit. Finally press MENU Button to exit from settings mode.

Computer Connection

Before connecting for first time to computer, please install the video recorder driver application contained in supplied CD. Then turn on the recorder.

Set the USB Mode in Setup Menu as MSDC (Portable Hard Disc). Connect to computer

using the USB cable. The device will then enter the Portable Hard Disk Mode.

Advanced Operation

Video Recording / Still picture taking

The camera is ready for both Video recording ![video icon] and Still Photo taking ![camera icon] when it is powered ON.

> ![video icon] Press the recording key to start shooting video and press again to stop recording.
> Zoom: Tilt the Button T/W to "zoom" the photographed scene or subject.
> ![camera icon] Press the shutter button to directly take photos.
> Self Timer: Press the RIGHT Button to select 10 second delay time, or select Self Timer OFF (disable). Press the Shutter Button and the recorder will take photo automatically in 10 seconds.
> LED Support Light: Press LEFT button (LED Light Button) to turn on/off the LED Support Light. (The LED light is not usable in playback mode).
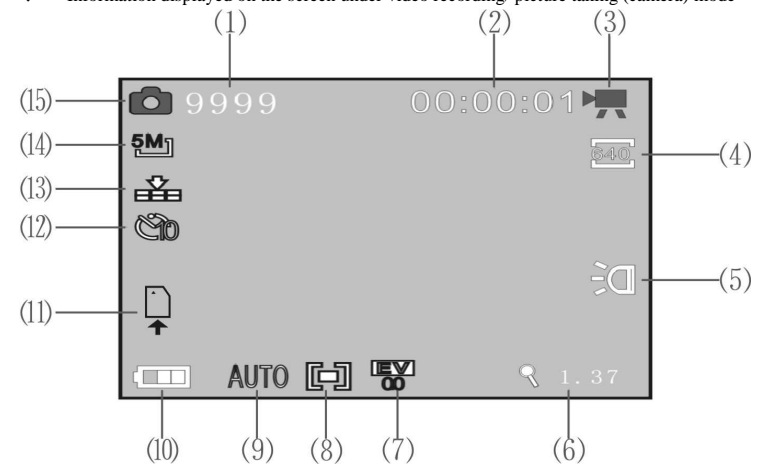
Press the DOWN button (DISPLAY Button) to select three screen display options: 1. no icons displayed; 2. blank (dark) screen; 3. normal display. Options are selectable only when the video recorder is ON in idle state.

Notes：

⚠ ● Hold video recorder steady while taking photos and ideally place on firm support such as a tripod to obtain the sharpest result.
● When pressing the Shutter Button, the Busy Indicator will light up. Take care not to move the recorder; wait until the busy light turns off to avoid blurred photos.

◆ Information displayed on the screen under video recording/ picture taking (camera) mode

(1) (2) (3)

(15) 📷 9999 00:00:01 🎥

(14) 5M

(13)

(12) ⏱10

(11)

(10) (9) AUTO (8) [┐┌] (7) EV 00 (6) 🔍 1.37

(4) 640

(5) 💡

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	Icon	Icon name	Description
1	9999	Number of photos available	Indicates remaining number of photos
2	00：00：01	Recording time	Idle time is the remaining recording time; record time is the elapsed time of recorded video
3		Recording mode	Indicates Video Recording mode is activated, press Record button to record Videos.
4		Video format	Indicates resolution of current video
5		Fill light	Indicates LED support light is activated
6	Q1.42	Zoom indication	Indicates current digital zoom magnification
7	EV0.0	Exposure	Indicates current selected exposure value
8		Metering (Photometry) mode	Indicates current Metering (Photometry) mode

9	AUTO	White balance	Indicates the current white balance setting
10		Power status	Indicates current battery status. When red is displayed, battery is depleted and video recorder will automatically shut down
11		SD card	Indicates memory card inserted and indicates the SD card used has write protection
12		Count down of self-timer	Indicates self-timer count down time
13		Image quality	Indicates current selected image quality
14		Image Size	Indicates current Resolution size of photo
15		Picture taking mode	Indicates picture taking mode is activated, picture taking can be carried out by pressing shutter button

◆ **MENU Setup / Video Recording** **/ Camera (Still Photos)**

Press the MENU Button to enter available settings; use UP/ DOWN Buttons to select menu options and press RIGHT Button to enter the submenu options. Press DOWN / UP Buttons to select and the OK Button to confirm setting. Press the MENU Button to exit setting. While selecting MENU options, the background of the screen will turn blue.

Main Menu	Submenu	Description
Resolution (Still Photo)	4320×3240	14 Mega Pixels Resolution
	4000x3000	12 Mega Pixels Resolution
	3264x2448	8 Mega Pixels Resolution
	2592×1944	5 Mega Pixels Resolution
	2048×1536	3 Mega Pixels Resolution
	1280×1024	1.3m Mega Pixels Resolution
Movie Size (Video Resolution)	1280 x 720	High Definition (HD) Format
	640 x 480	Mid (VGA) Resolution Format
	320 x 240	Low (QVGA) Resolution Format
Frame Rate	High	30 fps
	Low	15 fps
Quality	Super Fine	Premium Photo Quality
	Fine	Good Photo Quality
	Normal	Standard Photo Quality

Metering	Center spot metering	The metering subjects to central area.
	Multi spot metering	The metering subjects to multi spots.
	Spot metering	The metering subjects to one spot.
White Balance	Auto	Suitable for most typical situations
	Daylight (Sunlight)	Suitable for sunny conditions
	Cloudy	Suitable for cloudy conditions
	Fluorescent	Suitable under fluorescent light source
	Tungsten (Filament lamp)	Suitable under tungsten lamp light
Exposure	EV -2.0 to +2.0 (interval: 0.3EV)	Use the Left & Right Buttons to adjust exposure compensation.
Driver Mode	Off	Single Shooting Mode is activated
	2 s	2 second Self-Timer Mode is activated
	10 s	10 second Self-Timer Mode is activated
	Burst	Three pictures are taken continuously.
Special Effect	Normal	Photo image is normal
	B & W	Photo image is black & white
	Retro (Sepia)	Photo image has nostalgic sepia tone

	Negative	Photo image appears as negative film
	Red	Photo image has slight reddish color
	Green	Photo image has slight greenish color
	Blue	Photo image has slight bluish color

Notes:
1. Use the LEFT / RIGHT Buttons to adjust the Exposure Compensation Value when setting the Exposure / EV value. The screen will change in brightness accordingly.
Press the OK Button to confirm and then press the MENU Button to exit setting.
2. When 'HD' video resolution is selected, 'Frame Rate' option is disabled.

- **Internal setting**

Main Menu	Submenu	Description
Sounds	Shutter	Turn the shutter tripping sound on/off
	Start-up	Set the main power on sound at the following options: No sound/1/2/3
	Beep	Turn the button activation sound on/off
	Volume	Set the volume of the built-in speaker at different levels: 0/1/2/3
Auto Review	Off	No Playback after shooting
	1 sec	Playback photo 1 sec after shooting

	3 sec	Playback photo 3 sec after shooting
Power Frequency	50 Hz	Selects 50Hz electric light frequency
	60 Hz	Selects 60Hz electric light frequency
Power Save	1 minute	Turns off automatically in 1 minute.
	3 minutes	Turns off automatically in 3 minutes.
	5 minutes	Turns off automatically in 5 minutes.
Date & Time	Date and Time are displayed	Set the Date (choice of Date format) and Time of the recorder
Language	English	Set menu language to English.
	French	Set menu language to French.
	Spanish	Set menu language to Spanish.
	Italian	Set menu language to Italian.
	Portuguese	Set menu language to Portuguese.
	Dutch	Set menu language to Dutch.
TV Out	NTSC	NTSC TV System is selected
	PAL	PAL TV System is selected
USB	MSDC	Used as Removable Disk
	PC CAM	Used as Webcam

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	PictBridge	Print selected photo, when printer that supports PictBridge Standard (printer with [icon] icon) is connected
Format	Yes/No	Formats the memory card.
Reset All	Yes/No	Factory Setting Recovery (Default settings)

PLAYBACK Mode

Press the PLAYBACK button to enter the PLAYBACK Mode.
- Press the LEFT / RIGHT Buttons to browse or select through saved records.
- When the Video file is selected press OK Button to START playing Video; the time will appear in upper right corner on the Screen.
- You can "pause" the playback by pressing the UP Button or STOP playing video by pressing OK Button.

When a still photo is selected you may tilt Zoom Button to enlarge image. By pressing OK Button, the video recorder enters into Pan Mode. You can use Directional Buttons to pan and move the photo. To exit from Pan and Zoom status, press OK Button again.

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Note: Your recorder has Quick Browse review feature that will give you instant review of "thumbnail" format.

- In PLAYBACK Mode, tilt Zoom Button towards W (wide) position, selecting the "thumbnail" limited resolution format.
- Press UP, DOWN, LEFT or RIGHT Button to browse through images, then press OK Button to enlarge selected image for an instant review.
- Quickly tilt Zoom Button towards T position to view enlarged image in finer detail or continue browsing using LEFT / RIGHT Buttons.
- Tilt Zoom Button towards W position to return to normal size. Tilt the same Button again towards W position to return to "thumbnail" format.

◆The following icons / indicators are visible on the screen during playback of Video:

	Icon	Name of Icon	Description
1	▶	Playback Mode	Indicates Playback Mode is activated.
2	9/40	File Number	Indicates the location of current file and the total number of files (timer appears while playing back video clips)
3	OK PLAY	Button prompt	Prompt to press OK Button to playback video file.
	◀ ▶ SELECT		Select previous or next photo/ video file with the Left / Right Button

4		Video icon	It indicates the currently selected file is video file.
5		File protection	It indicates the current file is protected.

◆The following icons / indicators are visible on the screen during playback of Still Photos:

    -    **MENU Setup / PLAYBACK Mode**

When you see the enlarged photo or initial frame image of the Video, you may enter the PLAYBACK MENU options, see below:

Main Menu	Submenu	Description
Lock	Lock/Unlock One	Lock/unlock current file

	Lock All	Lock all files
	Unlock All	Unlock all files
Delete	One	Delete one file
	All	Delete all the files
Slide Show	Start	Starts playing slides
	Interval	1sec ~10sec selectable
	Repeat	Yes/No
Effect	B & W	Photo image is black & white
	Sepia	Photo image has nostalgic sepia tone
	Negative	Photo image appears as negative film
	Red	Photo image has slight reddish color
	Green	Photo image has slight greenish color
	Blue	Photo image has slight bluish color
	Binarize	Photo image has binary data arrays
	Sunset	Photo Image has sunset glow
	Warm	Photo has warm color for best skin tones
	Cold	Photo has cold color for cool image effect
	Contrast	Photo Image has over-exposure effect
Voice Memo	Add	Add voice memo on photo
	Delete	Delete voice memo on photo

Playback Mode/ Internal Setting

Settings are the same as for Video Recording/ Still Photo (Camera) Mode.

Note:
1. When video file is displayed on the screen in playback mode, only the Lock and Delete options in the menu can be selected.
2. If photo at 14 mega pixel resolution is displayed on the screen in playback mode, only the Lock, Delete, Slide show and Voice Memo options in the menu can be selected.

Computer Connection for Video / Photo Download

Your recorder will function as "Removable Disc" when it is connected to the computer.
The Removable Disc icon appears in My Computer; all your records are stored inside the DCIM\100MEDIA folder.

Downloading Video / Photo File
When the video recorder is active and connected to the computer, you will see recorded Video and Still Photos inside My Computer / DCIM / 100MEDIA folder.
You can "Save" selected file (or "drag" the file) into your computer, and store it on Desktop, My Documents or in any other folder or location.
Then you can PLAYBACK Video and display photos from the computer memory storage.

- **Playing back HD Video Records**

Since High Definition Video files are very complex, the transferring or playing back HD Video records using the USB or TV cable may not guarantee the best performance due to slow transfer rate.

- We suggest you remove the SD Card with recorded HD Video from the video recorder and insert card directly into the SD Card port of your computer or TV. Then the HD Video may be easily downloaded into the computer (as described above) or played back on HDTV.

- **Playing back Video Records on TV**

Use supplied TV Cable and connect AV connector on video recorder to the AV input on your TV.

Turn the recorder ON, and set TV to AV INPUT Mode.

Press the PLAYBACK Button on the recorder and select Video or Photo file. Use recorder buttons to play.

⚠ Note: Do not disconnect the USB cable nor remove the SD Card during download process to avoid data loss.


Webcam Function

Note: To use recorder as a Webcam you must first install the Driver.

Please install Driver bundled on supplied CD BEFORE connecting video recorder (for the first time only) to computer; see instruction below.

Driver Installation

Insert supplied CD into CD-ROM, and the installation guide program will run automatically.

There are four keys on the guide window:

Install Driver

Install MediaImpression

Browse CD

Exit
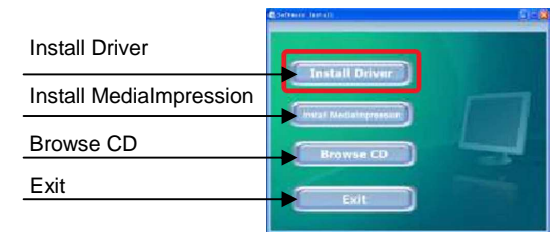
Click the **Install Driver** button and follow steps to finish installation.

Restart computer when installation completed.

The installed Driver will be indicated as the "**SPCA1528 PC Driver**" with an

 Amcap icon inside computer's Start → All Programs list.

Now you can activate PC web-cam mode and connect video recorder to the computer using USB cable.

Operating Webcam
Click the shortcut icon Amcap to open AMCAP window.
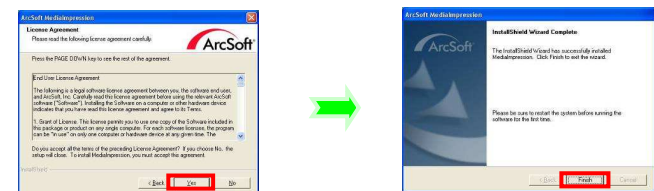The AMCAP computer window will display the scene visible through the recorder lens.

MediaImpression Installation

You may install MediaImpression software into your computer from installation CD.
Software installation
Click "Install MediaImpression" button and complete the installation as per the following steps

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Please restart the computer when prompted to complete the installation, computer will install MediaImpression shortcut / icon on the Desktop.

Using MediaImpression
This program will allow you to import / store all, or selected records from your video recorder (when connected) to your computer.

The MediaImpression program will also provide "one button" access to the YouTube website: - post your video and share with millions users of Internet viewers!
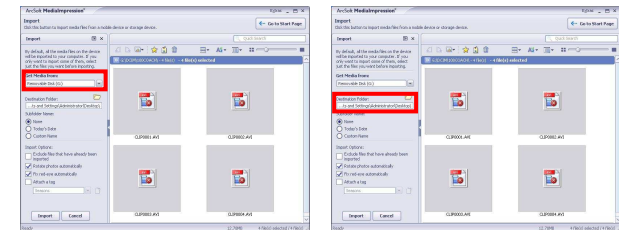
Double click the icon on the desktop or follow "Start →
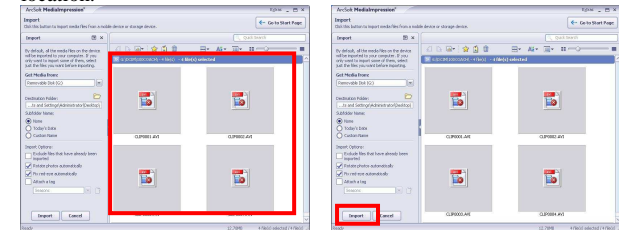
Programs" to open MediaImpression

After starting MediaImpression, click "Import" to import the media.
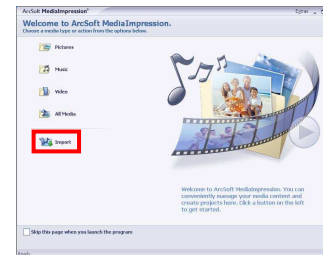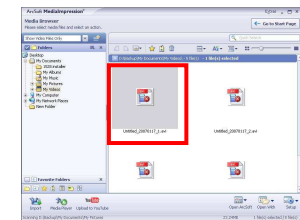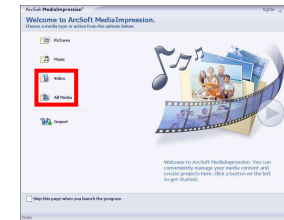

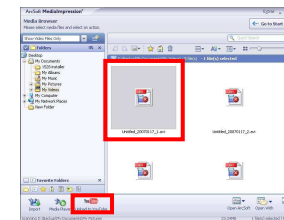Choose the video recorder storage and choose the output location.

Choose required file and click "Import" - selected file will be stored in the indicated output location.
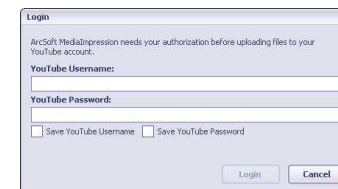
Click "Go to Start Page" to return the main screen; click the "Video" or "All Media" to get the "YouTube" access.

Choose file and click "Upload to YouTube"

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Enter your username and password to login to YouTube, execute upload / post selected Video.

Note that when software installation has been completed, please reboot the computer for the first time operation.

5. Specifications

Video Resolution	HD 1280×720 pixels VGA 640×480 pixels QVGA 320×240 pixels
Photo Resolution	14 MP (4320 x 3240), 12MP (4000 x 3000), 8MP (3264 x 2448), 5MP (2592 × 1944), 3MP (2048 × 1536), 1.3MP (1280 × 1024)
Memory	SD Card slot: SD Memory Card is required for storing records (card is not supplied) Accepts SD/SDHC cards with capacity up to 8GB
File Formats	JPEG, AVI
Self-Timer	2s / 10s self-timer options
Digital Zoom	4 X digital zooming
White Balance	Auto/Daylight/Cloudy/Fluorescent Light/Tungsten Lamp
Exposure Compensation	-2.0 to +2.0 Exposure Value range
USB Port	USB 2.0
TV Output	NTSC / PAL selectable
LCD Screen	2.7 inch TFT LCD
Power Source	4 x AAA Alkaline Batteries (not supplied)

Menu Language	English, French, Spanish, Italian, Portuguese, Dutch
Lens	Optical lens
Auto-off options	1 minute / 3 minutes / 5 minutes
Operating System Compatibility	Windows XP, VISTA, 7
Weight	7ozs (195grams) - excluding Batteries and SD Card
Dimensions	4.8 x 2.5 x 2.1 inches (122 × 63 × 54 mm)

Note: The product specifications are printed based on latest available information and are subject to change without prior notice.

The specifications of your purchased recorder may be slightly different from above data.

TROUBLESHOOTING

Condition	Cause/ Remedy
The video recorder can not be turned ON	Insufficient power, please install new batteries.
	Batteries installed incorrectly. Reinstall batteries, note correct polarity alignment.
Can not take a picture or make any records	The SD Card is not inserted. Insert the SD card for photo taking / video recording.
	Write protection switch on the SD card is set to LOCK (locked) position. Remove the SD Card and set the switch to non-LOCK position and re-insert the card..
Unclear or blurred photos	Keep recorder steady while making video recordings or taking photos. Use a tripod or support while recording.
Dark photo or videos	Insufficient light during video or picture taking. Use exposure control or add an additional light to improve light condition.
Automatic shutdown	Insufficient power remaining- please replace the batteries.
	To save power, the video recorder automatically shuts down after one minute, three or five minutes of inactivity.
Video or Photo file can not be deleted	Write protection switch on the SD card is set to LOCK position. Remove SD card and set the switch to non-LOCK position and re-insert the card.

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Warning: Changes or modifications to this unit 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 the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 an experienced radio/TV technician for help**.**

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.