

HDDV Digital Camcorder

User manual



Please carefully read the User manual before using this product.
Please correctly use this product based on full understanding of
The User manual.

No further notice will be informed if technical specifications or
appearance of this product changed.



* Brief Introduction

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* Accessories Contained

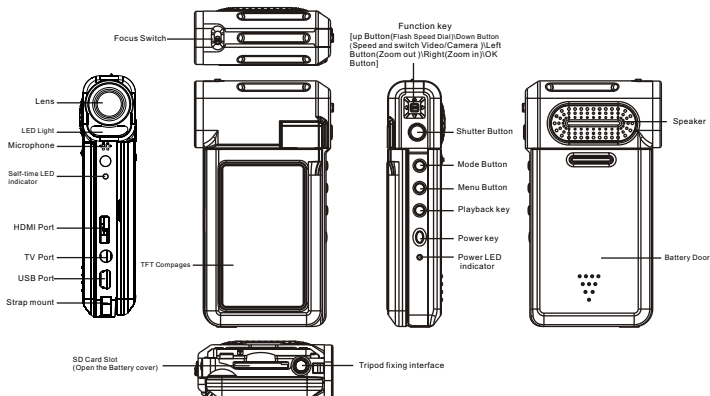


Notice: Please kindly check the accessories according to the above diagram so as to avoid any unnecessary loss.

* Optional Accessories



* Features



★ Operating Instruction

◆ Inserting and Taking out Battery

- 1) Open battery door according to the indicated arrow.
- 2) Insert battery according to the "+ -" marks printed on camera;
- 3) Please refer to the following diagrams for battery status information.



- 4) To take out battery, slide the battery open.

● Charging the Battery

Connect one end of the USB cable to the charger then connect the other end of the USB cable to the HDDV. For ready to charge battery The LED light red when charging is started and the LED will turn off when charging is completed.

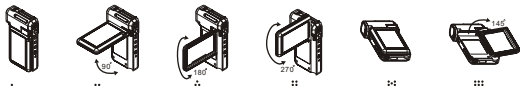
◆ Inserting & Taking out Storage Card (SD SPEED/MMC Card)

- 1) Open the Battery. Carefully insert the storage card into the card slot according shown below until the card is tightly rooted in the slot.
- 2) To remove the card, push the card in, and then release it. When the card is partially rejected then pull it out.

- ★ Note:
- Before using SD card, please check whether it is locked;
 - Please make sure SD card is oriented in the right direction. Inserting SD card in the wrong direction might cause damage to the HDDV and the SD card;
 - After the SD card has been inserted into the card slot, HDDV will automatically Take this SD card as default storage card and all the data stored before the insert cannot be read until it is taken out.
 - If the storage card is not compatible with the HDDV, the card might not be read. In this case, take out the card and insert it again or just change it with another SD card.

◆ Turning on/off the HDDV Camera and Setting Auto off

- 1). Open the TFT Compages will turn on the HDDV, To turn off the HDDV, close the TFT Compages or hold down the power key for one second.
- 2). Rotate the TFT as below:



- 3) In order to save battery power, auto off can be set in the "setting menu" display. If no operation is conducted during the set time period, the HDDV will turn off automatically.

- Turn on the HDDV, press "MODE" to go to mode display, then go into " " and select "AUTO OFF", press the right button, and then the down button, the Auto off period will be changed.

◆ Setting Date and Time

Turn on the power, press "MODE" to go to mode display, select " " to go to menu setup and then select "CLOCK", press right button and then down Button, in this way, date/time can be set. Press OK after choosing correct numbers.

★ Operating Instruction

◆ Video Mode

- 1.HDDV automatically goes to video mode after it is turned on. At this Time, “HD” appears the upper left corner of the screen.



- 2.Press “REC” to start recording. To stop recording, press and release “REC” again. During recording, timer and “HD” shown on the screen turn to blinking red Circle “●” to time the recording. As soon as the recording stops, the blinking red circle “●” turns back to the “HD”

- 3.Selection of the LED Light

Pressing Speed Flash Switch button (Up button) at the HDDV can start or stop using Auto Flash “ ” (which can automatically compensate light according to lighting condition) or Fill “ ” (every time you take a picture, flash is used regardless of lighting conditions).

Remark:LED light function will automatic turn off when the battery at critical percentage.

◆ Camera Mode

- 1.Turning on HDDV

Press “POWER” to turn on the HDDV and it goes into video mode automatically. Press “MODE” to go to mode display.and then go to “ ” the left corner of The screen which shows “ 8M”and the bottom shows the maximum photo capacity



- 2.Alignment the HDDV to the subject which to be taken, using left and right buttons to adjust focus.

- 3.Press “REC” to shoot a picture

While pressing “REC”, camera makes a sound, and the sound signifies that the shooting is finished.

◆ Infinity and Macro function

Under Infinity mode to shoot subjects 1.5m or more.

Under Macro mode to shoot close-ups of small items, the effective is 0.5m.



Notice: At video or camera mode, Flash(LED) light, speedily Switching from video to camera button are still can work at the same time.

★ Operating Instruction

◆ Review Mode

● Review

- 1) Turn on the HDDV to go to Video mode. Press "MODE" and use direction buttons to highlight.
- 2) Press "OK" to enter into single-picture review mode. Press left or right button to review pictures or videos taken.
- 3) Press down button to go to index review mode. user can press up, Down, left and right keys to review taken picture or video.

- If the displayed picture is tagged with "⏮" , then it is a video. Pressing OK will play the video. Pressing OK again it will come to pause. While playing video , you can use left or right button to forward or backward Playing to exist playing mode. You have to press OK to pause the playing video first, and then press left button or right button to go to the next file.

● Truncation chart function

When you see the "current picture" while reviewing video, then press "ok" to pause the video and press "REC" , until the sounds coming out, This "current picture" will recorded to be a photo in your storage, Then press "OK " for continue review video.

● Delete

While reviewing (reviewing pictures/video), press "MENU", delete menu will appear on the screen, press "OK" to go to deleting display. Press the right button and then up or down button to choose deleting " YES " the press "OK".



◆ Setting Mode

- 1) Regardless of taking pictures, recording or reviewing, pressing "MENU" will enable user to go to menu setting display.
- 2) At any menu mode, pressing right button will enable user to go to menu setting options and then use Up or Down buttons to choose desired setting.

✳ For detailed setting information please refer to Setting Table (Page 8)

★ Key Functions

◆ Video/Camera Mode

Power Button	Turning on or off HDDV
Shutter Button	Take Videos/Pause take videos/Take picture
Direction Button (Up)	Switching LED light: Auto/Fill/Off
Direction Button (Down)	Speedy switch between video mode and camera mode
Direction Button (Left)	1/2/3/4 Digital zoom
Direction Button (Right)	4/3/2/1 Digital zoom
Menu Button	Menu Selection
Mode Button	Mode Selection
Playback Button	Speedy to play back the last taken file

◆ Review Mode

● Reviewing pictures/videos

Power Button	Turning off video camera
Shutter Button	Going to video mode
Direction Button (Down)	Index pictures
Direction Button (Left)	Last picture/video
Direction Button (Right)	Next picture/video
OK Button	Playing video
Menu Button	Menu Selection
Mode Button	Mode Selection
Playback Button	Speedy to play back the last taken file

● Preview (Index pictures)

Power Button	Turning off video camera
Direction Button (Up)	Last line/Last page
Direction Button (Down)	Next line/Next page
Direction Button (Left)	Last picture/video
Direction Button (Right)	Next picture/video
OK Button	Going into single file play mode
Menu Button	Menu selection
Mode Button	Mode selection
Playback Button	Speedy to play back the last taken file

★ Functions of Keys


















● **Reviewing (Video/Audio)**

Power Button	Turning off video camera
Direction Button (Up)	Volume+(0-8)
Direction Button (Down)	Volume - (8-0)
Direction Button (Left)	Backward 2,4,8times
Direction Button (Right)	Forward 2,4,8times
OK Button	Play/Pause(Regardless of backward or forward)
Menu Button	Going to review menu
Mode Button	Stop playing and go into mode selection
Playback Button	Speedy to play back the last taken file

● **Reviewing (Pictures)**





Power Button	Turning off video camera
Direction Button (Down)	Zoom out (index pictures)
Direction Button (Left)	Last picture
Direction Button (Right)	Next picture
OK Button	Going into Single picture play mode
Menu Button	Going to review menu
Mode Button	Stop playing and go into mode selection
Playback Button	Speedy to play back the last taken file

★ While using this product, you will find a lot of symbols and icons. In order to you can better use this product, please refer to the following table.

 Taking videos	 Auto Flash	 Cloudy
 Taking pictures	 Fill Flash	 Tungsten
 Play	 Flash off	 Fluorescent
 System Setting	 Picture size is 5M	 High Definition
 Storage card	 Picture size is 8M	 WVGA
 Battery percentage	 Sunny	

★ Option Functions

◆ Mode & Menu Setting

Mode	Menu	Setting	Note
 Taking Videos	Size	HD/WVGA	
	White B	Auto/Sunny/Cloudy/Tungsten/Fluorescent	
	Effect	Off/Art/sepia	
	Duration	No/3min/5min/10min	
 Taking pictures	Size	8M/5M	
	Quality	Fine/good/norml	
	White B	Auto/Sunny/Cloudy/ TUNGSTEN/Fluorescent	
	Contrast	Standard/Hard/Soft	
	Sharpness	Standard/Hard/Soft	
	Effect	Off/Art/sepia/Negative/Monochrome/Vivid	
	Selftimer	No/Yes	
 Review	Delete	No/Yes	
	Slide Show	No/1Second/3Second/5Second	
 System setting	TV Out	PAL/NTSC	
	Language	English/ Chinese	
	Clock	Year Month Date Hour Minute (0000:00:00 00:00)	
	Format	Cancel/Yes	
	Sys.reset	No/Yes	
	Volume	0/1/2/3.....8	
	Auto off	Off/1minute/3minute/5minute	
	Light freq	50HZ/Auto/60HZ	
	Version	V.0000 00 0000	

★ Specifications

Sensor	5M CMOS sensor Resolution: 2592x1944
Lens	4 Elements fix focus lens
Zoom	4X Digital Zoom
L Display	2.5" TFT LCD
Video Output	HDMI:CTS1.3 Compliant,Support 720P/1080P output mode, Composite:NTSC/PAL
Picture	Picture Format: JPEG 3264 X 2448;2592 X 1944
Video	Format: MPEG-4 HD 1280 X 720P (30 Fps 6 Mbps) (A) 1920 X 1080P (30 Fps 12 Mbps)(B) WGVA:848 X 480P (60 Fps 5 Mbps)
Audio	Mic and Speaker(Mono)Equipped
Storage	Internal: 32M External : SD/MMC card(up to 32G SD card) (SD card storage should be no more than 32G)
Shutter Button	Electronic shutter
Shutter Speed	1/2 -1/1000 second
White Balance	Auto/Sunny/Cloudy/Tungsten/Fluorescent
Flash Light	Electronic Auto Flash Light (LED),Optional flash on for illumination
Port	USB 2.0/HDMI/TV
Battery	3.7V 900mAh lithium-ion rechargeable
Size/Weight	Length97.4× Width54.9× Height22.7 111g
Working Humidity/ Temperature	0°C ~ 40°C / 10% ~ 80%

◆ Video Storage Capacity (for reference)

Storage Card(G)	A 1280 X 720P(HD)	B 1920 X 1080P(HD)	848 X 480P(WGVA)	2592 X 1944(5M)	3264 X 2448(8M)
8G	160 min	80 min	200 min	4720 pcs	3193 pcs
4G	80 min	40 min	100 min	2360 pcs	1565 pcs
2G	40 min	20 min	50 min	1180 pcs	753 pcs
1G	20 min	10 min	25 min	590 pcs	390 pcs

* File size and storage capacity might differ from one camera to camera due to the Differences existing in shooting subjects, brand of storage card and other settings.

*A, B refers to two different type of video camera.

★ Transferring Data to Computer

◆ USB Storage Mode

Open "My computer" located on desktop from your computer, two removable disks can be found (one is internal storage, the other is external storage card); find the stored videos and pictures under "Removable hard disk/DCIM/100MEDIA". If SD card has not been inserted into video camera yet, removable disk is internal camera storage; if SD card has been inserted into video camera, the removable disk is SD card. Under storage card mode, data can be saved or transferred through Windows system and files in video camera can be cut, copied and deleted through Windows system.



◆ Connecting HDDV to TV

- 1) Connecting HDDV to HDTV with an HDMI cable to take and review pictures and videos.
- 2) Connecting HDDV to television with the TV cable to take and review pictures and videos.

 Tip: no drive is needed to be installed. U disc can only be used when the video camera is on.

★ Troubleshooting

◆ Cannot take pictures, videos and record voice?

Change resolution, image quality, frame frequency; change for a storage card with enough space; check whether the storage card is locked or not; delete part of files stored in the card.

◆ Pictures or videos cannot be deleted?

Pictures and videos cannot be deleted if they are under protection mode.

◆ Images cannot be transferred to HDTV screen?

Please make sure that HDMI cable is completely plugged into TV'S HDMI port. Please use the HDMI cable comes along with the HDDV.

◆ Pictures and videos taken are not clear?

Please check whether lens is covered with any dirty. If so, clean the lens before using it. Or check whether the focus zone is correct.

◆ The flash LED can not light on?

Under video or camera mode, if the battery is low, the flash LED can not work.



Security Caution

- Do not try to modify or disassemble this HDDV video camera in any way in Case of any damage or electronic shock.
- Remove battery when the product is stored for an extended period of time So as to avoid electricity power loss or damage to camera.
- Please do not place or store this product at any place of high temperature to avoid damage to HDDV camcorder.
- For safety reason, please keep the HDDV and the accessories out of the reach of children and animals.
- In the unlikely event that any liquid or unknow material unexpectedly falls into HDDV , please stop using the HDDV, turn it off, cut power supply and ask the local sales agent for help.
- Please do not open flash light if the distance between camera and person or animal to be taken is less than 1 m. Strong light of flash might damage the person or animal's eyesight if it is too close to them.
- After operating for a period of time, temperature of HDDV video camera will go up and this is normal.
- During operation, please do not touch the lens.

Tips for operating

HDDV video camera is similar to computer. If HDDV video camera is not working, please operate as follows:

1. Take out battery
2. Re-insert the battery.
3. Restart the video camera.