

Digital Video Camera

User's Manual

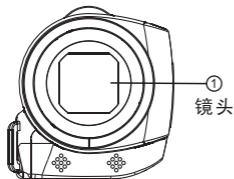
Please read this manual carefully before using the product,
and keep this manual for future reference.

Operation Quick Guide

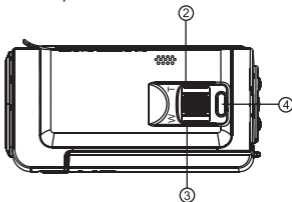
About the camera

Refer to the following illustrations to familiarize yourself with the buttons and controls of this video camera.

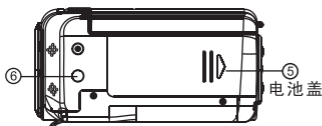
1. Front View



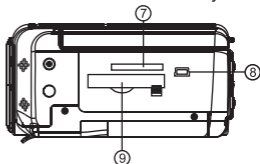
2. Top View



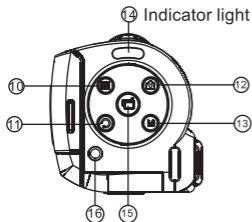
3. Bottom View



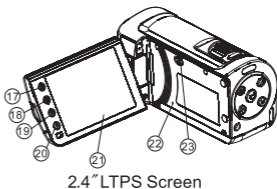
4. Bottom View (without battery cover)



5. Back View



6. Scroll off View



Button description

Button	Name	Function
②	T	Zooming Control, press for Digital Zooming.
③	W	Zooming Control, press for Digital Zooming.
④	Ok	Ok
⑥	Tripod mount	Tripod mount
⑦	SD Card Socket	SD Card Socket
⑧	USB connection	USB connection
⑨	Battery Compartment	Battery Compartment
⑩	PlayShortcutKey	Press to enter the pictures or video player
⑪	Turn-screen button	Press to turn screen
⑫	Photo ShortcutKey	Press to take picture
⑬	MENU	MENU
⑮	Video ShortcutKey	Press to take video
⑯	AV connection	AV connection
⑰	Left	Left
⑱	Up	Up
⑲	Down	Down
⑳	Right	Right
㉒	Reset	Press the to reset the device
㉓	Power	Press and hold on turn power on/off

Before

Thank you for using our company's Digital Video Camera, please read this manual carefully before using the product, and keep this manual for future reference.

Standard Accessories :



User's manual



Extension line



AV attachment



Charger



Pouch



Lens cloth



Simple manual

Attentions:

1. Do not in high temperature, cold, wet or dusty conditions using the equipment.
2. Avoid sun exposure in the equipment for a long time, it may cause damage to the equipment.
3. Avoid the equipment with magnetic bump, so will damage of equipment.
4. After closed the equipment, checkout the host SD card, please.
5. When the battery is empty or system is auto closed, the equipment need to replace the battery!.
6. In order to prevent electrostatic interference, please don't particularly dry environment in this equipment use.
7. Upload or download files, please don't pull off the power cable or halfway, it may cause damage to the equipment.
8. The use of mobile disk files, please note that will save file backup, if do machine caused by fault lost documents, we will not undertake any therefore any loss!
9. Please keep the camera clean.
10. If the device hung up when plug in or out extension line, please press RESET key Or plug out battery for reset the device.
11. If you use the SD card when shooting is not normal, please format the SD card before using the machine to use, pre-formatted SD card Please note that the original copies of the documents required.

Content

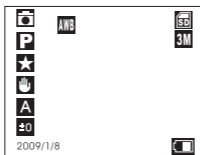
I. Main function.....	3
II. Photo	4
III. Quick Buttons	6
IV. Photo Playback Mode	7
V. Video Recording.....	8
VI. Video Playback.....	9
VII. Camera Head Function.....	10
VIII. Troubleshooting for simple problems.....	10
IX. Technological Specifications.....	12











I. Main function





Because of different models, some functions may not, please click on the practical function.




1. UP button: last function
2. Down button: next functions
3. Left key: Left function
4. Right key: Right function
5. T amplification key photo and video: when zoom
6. W narrow key: photo and video camera when put away
7. M: To switch the mode function or determine the function
8. OK: determine the function
9. photograph shortcuts: click this button directly into a state of pictures
10. Recording video shortcuts: click this button directly into a state of recording video
11. broadcast shortcuts: according to the picture or screen decrease directly into play
12. Turn key: turn screen to convert shown FIG
13. POWER supply open key
14. Fill light: in pictures/shooting model by clicking on the "right" or "Last" button, open/close fill light.
15. camer
16. wrist
17. detachable battery and SD CARD
18. USB port: the connection for computer and charge battery
19. headphones mouth: audio and, AV/OUT output


II. Photo





photograph mode click " photograph shortcuts " key shortcuts photograph, In the current mode click M.key, it will turn up the: "the scene choice  " Total 9 modes: Automatic , One night , At night , Like , Scenery , Sports , The party , Beach , High sensitivity . According to the key choose corresponding modes in the M sure photos will follow the corresponding and change.


1. Click M photographed mode "scenario selection  " click "right" button to switch to "MP    " resolution four choices: was 5M 2592X1944, 3M 2048X1536, choose corresponding resolution on the screen have corresponding clew,photo size will also with change.

2. Click M photographed mode "scenario selection" click "right" switch to prevent jitter  " mode has two options "oper  " or "of  " choose corresponding prevention jitter mode screen have corresponding tip in choosing "open" anti jitter icon for green, choose that "off" when that prevent jitter orange icon.

3. photos mode click M "scenario selection" click "right" switch to "Settings  " altogether 12 Settings, according to the key choice: exposure, F-stop, The white balance, Sharp, Image quality, Set the date, Automatic shutdown, Language, Frequency, Formatting, TV is OUT.

Exposure : click the "M" button to enter exposure mode, there are six options: +2, +1, 0, 1 -- 2, -3, When the screen will choose a +2 than the current screen, select some light at 2 - screen will darken. Select the corresponding mode screen will change according to the pattern choice.

Mode ISO : click the "M" button to enter f-stop mode, four options: automatic, 100, 200, Four, The default for automatic, choose corresponding modes will be a corresponding change.

The white balance  click the "M" button to enter the white balance option: there are five, automatic, During the day, Cloudy, Tengsten lamp, Fluorescent lamp, The default for automatic, choose corresponding modes will be a corresponding change.







Acuteness degree : click the "M" enter acuteness degree, there are three options: standard, Sharp, Downy, default for standard, choose corresponding modes will be a corresponding change.


Image quality : click the "M" button to enter image quality, there are three options: ultra clear. Clear. Standard, the default for clarity, choose corresponding modes will be a corresponding change.


Set the date : click the "M" button to enter, "open/close" and "set the date" three choices, Choose "Settings", click the date "M" button to enter according to "up/down/left/right" Settings "year/month/day" click "next" button to switch on/year/month/day ", "according to the "M".


Automatic shutdown : click the "M" button to enter, there are four choice: 1 minute, 2 minutes, Three minutes, By default, for 1 minute, choose 1 minute, operation in 1 minute will be shutdown, choose "close", in any form will not operate shutdown.

Language : click the "M" button to enter, there are two languages: English, Chinese simplified, default for English.

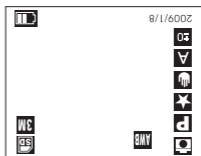
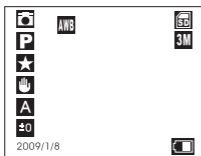
Frequency : click the "M" button to enter, there are two kinds of frequency selection: frequency 50HZ, By default, the domestic isolator 60HZ for for 60HZ.

Format : click the "M" button to enter for formatting, formatted after card cannot restore data.

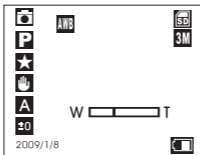
TV OUT : click the "M" button to enter, there're two TV choice: NTSC, PAL, default NTSC.

The default Settings : click the "M" button to enter the default Settings, the default Settings to recover after setting.

4. **Screen Shift:** Press the Screen Shift button on the panel to shift screen in any status.



5. **Far Focus/Near Focus:** in Photo mode, Video recording mode, far focus and near focus could be selected. In the Photo Playback mode, select "W far Focus/T Near Focus" to zoom in and out.



6. **Self Photo:** Press the "down" button in the Photo mode to execute the "Self Photo" mode, then press the "down" button to execute the "Self Photo" mode, then press the Photo button to begin timing for self photo.

7. **Fill Light:** In the Photo or Video Recording mode, press the "Up" button to switch on the fill light lamp.

III. Quick Buttons


1. Press the "Up"/"right" button in photo/Video Recording mode turn on/off the fill light lamp;
2. Press the "Down" button in the Photo mode to set timing.


Note: Only two pictures could be taken and saved in the memory of the device, and the video recording time could only last for 3 to 6 minutes, while taking photos and recording could not be operated in the same time. Current pictures and videos could not be saved after shutting down.

IV. Photo Playback Mode

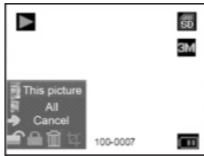



Press the “Photo Playback” button on the panel to play back photos, then execute, the above picture would display, press the “Up/Down” button to shift photos, press the “Left” button to browse photos in brief view, press the “Right” button to zoom out the current photo, which could be zoomed in by pressing the “Left” button, then press the “M” button, after that, press the “Up/Down/Left/Right” button to move the picture, then press the playback button to exit the current mode. Press the “M” button on the current photo, four options would display: Rotate Photo; Write Protection; Delete; Shear Picture.

Rotate Picture  : Press the “M” button to execute the Rotate Picture mode, there’re three rotating modes: Rotate 90°; Rotate 180°; Rotate 270°, select related mode would bring about related change.

Protection: Press the “M” button to execute the mode, press the “Right” button to shift to the photo protection mode, there’re two options for photo protection, lock or unlock. A lock sign  would display on the right and bottom edge of the screen of the current photo, when the “Lock” is selected in the current photo. Locked photos could not be deleted, these photos could only be deleted after being unlocked.

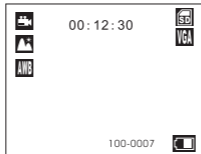
Delete: Press the “Right” button to shift to the “Delete” mode, there’re two modes for deleting: Delete the current photo, delete all. Note: Locked photos could not be deleted, these photos could only be deleted after being unlocked.








Shear : Press the “Right” button to shift to the “Shear” mode, then press the “M” button to implement shearing, press the Up/Down/Left/Right button to move the photo, use the M button to confirm, use other buttons to exit. Sheared photos would display in XGA format.

V. Video Recording

Press the video record button on the panel, to execute the video record mode, then press the video record button to start recording, and then press the “Video Record Button” to stop recording. On the video record menu, press the “M” button, the white balance and resolution would display.




White Balance: Press the “M” button to execute the white balance mode, there're five options for white balance: Auto  ; Day  ; Cloudy  ; Tungsten Lamp  ; Fluorescent Lamp  . Select related mode would bring about related change in display, the default is auto.

Resolution: Press the “M” button to execute the Resolution, there're three options for resolution: D1 720X576; **VGA** VGA 640X480; **QVGA** QVGA 320X240, select related mode would bring about related change.

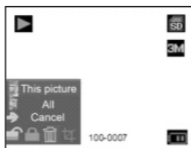
VI. Video Playback

Press the Video Playback button on the panel to execute the video playback mode, press the Video Playback button to play video. Press the “M” button when the current video is in its ceasing status, the “Protection” and “Delete” menus would display.



Protection  : Press the "M" button to execute, press the “Right” button to shift to the video protection mode, there're two options for the video protection mode, lock or unlock. A lock sign would display on the right and bottom edge of the screen of the current video when the “Lock” is selected. Locked video could not be deleted, it could only be deleted after being unlocked.

Delete: Press the “M” button to execute, press the “Right” button to shift to the “Delete” mode, there're two modes for deleting: Delete the current photo, delete all. Note: Locked photos could not be deleted, these photos could only be deleted after being unlocked.



VII. Camera Head Function

1. Please install the driving program first (wait till the driving program installation completes)
 2. Open the display screen, keep pressing the "Record" button.
 3. Connect the camera to PC via USB cable.
 4. The camera head mark would display on the screen.
 5. Open My Computer, the Instant USB Camera icon displays, open the icon to execute the camera head mode.
- All camera head functions have been implemented, now you can enjoy your video.

VIII. Troubleshooting for simple problems

1	Q: I could not power on my camera
	A: Please check the battery, make sure that the connection between the positive and negative is correct. If so, please change the battery.
2	Q: My camera shuts down suddenly.
	A: Please check whether the automatic power off function has been enabled in the camera, if not, please change the battery.
3	Q: I could not use my camera to take photos or record videos.
	A: Please check whether the capacity of the SD card is full, if not, please format the SD card on PC before inserting it into the camera.
4	Q: The photos taken by my camera are not clear
	A: Please do not shake the camera during taking pictures, so as to achieve a clear image.

5	Q: I could not use the SD card in my camera.
	A: Please check whether the SD card has been locked, if not, please format the SD card on PC before inserting it into your PC, some SD cards may be not compatible with the camera.
6	Q: I could not enable the camera head mode.
	A: Please install the driving program before inserting it into the PC, please do not install the driving program after inserting it into the PC, keep pressing the REC button while inserting into the PC.
7	Q: Dark fill light
	A: Please make sure to use a new battery, otherwise, the fill light would turn dark because of insufficient power supply.
8	Q: The socket equipped with the device is not workable.
	A: Please make sure the electrode direction of Li battery is correct.
9	Q: I could not save pictures or record videos in my camera.
	A: Please notice that this camera does not have a memory, please make sure the SD card has been inserted into the camera.

IX. Technological Specifications

Size.	
Weight.	
TFT LCD	digital high definition.
USB	USB 2. 0
Power battery	Rechargeable
Memory card	256M / 512M / 128M/2GB/4GB / 8GB
Video format	AVI
Photo format.	JPG
The TV to output	NTSC-30fps
	PAL-25fps
Temperature	0---40°C
Menu language.	English/Chinese simplified.