

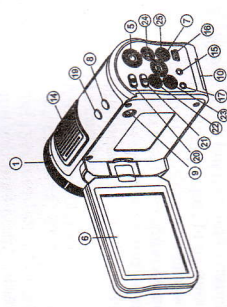
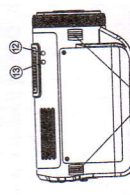
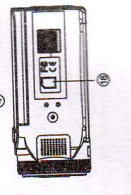
Dear user, Thanks for purchasing this product. This manual offers to you more detailed instructions and information. Your digital video camera is adopted CMOS Inductor of 5.1 Mega pixels and color liquid crystal display of 3.0 inches, which is shown the supreme picture quality, and the resolution is 4032x3024(12M, interpolation). Your camera is also a video recorder, which is easy and convenient to use, for making video, recording and taking pictures.

Safety Precautions:

1. If a digital video camera (or abnormal taste), or the camera is hot, give out strange sound, at the any abnormality state, please don't use the digital video Camera
2. The abnormality caused because of no operating according to the manual, take charge by user.
3. Please don't put this video camera in the moist environment, keep the video camera dry.
4. During thunder, if you use the power adapter, please don't connect and touch the plug may let you get an electric shock.
5. If there is an eye winker in the digital video camera, please don't use the digital video camera.
6. Please don't insert metal thing or other things in the video camera but SD card, manufacturers are not responsible for this trouble.
7. Please don't try to redo the digital video camera when you are driving.
8. Please don't operate the digital video camera when you are driving.
9. Please don't use the wet cloth to cover or wrap up the digital video camera or power adapter, please keep the digital video camera in ventilate place.
10. Please don't make the digital video camera strike with hard thing.
11. Please don't move the digital video camera while turning on the power.
12. The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply rest the

product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.

Getting to know the camera

1. Focal Length Ring
 2. Lens
 3. Strobe
 4. Wrist Buckle
 5. Shutter Button
 6. TFT Display Screen
 7. OK Button
 8. Menu Button
 9. Power Button
 10. Battery Cover
 11. Microphone
 12. BUSY
 13. CHARGE
 14. Speaker
 15. TV OUT Plug
 16. USB Port
 17. Earphones Jack
 18. MMC/SD Socket
 19. Mode Button
 20. Zoom In Button
 21. Zoom out Button
 22. Up Button
 23. Down/Self-Timer Button
 24. Flash /Left Button
 25. Display / Right Button
- 
- 
- 

Loading battery

1. Slide the battery cover.
2. According to the indication, put in an enclosed lithium battery.
3. Close the battery cover.

Insert and take out the memory card:

In addition to the built-in memory, your camera can also store data on SD/MMC card. To insert a memory card, gently push the

card until the card reaches the bottom of the slot. When a card is successfully inserted, you will see the storage icon showing on the LCD, the built-in memory will be disabled. To remove the SD card, gently push the card and it will pop up, then pull the card out of the slot.

Charge battery using adapter

1. Connect the smaller end of the power cable to the USB port of the camera.
2. Plug the AC adapter to a wall outlet, and the charge will start. The CHARGER LED (in the camera) indicates red light during charging. When the battery is fully charged, the CHARGER LED (in the camera) light will go out.

Charge battery using PC

1. Power on your computer. Connect one end of the USB cable to the computer.
2. Connect the other end of the USB cable to the camera and the charge will start. The CHARGER LED (in the camera) indicates red light during charging. When the battery is fully charged, the CHARGER LED (in the camera) light will go out.

Note: Please power off the camera during charging!

Turn on or off the camera

1. Open the LCD panel, press Power button to turn on the video camera.
2. While you want to turn off the power, press Power button and close the LCD panel.

Note: The camera will be automatically shut-down according to "Auto Off" setting in MENU mode. If you don't use the video camera for a long period of time, please remove the battery.

LED Indicator Explanation:

1. BUSY: The LED indicator will twinkle for a while and vanish when the camera is turned on. It will flicker again while the flash strobe is charging.
2. Charger: The LED (in the camera) indicates red light during charging. When the battery is fully charged, the LED (in the camera) light will go out.

Switch mode

The camera provides four modes to use. After powering on the camera, press the Mode button to select a mode you want to enter. If you want to change another mode, press the mode button again.



 : **Video Mode** — record videos.

 : **Camera Mode** — take pictures.

 : **Voice Recorder** — record voice clips.

 : **Playback Mode** — View Movies, Pictures and listen to record voice

Video Mode:

1. Turn on the video camera: the video icon  will show on the top right corner of the on-screen-display.
2. When at the time of idle state, TFT screen shows the related icon for mode indicator, recording time, white balance, and battery life. If there is an external memory card, will show the icon  of the external memory card.
3. While shooting the video, you can press zoom in/out button to capture the subjects.
4. Press Shutter key to start recording.
5. To stop recording, press Shutter key again.

Video Menu

Press Mode button, choose video mode, press MENU button, you can fine tune the camera performance via MENU settings, including Movie Size, White Balance, EV compensation, ..., etc.

Movie Size:

Setting the movie size according to you need.
VGA: 640×480
QVGA: 320×240

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White Balance:



- Auto: The camera automatically adjusts white balance.
- Sunny: This setting is suitable for outdoor recording in sunny weather.
- Cloudy: This setting is suitable for recording in cloudy weather or shady environments.
- Fluorescent: This setting is suitable for indoor recording in fluorescent lamp lighting, or environments with high color temperature.
- Tungsten: This setting is suitable for indoor recording with incandescent lamp lighting, or environments with low color temperature.

EV Setup:



+2.0 ~ -2.0 manually adjust the exposure to gain better effect when the preview image appears too bright or too dark. A positive value indicates the image will be brighter than usual; while a negative value makes the image dimmer.

Night Mode:



Divided into ON/OFF, Please make the selection depends on the shooting environment.

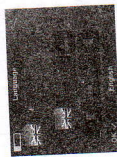
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Setup Mode
In Video Mode/Camera Mode /Playback Mode, you can also adjust the system settings via submenu, including Auto Off, Beep, Brightness, TV Standard, Format, Flicker, Logo Display, Default Setup, Language, Version...etc

Auto Off:



Language:



Users can choose different languages according to the need.

Version:



Show the current FW version.

Camera Mode

1. Turn on the camera, and press Mode button to enter camera mode.
2. When at the time of idle state, TFT screen shows the related icon for mode indicator, the number of pictures can be captured, White Balance, and battery life. If there is an external memory card, will show the icon of the external memory card.
3. Press the Shutter key to take the picture.
4. Before shooting, you can press button zoom out or in to capture the subjects.
5. Before shooting, you can press the menu button to adjust the Flash Setup, Quality Setup, Image Size, White Balance, EV Setup, Self Timer, and Night Mode.

Camera Menu:

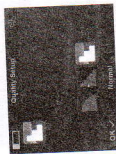
Flash Setup:



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- Auto: The flash automatically fires when the light is insufficient.
- Forced: The flash is forced to fire in every shot.
- Off: The flash is disabled.

Quality Setup:



Choose this function to take the photo quality that you need.

Image Size:

Divided into 640×480, 1600×1200, 2592×1944, and 4032×3024.

White Balance:



- Auto: The camera automatically adjusts white balance.
 - Sunny: This setting is suitable for outdoor recording in sunny weather.
 - Cloudy: This setting is suitable for recording in cloudy weather or shady environments.
 - Fluorescent: This setting is suitable for indoor recording in fluorescent lamp lighting, or environments with high color temperature.
 - Tungsten: This setting is suitable for indoor recording with incandescent lamp lighting, or environments with low color temperature.
- Please make the selection depends on the shooting environment; otherwise, you can just simply select Auto.

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EV Setup:



+2.0 ~ -2.0 manually adjust the exposure to gain better effect when the preview image appears too bright or too dark. A positive value indicates the image will be brighter than usual; while a negative value makes the image dimmer.

Self-Timer:



-Timer off: Disable the self-timer.
-5sec/10sec: The camera will have five or ten seconds delay before capturing when the shutter button is pressed.

Night Mode:



Divided into ON/OFF, Please make the selection depends on the shooting environment.

Voice Recorder Mode

1. Press the Mode button to enter Voice Recorder mode, TFT screen will shows:



2. Press Shutter key to start recording, press Shutter key again to stop recording. The available recording time will display on the LCD.

Playback Mode

Press Mode button, choose Playback mode, you can view movies, pictures and listen to record voice.



View Movies

1. Press the Mode button to enter Playback mode.
2. Press the direction button to highlight the video and then press OK button to play, press it again to stop.
3. While playing movie, pressing right or left button to fast-forward or back-forward, then release the button to stop fast-forward or back-forward, press down button to pause playing, and press OK button to stop playing.
4. Press zoom in or out button to adjust the volume.

View Pictures

1. Press the Mode button to enter Playback mode.
2. Press the direction button to highlight the picture and then press OK button to play.
3. Use the left or right button to select the picture you want to view.
4. You can press zoom out or in to zoom out or in the picture.

Listen to Record Voice

1. Press the Mode button to enter Playback mode.

2. Press the direction button to highlight the recording and then press OK button to play.
3. Use the left or right button to select the recording you want to play, then press OK button to play, press it again to stop.
4. Press zoom in or out button to adjust the volume.

Delete Menu



While in playback mode, press menu button, TFT screen will show the icon delete file. choose delete file, press OK key to set, you can delete one or all of your recordings or images.

Set Logo

The screen will show "ON" and "OFF" for selection, "ON" is for setting the current photo as the standby logo and "OFF" is for canceling the self-setup logo.

USB Mode

Install USB drive

The USB software disc is only use in Win98 SE/Win2000/Win XP/Win ME.

1. Insert the disc in the disc machine.
2. The driver will be automatically installed.

Connecting the camera to computer

1. Turn on your computer and then connect the accessory USB cable to the USB port.
2. Connect the other end of the USB cable to your camera and then power on the camera.
3. The screen will appear two icons, the first icon is PC Camera, press OK button to confirm, the computer can recognize and install software automatically, and the camera can act as lens.
4. Select the second icon and press OK button, then the "Remove Disc" will appear on "My Computer". Click it to copy the files from the camera storage to your computer.

Connecting the camera to TV

Note: TV systems differ for different regions. You may need to adjust the [TV System] setting to display normally.

(America: NTSC; Europe: PAL; China: PAL)

Connecting your camera and TV via the accessory AV cable for real-time display. You can display your video clips, still pictures, and audio recordings directly on your TV, sharing them with your friends and family.

1. Power on your TV and switch the TV to AV mode.
2. Connect the audio and video ends of the AV cable to the [Video/Audio] ports on the TV.
3. Power on the camera.
4. Connect the other end of the AV cable to the [TV Out] on your camera.
5. The TV will show up the camera's menu.

Specification

Product Type	Digital Video Camera
Image Sensor	5.1 Mega pixels CMOS Sensor
Image Size	640×480(VGA), 1600×1200(2M), 2592×1944(5M), 4032×3024(12M)
Video Resolution	VGA(640×480)/QVGA(320×240)
Video Record	Movie Recording With Sound
Storage	Built in 32MB Flash Memory, External: SD or MMC Card
Lens	f=7.45 mm F/3.0
LCD Panel	3.0" Color TFT LCD Display
Self-timer	Timer with 5 sec / 10 sec delay
Digital Zoom	8X
Exposure Value	-2.0~+2.0EV
White Balance	Auto/Sunny/Cloudy/Fluorescent/Tungsten

Flash Mode	Auto/Forced/Off
Power Source	Li-Ion Battery
Auto Power Off	1minute/3minutes/ Never
PC Interface	USB2.0 full speed
TV Output	NTSC / PAL
Language	English/S.Chinese/T.Chinese/German/ France/Spanish/ Portuguese/ Italian
Operation System	Win98 SE/Win2000/Win XP/Win ME
Weight	Approx. 308g
Dimension	116(L)x68(H)x53(W)mm

Specifications subject to change without notice.