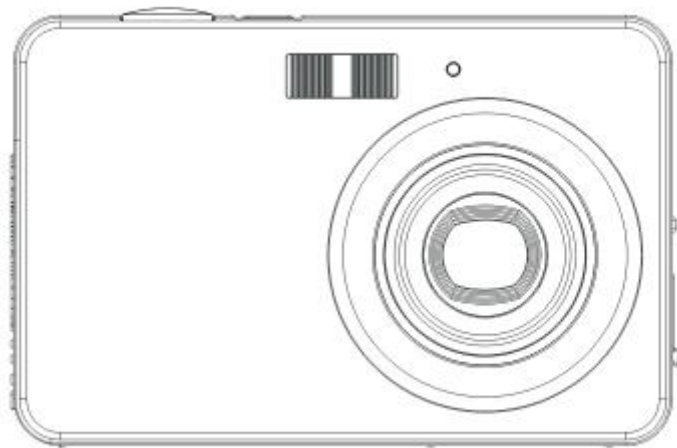


12MP Digital Still Camera



User's Manual

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1. Introducing the camera

Read this section to learn about the features and functions of the still camera. This chapter also covers system requirements, package contents, and descriptions of the hardware components.

(a) System requirements

The video camera requires a PC with the following specifications:

- Windows XP/2000/ME/98SE/Vista operating system
- Intel Pentium III 500MHz CPU or higher
- Standard USB 1.1 port or higher
- 4x speed CD-ROM drive or higher
- At least 200MB of available disk space

(b) Features

The still camera offers a variety of features and functions including:

- Digital camcorder (max VGA(640 x 480),30fps)
- Digital camera (max 12 Mega Pixels)
- Image Anti-Shake Function
- Using lithium battery as power source
- Support up to 32GB SDHC memory card
- Flash light function
- Face Tracking function
- Smile capture function
- PC CAM function

Additionally, the camera also features 8X digital zoom, USB mass storage, and a SD card reader.

(c) Unpacking the digital still camera

The following items should be present in the package. If any item is missing or appears damaged, contact your supplier immediately.

Items:

Digital still camera

USB Cable

User Manual

Lithium Battery

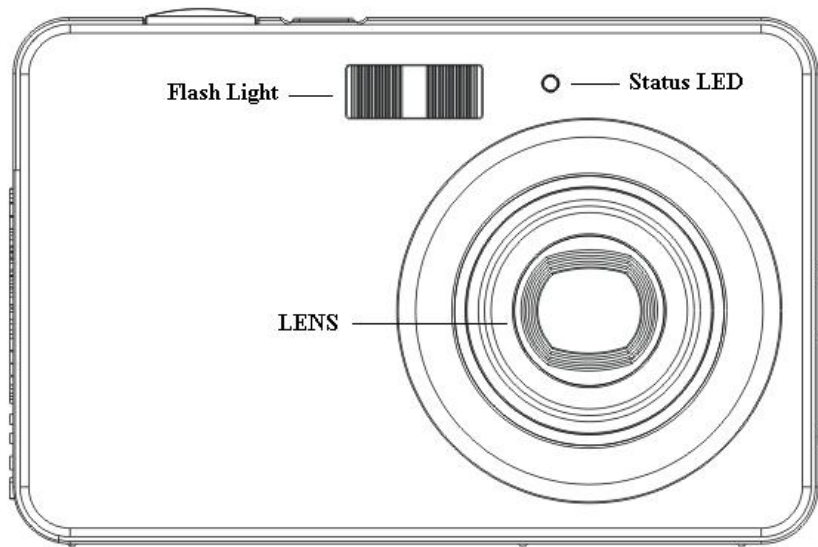
Camera bag

Battery Charger (Optional)

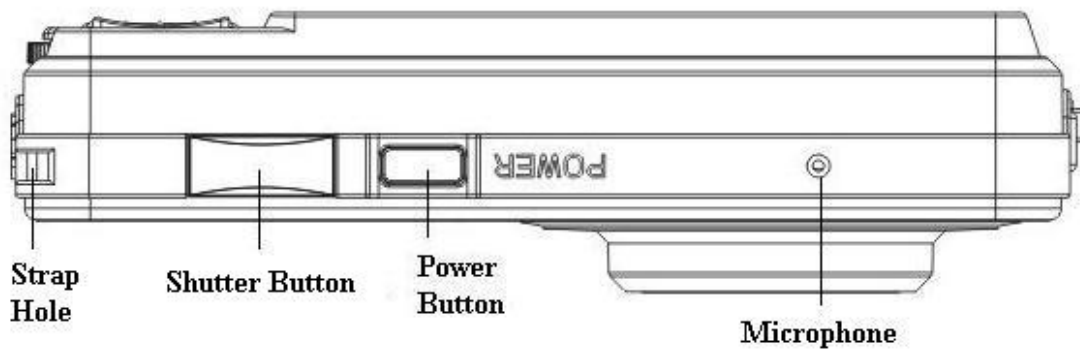
(d) About the camera

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

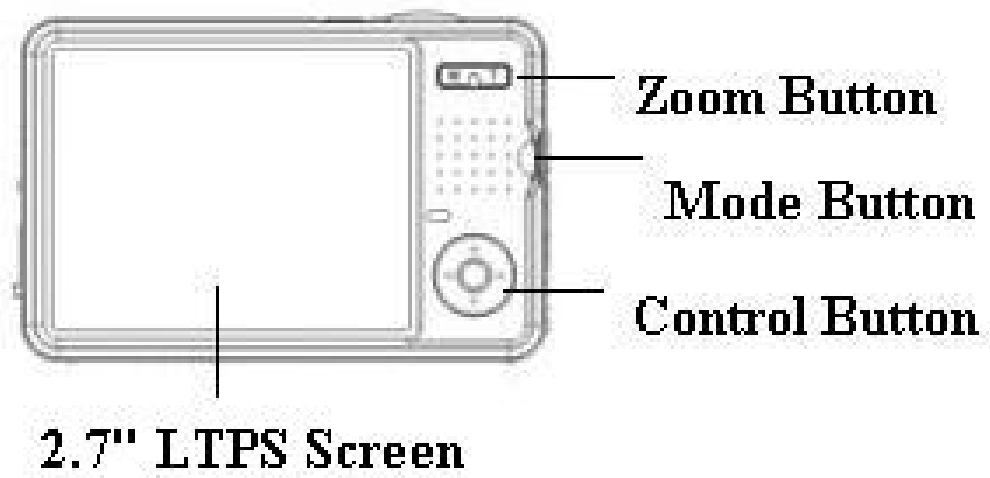
(d1) Front View



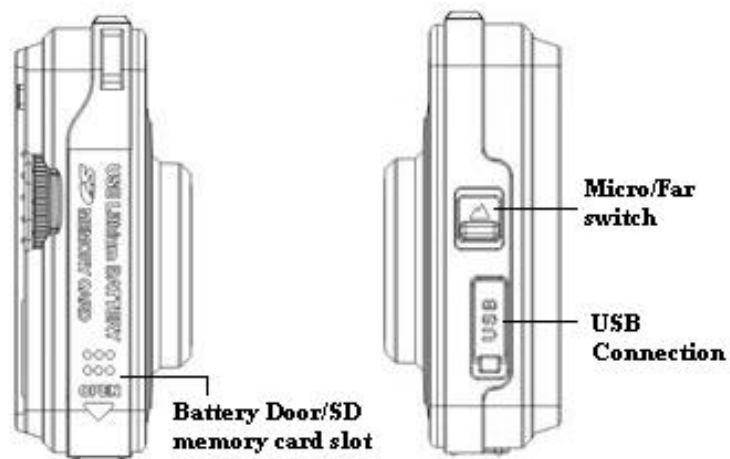
(d2) Top View






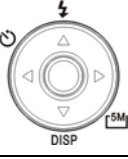


(d3) Back View



(d4) Rear View



(d5) Button description

Button	Name	Function
	Power button	Press and hold to turn power on/off
	Shutter Button	Press to take picture or video
	Zoom Button	Press to Zoom In/Out
	Control Button	Four directional key and "OK" button at the center
	Mode Button	Rotate to enter different mode
	Micro/Far Switch	Switch up and down for Micro/Far filming

2. Getting started

Read this section to learn how to start using the digital still camera. This section covers basic functions such as switching on, inserting the battery, memory cards, and configuring preliminary settings. See later chapters for advanced functions.

(a) Inserting an SD Card

(a1) Open the Socket compartment
(Take note of the camera direction)



(a2) Insert an SD card as shown. Make sure the gold contacts are facing upwards.
(Take note of the camera direction)



(b) Inserting the batteries

This digital still camera is designed to use Lithium Battery. Only use the battery supplied or similar battery recommended by the manufacturer or your dealer.

Note: Install the batteries exactly as described here. Ensure that the polarity of the batteries is correct. Installing the batteries incorrectly could cause damage to the camera and possibly start a fire.

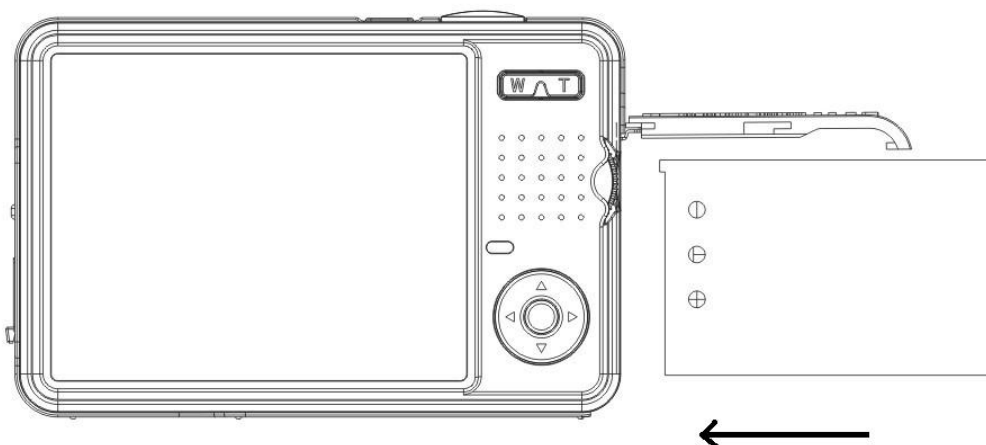
(b1) Open the battery compartment.

(Take note of the camera direction)



(b2) Insert the batteries as shown.

(Take note of the camera direction)



(c) Turning on the camera

Press and hold the power button to turn the camera on/off.



(d) Changing modes

There are total of eight modes:

Logo	Mode
A simple icon of a sun with rays.	High Sensitivity
An icon showing a crescent moon and a mountain peak.	Night Scenery
An icon of a person holding a camera.	Sport
An icon showing a sun, a mountain peak, and a small house.	Scenery
An icon of a person holding a camera, similar to the Sport mode icon.	Portrait
A large, bold letter "P".	Auto
An icon of a video camera.	Video Recording
An icon of a play button (a square with a right-pointing triangle).	Playback

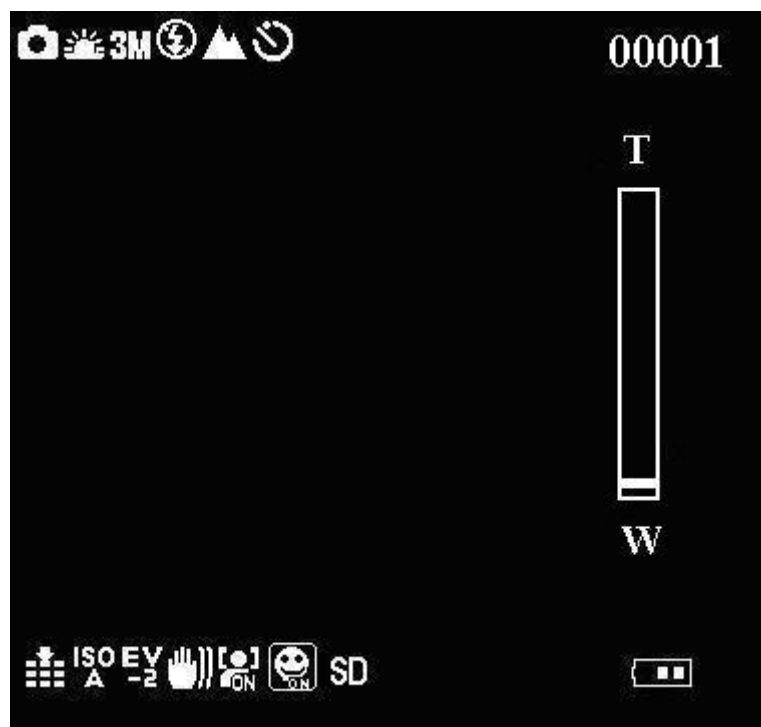
Rotate Mode button to enter different modes.

3. Snapshot Mode







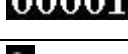









Read this section to learn all function for Snapshot Mode:

To take still image:

1. Rotate Mode Button to Snapshot Mode (Total 6 environment)
(See Chapter 2.(d) for different environment)
2. Press Power button (See Chapter 1.(d2) for correct button)
3. Locate your subject
4. Press the Shutter button to start image taking
(See Chapter 1.(d2) for correct button)
5. Below Diagram shows each logo and list of functions



3a.) List of Function

Logo	Mode	Function
	Snapshot	Press Shutter Button to take still images.
	Mode	Rotate mode button to enter different environment
	Resolution	Change different still image resolution
	Flash light	Enable or disable flash light
	Macro/Micro filming	To take images on short or far distance object by switching up or down
	Capture Mode	Different timing of capture mode
	Storage indication	Number of images or video clips that can be stored
	Zooming	Max 8X digital
	Quality of image	Display image quality
	ISO	Display ISO settings
	EV	Display EV settings
	Anti-shake	Image anti-shake
	Face detect	Special face detect feature
	Smile feature	Smile Capture
	SD card icon	Indication of SD card when it is inserted
	Battery status	Indication to battery duration

Notes:

- To zoom in your subject, press “T” , to zoom out, press “W”
- You can also press Navigation key “Left” directly to change Driver Mode. Press Navigation key “Right” directly to change Resolution. Press Navigation key “Up” directly to change Flash Mode. Press Navigation key “Down” directly to go in Standby Mode.

4. Still Mode Under Snapshot Mode







Read this section to learn all function for Still Mode:

To enter Still Mode with your camera:

1. Press Power Button (See Chapter 1.(d2) for correct button)
2. Press “OK” in Control Button (See Chapter 1.(d5) for correct button)
3. Below Diagram shows each logo and list of functions



4a.) List of Function

Logo	Mode	Selection
	Image Size	640 x 480, VGA 1280 x 960, 1MP 1920 x 1080, 2MP (HD) 2048 x 1536, 3MP 2592 x 1944, 5MP 3648 x 2048, 7MP(HD) 3264 x 2448, 8MP 3648 x 2736, 10MP 4000 x 3000, 12MP
	Anti-Shake	On Off
	Face Detect	On Off
	Smile Capture	On Off
	Continue Shot	On Off
	Capture Mode	Off 2 Seconds 5 Seconds 10 Seconds

Notes:

- To zoom in your subject, press “T” , to zoom out, press “W”
- To playback images, please rotate Mode button to “Playback” Mode.
- You can also press Navigation key “Left” directly to change Driver Mode. Press Navigation key “Right” directly to change Resolution. Press Navigation key “Up” directly to change Flash Mode. Press Navigation key “Down” directly to go in Standby Mode.

5. Setup Mode Under Snapshot Mode












Read this section to learn all function for Setup Mode:

To enter Setup Mode with your camera:

1. Press Power Button (See Chapter 1.(d2) for correct button)
2. Press “OK” in Control Button (See Chapter 1.(d5) for correct button)
3. Press Navigation key “Right” to highlight Setup and press “OK” to enter
4. Below Diagram shows each logo and list of functions



5a.) List of Function

Logo	Mode	Selection
	Exposure	3, 2, 1, 0, -1, -2, -3
	ISO	Auto, 100, 200, 400
	White Balance	Auto, Daylight, Cloudy, Incandescent, Fluorescent
	Sharpness	Normal, Sharp, Soft
	Quality	Super Fine, Fine, Normal
	Auto Power Off	60 Seconds, 120 Seconds, 180 Seconds, None
	Frequency	50Hz, 60Hz
	Date Stamp	On, Off, Set Date
	Language	English, Simplified Chinese, Traditional Chinese, French, Deutsch, Spanish, Russian, Italian, Portugal, Portugal (Brazil), Nederlands, Turkish, Bahasa, Japanese
	Format	OK, Cancel
	Default Setting	OK, Cancel

Notes:

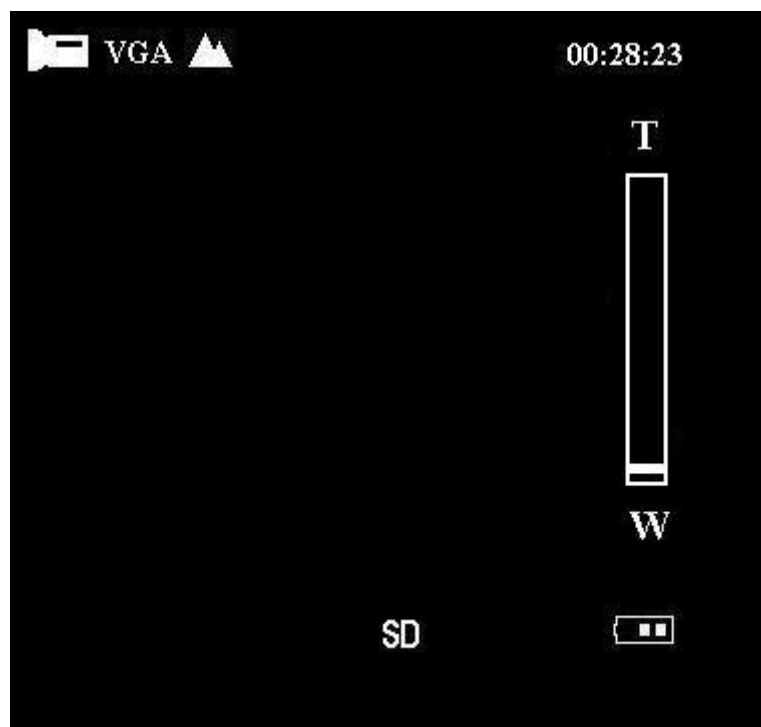
- To zoom in your subject, press “T” , to zoom out, press “W”
- To playback images, please rotate Mode button to “Playback” Mode.
- You can also press Navigation key “Left” directly to change Driver Mode. Press Navigation key “Right” directly to change Resolution. Press Navigation key “Up” directly to change Flash Mode. Press Navigation key “Down” directly to go in Standby Mode.

6. Video Mode




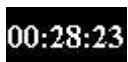
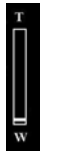


Read this section to learn all function for Video Mode:

To start Video Recording with your camera:

1. Rotate Mode Button to Video Mode
(See Chapter 2.(d) for correct Mode)
2. Press Power button (See Chapter 1.(d2) for correct button)
3. Locate your subject
4. Press the Shutter button to start Video Recording
(See Chapter 1.(d2) for correct button)
5. Below Diagram shows each logo and list of functions



6a.) List of Function

Logo	Mode	Function
	Video	Indication for Video Mode
	Resolution	Select VGA or QVGA
	Macro/Micro filming	To take video on short or far distance object by switching up or down
	Duration	Video Recording duration
	Zooming	Max 8X digital
	SD card icon	Indication of SD card when it is inserted
	Battery status	Indication to battery duration

Notes:

- The size and quality affect the length of each video recording
- High resolution and high quality settings will result in larger files, and therefore shorter length of recording.
- To zoom in your subject, press “T”, to zoom out, press “W”
- To playback video, please rotate Mode button to “Playback” Mode
- You can also press Navigation key “Up” directly to change Movie Size. Press Navigation key “Down” directly to go in Standby Mode.

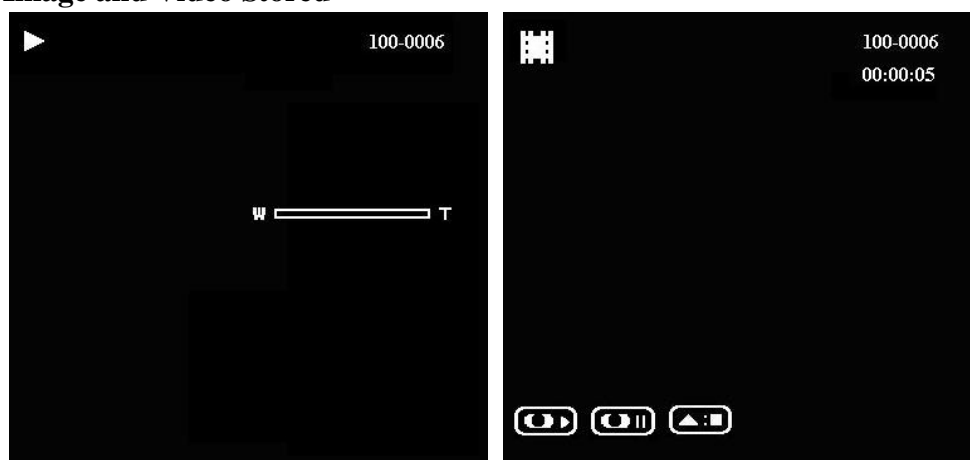
7. Playback Mode

Read this section to learn all function for Playback Mode:







To start Playback Mode with your camera:

1. Rotate Mode Button to Playback Mode
(See Chapter 2.(d) for correct Mode)
2. Press Power button (See Chapter 1.(d2) for correct button)
3. Press Left or Right button to review the images and video stored
4. Below Diagram shows each logo and list of functions

Still Image and Video Stored



7a.) List of Function

Logo	Mode	Function
	Playback	Indication of playback mode is activated
100-0006	Number of files	Indication for number of files stored
W  T	Zooming	Indication for zoom in/out during image playback
	Video	Indication of video file when it is selected
00:28:23	Duration of video	Indication for video file duration
	Play	Indication of video when it is being played
	Pause	Indication of video when it is paused
	Stop	Indication of video when it is stopped

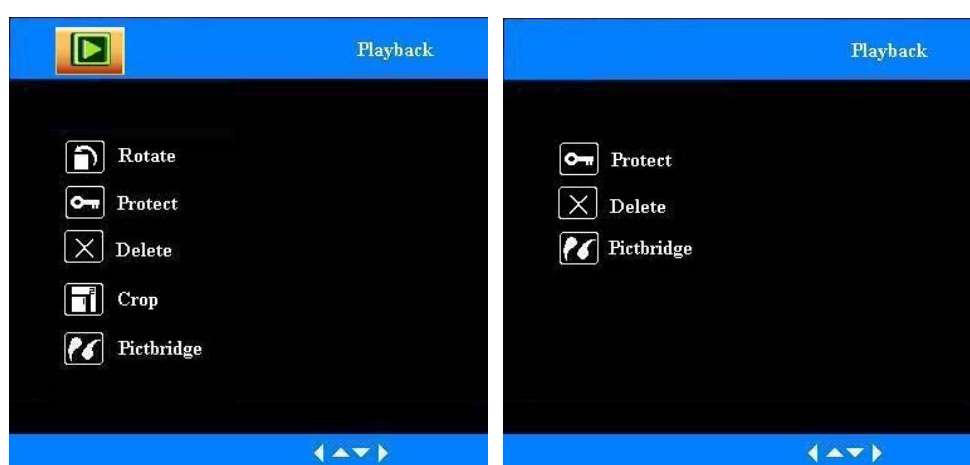
8. Menu in Playback Mode

Read this section to learn all function for Menu in Playback Mode:






To enter Menu in Playback Mode with your camera:

1. Rotate Mode Button to Playback Mode
(See Chapter 2.(d) for correct Mode)
2. Press Power button (See Chapter 1.(d2) for correct button)
3. Press OK button to enter Menu
4. Below Diagram shows each logo and list of functions

Menu for Still Image and Video



8a.) List of Function

Logo	Mode	Function
	Rotate	Choose to rotate still image at different from 90 to 270 degrees
	Protect	To lock or unlock stored images and video
	Delete	To delete stored files
	Crop	To cut size of the stored still images
	Pictbridge	Enable direct printing connection

9. Mass Storage Mode

Read this section to learn how to use Mass Storage Mode function

To enter Mass Storage Mode:

1. Rotate Mode Button to SET (See Chapter 2.(d) for correct button)
2. Press the Power button (See Chapter 1.(d2) for correct button)
3. Plug camera to PC using USB cable, an icon as below will be shown on your Display Screen



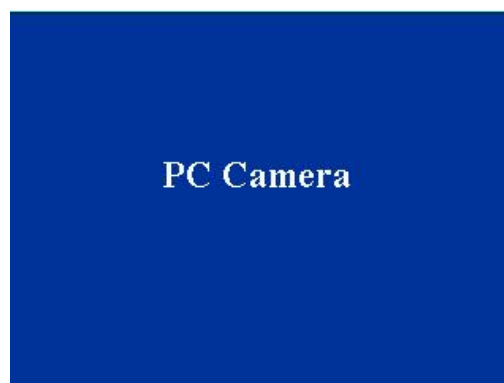
4. Mass Storage Mode is enable now, you can use the memory to store pictures or videos. Please make sure there are pictures or video stored before entering.

10. PC CAM Mode

Read this section to learn how to use PC CAM Mode function

To enter PC CAM Mode:

1. Plug camera to PC using USB cable
2. Press hold of Power and Shutter button (See Chapter 1.(d2) for correct button)
, an icon as below will be shown on your Display Screen



No driver is needed to install, PC camera is enable.

11. Troubleshooting

Read this section to learn how to troubleshoot the camera.

1	Question: My camera does not respond when I pressed the Power button. Answer: Check your batteries; see if it is inserted with correct position. If it is inserted correctly, please recharge the battery.
2	Question: My camera suddenly shut down. Answer: Check if Auto shutdown function is enabled. If not, please recharge the battery.
3	Question: My camera is not able to take still images or video recording. Answer: Check if SD card memory is fully occupied, if not please format your SD card on PC before inserting to camera.
4	Question: Blur image appeared when using this camera Answer: This camera support Anti-shake function. It is often advisable to hold tight to the camera while image is taken.
5	Question: My SD card is not workable with this camera Answer: Write protect key on the SD card is enable, please unlock it before inserting. Always format the SD card on PC before using.
6	Question: My camera is not able to store images or video Answer: Please take note that this camera does not have large capacity of memory; media such as SD card is advisable to use with this camera.
7	Question: I am not able to turn off my camera Answer: Please press hold of Power button for at least 3 seconds in order to completely shut down the camera
8	Question: My Flash light does not work Answer: Flash light requires certain amount of energy to use, if battery status is low, please recharge it in order to use the flash light