

# 1. Camera Introduction

## The camera has the following functions:

1. Ability to easily download pictures from the camera to the computer software
2. Removable memory card
3. Simple and easy-to-use LCD panel
4. Various function mode specifications
5. Automatic power saving device
6. Compact, light weight and easy to carry

## Systems requirement:

IBM PC or PC-compatible

1. Microsoft Windows 98 /2000
2. 24MB memory , 32MB is recommended
3. VGA color display (TRUE color mode support is recommended)
4. CD-ROM drive and a 3.5\* floppy drive
5. Available USB port.

## Package contents:

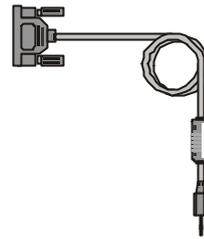
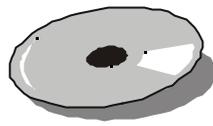
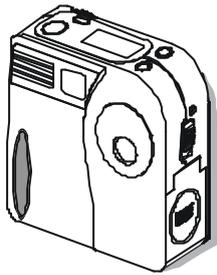
Camera	USB cable
User's manual in CD-Rom	2 AA Alkaline Batteries
Quick Start Guide	2MB memory card
Pouch and Strap	CD Software
TWAIN Driver in CD-Rom	*3V DC Adapter, 1,5A (optional)

**Package contents:**

Digital Camera

CD Software

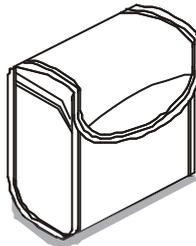
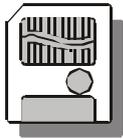
USB cable



Memory card

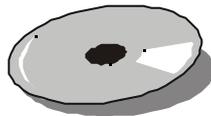
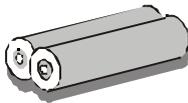
Pouch

Strap



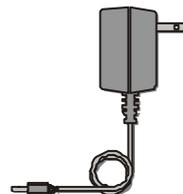
Batteries

User's manual & Twain Driver in CD



Quick Start Guide

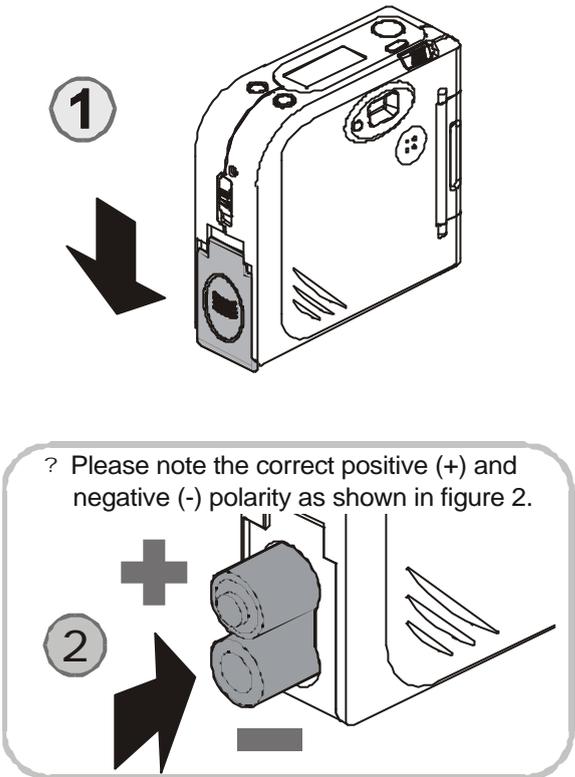
\*3V DC Adapter, 1,5A (optional)



## 2. Preparation

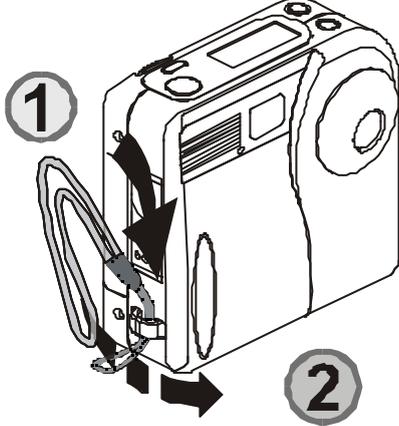
### Loading the battery

To load the battery: (As shown by figures below)



### Attaching the strap:

Attaching the strap as shown in figures 1 and 2 below:



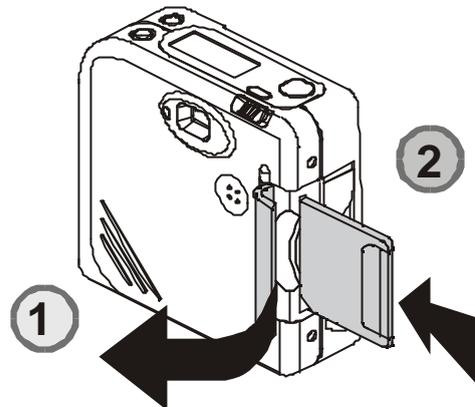
### Memory Card Installation:

Installing the memory card as shown in figure 1 and below.  
The camera is operational only with the installation of memory card.

**Any new memory card used first time by this camera will have to be formatted.**

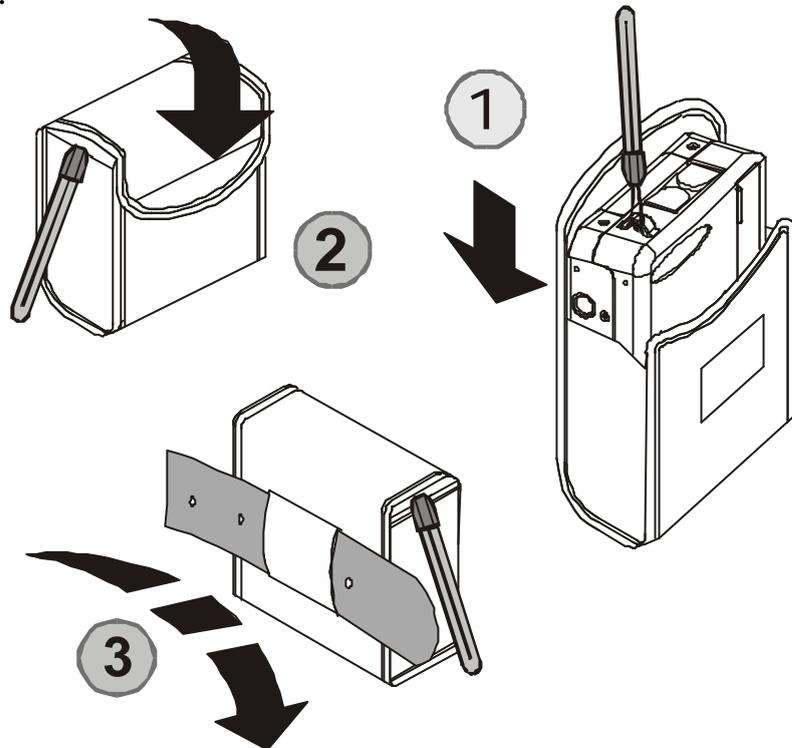
Please see Page 13 for format procedure.

Note :? Be sure to turn the power off when you want to replace the memory card to avoid causing damage to the card.



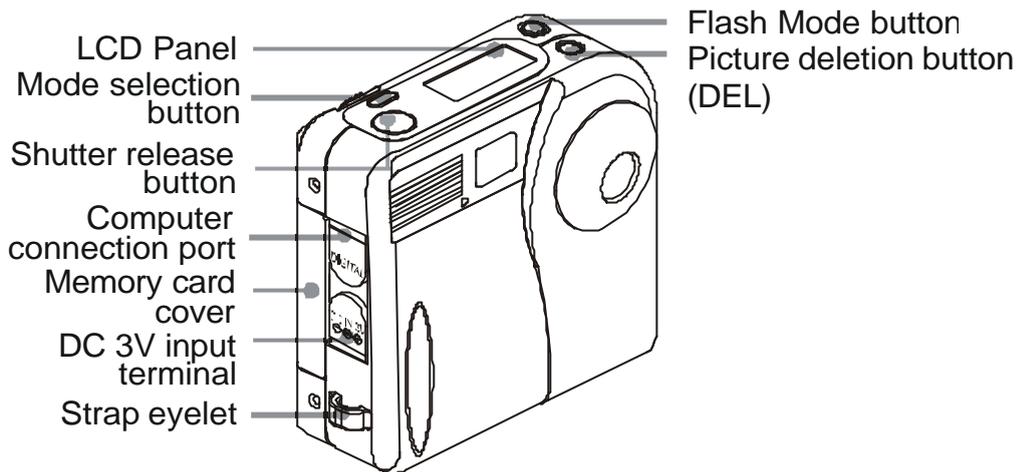
### Setting the Pouch:

To set the pouch, please follow the procedure as below.



Purse function as shown in figure 3

### 3. Nomenclature:



#### Mode button operations:

1 4 different modes will appear on the panel in following sequence when you press the mode button.

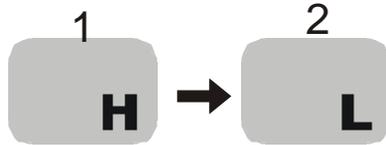
**Normal/Self-timer mode:** Press the mode button once to switch Normal/Self-timer mode.



note: " 1 " is normal condition.

Note: The Self-timer gives you 10 seconds before it captures the image

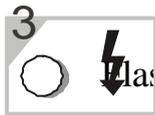
**High/Low resolution mode :** Press the mode button for 3 seconds to switch High/Low resolution mode:



Note : \* H refer to 1280x960 pixels resolution  
 L \* refer to 1024x768 pixels resolution



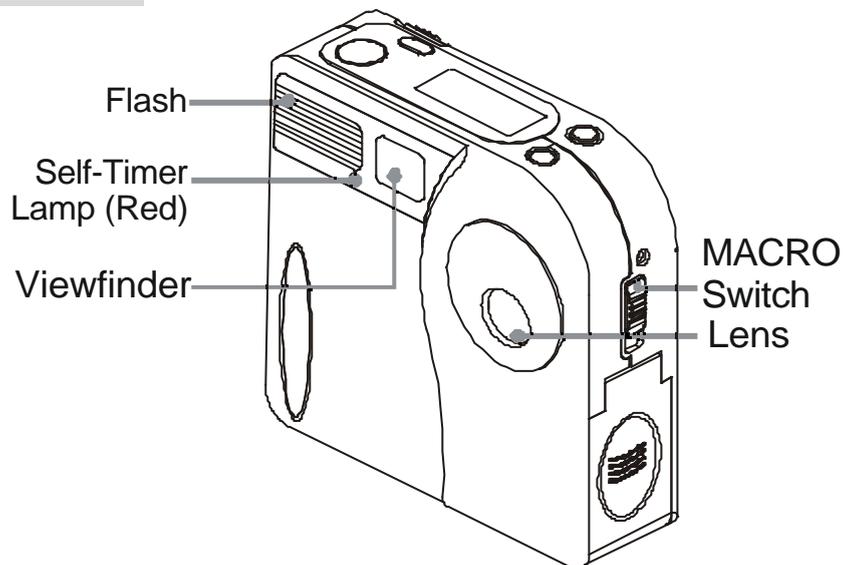
DEL: Delete single picture or all pictures storage, please refer to Page 10 for detailed operations.



Flash: Flash can be chosen in three modes: fill in, off and auto, please refer to Page 11 for detailed operations.

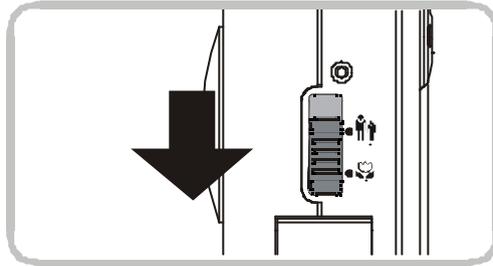


**Camera front:**



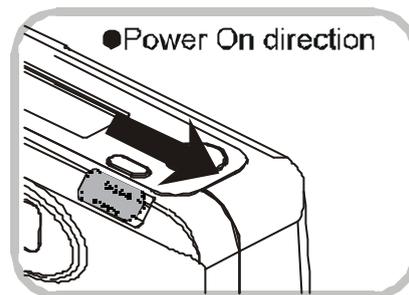
**MACRO mode operation:**

MACRO mode is shown as in the diagram below.  
For more information, please refer to Page 12.

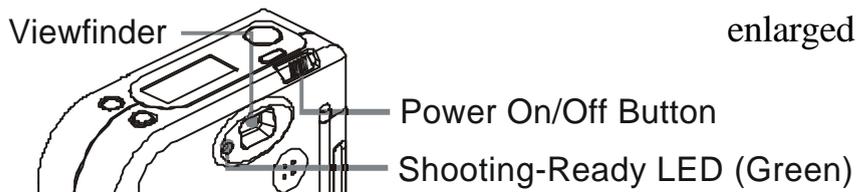


MACRO switch enlarged from the side view.

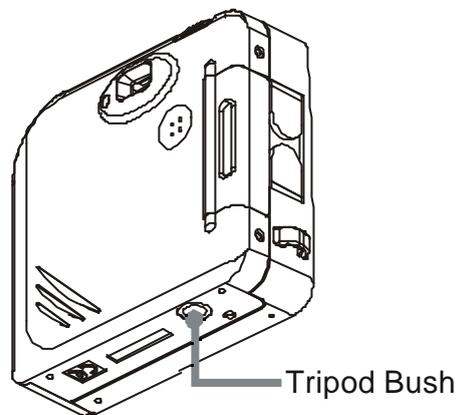
**Camera back:**



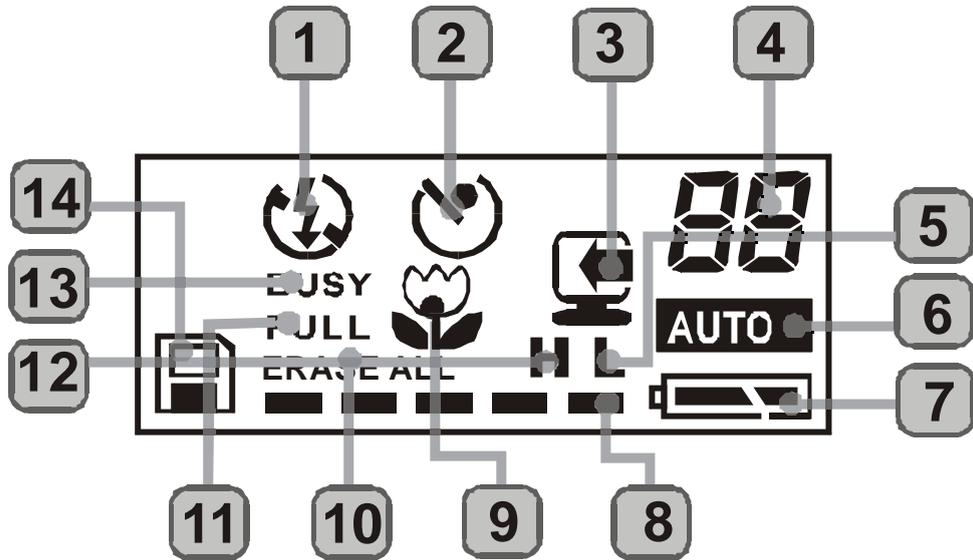
enlarged diagram



**Camera bottom:**



## 4.LCD Panel Display:



1 Fill-in Flash mode



1 Flash Off mode



2 Self-timer



3 PC linked indicator.



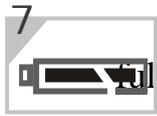
4 Counter



5 Image is in 1024x768 pixels resolution.



6 Auto flash mode



7 a. Batteries are fully charged.



b. Batteries are drained.



8 Memory card storage condition (from zero to full marks)



9 MACRO mode (push MACRO switch to )



10 1. Delete all saved image data.  
2. Format memory card

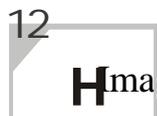


Delete last

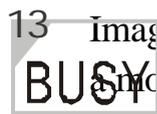
(Please refer to Page 10)



11 Memory card is full, please delete images data or replace the memory card.



12 Image is in 1280x960 pixels resolution.



13 Image is under saving process, please wait for a moment to take the next picture.



14 Memory card is properly inserted. Blinking indicates there is no memory card inserted.

## **5. Basic operations:**

### **Taking pictures:**

- (1) Turn the power on.
- (2) Set the mode you need and the NORMAL/MACRO switch position.
- (3) Frame the subject in the viewfinder.
- (4) Press the shutter release button halfway for focusing, until the green (shooting-ready) LED stops blinking, which indicates the camera is ready for shooting.
- (5) Press the shutter release button to the bottom and then the " BUSY " will appear on the LCD , the shooting is undergoing, and the image is under saving process.
- (6) When "BUSY" disappears, images have been saved.

Please keep the lens clean to ensure better quality of image. Please use a lintless cloth to clean gently in one direction the surface of lens when cleaning.

### **Delete pictures:**

- (1) Delete last picture: press DEL button till ERASE is displayed on the LCD. Then press shutter release button and the last picture will be deleted.
- (2) Delete all pictures: press DEL button twice till "ERASE ALL" is displayed on the LCD. Then press the shutter release button and all of the pictures in memory card will be deleted.

## Using flash:

The camera has three flash shooting modes:  
note:Effective distance of flash is 1m~1.5m.



Auto flash: Flash will automatically fire under dim light setting



Fill-in flash mode: The flash will always fire whenever you take pictures. In low-light condition or back light situation,it is recommended to use this mode.



Flash off mode: Flash will not function under this mode.

## Self - timer Mode:

Under this mode, the shutter will be delayed for about 10 seconds to release after pressing the shutter release button, to allow you to join the picture.

- (1) Press the \*mode\* button to self-timer mode
- (2) Using a tripod or a steady support to hold the camera firmly
- (3) Compose the picture and reserve a space for yourself later.
- (4) Press the shutter release button halfway for focusing, and then press the shutter release button to the bottom. Red self-timer LED light will blink for about 10 seconds before shutter is released. Go to the reserved space

within this time to take the picture.

- (5) Until the green (shooting-ready) LED stops blinking.  
which indicates the camera is ready for next shooting.

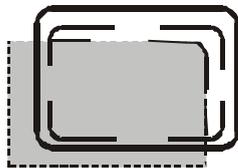
### **Select resolution:**

The camera has two resolution modes. Press the MODE button for 3 seconds to switch High/Low resolution mode.  
High resolution : Image is in 1280x960 pixels resolution.  
Low resolution : Image is in 1024x768 pixels resolution.

### **Macro mode:**

Under "MACRO" mode, focus is set at 20 cm.  
Macro mode provides a function of portrait.

- (1) Push the Marco switch to "  ".  
(2) Press the shutter release button  
(3) When the "BUSY" sign disappeared, shooting is completed.  
(4) You can use the strap to measure the required focusing distance (22~25cm) for Macro mode.



Focus your subject within the printed picture area of Micro mode viewfinder.

**Important Note:**

Always remember to push the Macro switch back to normal "  " position after use of this mode, or the next pictures you take for normal shooting will be blurred.

**Automatic power saving function:**

1. Under normal operation condition or connecting to the PC, the camera will be shut off automatically after being idle for 3 minutes.

**Using memory card:**

One memory card is enclosed with the camera. You may purchase more memory cards (SSFDC 2/4/8/16 MB, 3.3 Volt) as you would like to use for the camera at your own cost. Please contact your nearest dealer for more information.

When you need to put in, or change the memory card, please:

- (1) Turn off the power
- (2) Lift the side cover
- (3) Take out the current memory card
- (4) Insert the replacement memory card ( Be sure to format if the card is never used in this camera before.)
- (5) Close the card side cover

**Important Note:**

Format : Insert a new memory card, and press DEL button twice until \*ERASE ALL\* is shown in the LCD. Press the shutter release button, then the memory card is formatted

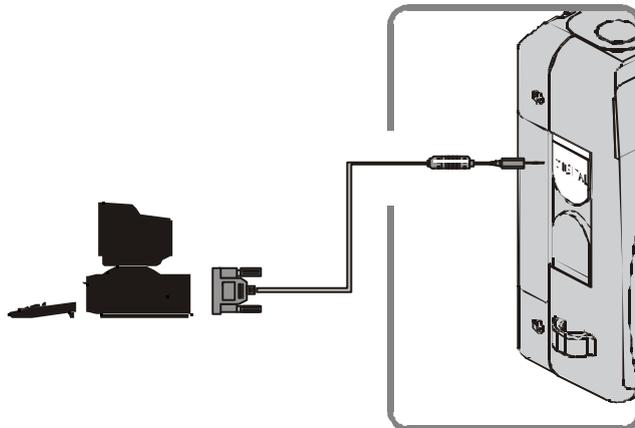
Note : When taking out the memory card, please be sure to turn off the power to avoid causing damage to the memory card.

**Connect the camera to your personal computer:**

- (1) Please install the provided " PhotoSuite " software to your computer and activate it.
- (2) Prepare the USB cable, plug one end into the camera

connection port, and the other end to USB port of the computer.

- (3) When you \*Select source \*and\*Acquire TWAIN\*,the „  „, will be shown in the LCD and the camera is linked with PC and the pictures you have taken can be downloaded through the software.



Camera side enlarged diagram

## 6. Using the TWAIN Driver Interface

### Getting to Know the TWAIN Interface

The digital camera is shipped with a user-friendly software of TWAIN interface that you can use to download the pictures that you take with the camera. TWAIN is an industry standard interface for scanners and digital cameras. The TWAIN Interface works in combination with any TWAIN compliant image processing application, such as MGI PhotoSuite. The image processing application is often referred to as the host application.

### Install TWAIN Driver

Please insert the attached **TWAIN** Driver Installation CD into CD-ROM drive and execute the Setup.exe. You will see the following dialog box:

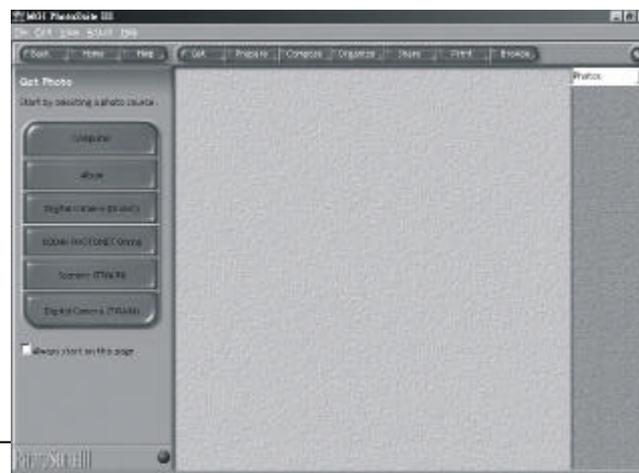


You can push the **START** button to install the TWAIN driver. Or it will begin the installation automatically after 10 seconds.

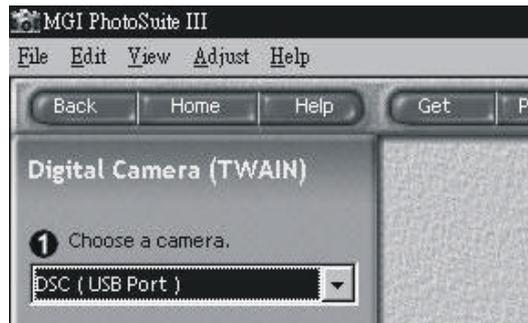
### **Transferring images to your computer**

The following illustration provides an overview of the TWAIN Interface to download photographs from your camera to your computer. We use MGI PhotoSuite III as our TWAIN compliant image processing application.

1. Execute the TWAIN compliant image processing application : MGI PhotoSuite III.
2. Select TWAIN Source.

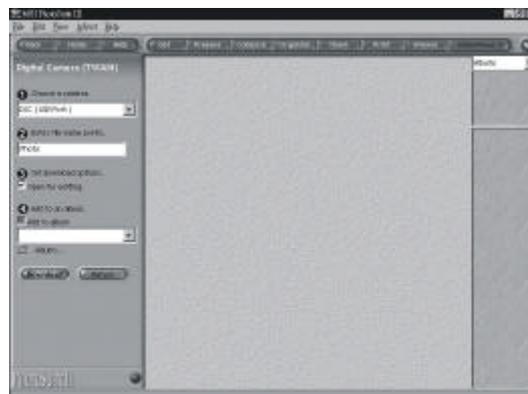


### 3. Choose DSC [USB Port]

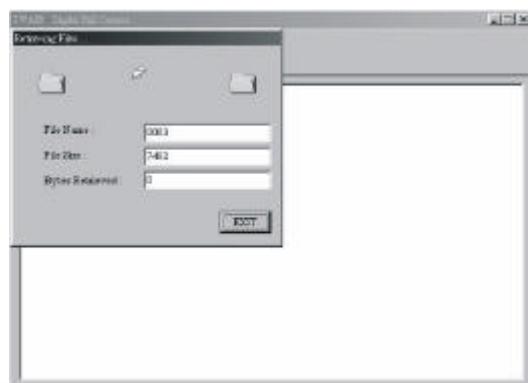


Note : You need to select the Source just one time ( Step 2 and step 3) after you install the TWAIN Driver.

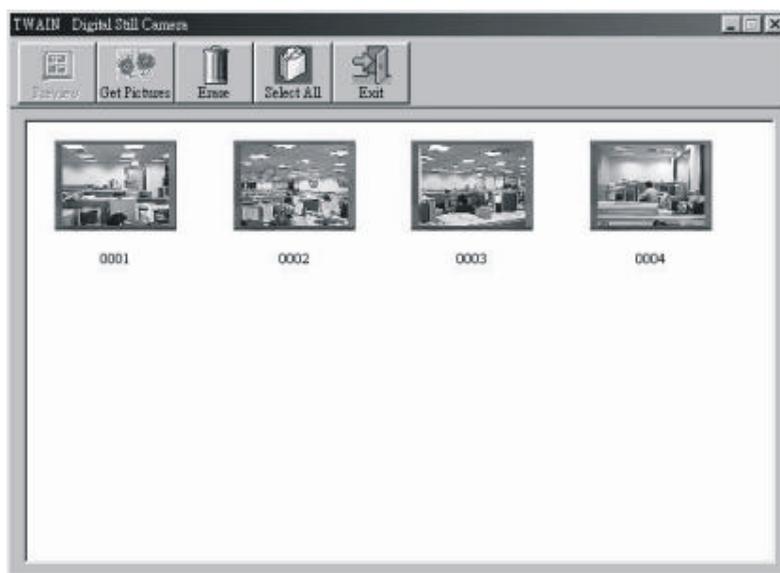
### 4. Acquire : Push \*Download\* button.



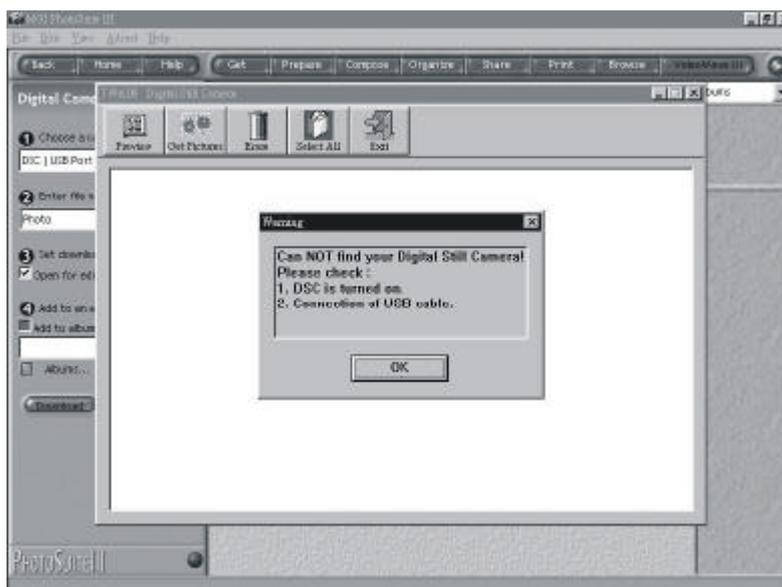
### 4.1 Retrieving thumbnail(Connection Port Auto Detect.)



4.2 Thumbnail: After acquire, you will get the thumbnails of your pictures.



5. If do NOT Connect to the DSC : Please check and then push the \* Preview \* button to try again.

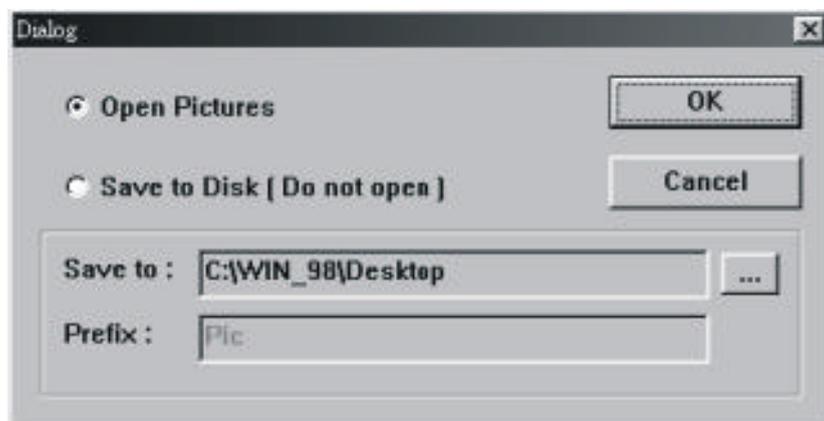


6. GET Pictures : Please select the picture you want, and then click \* get pictures \*.

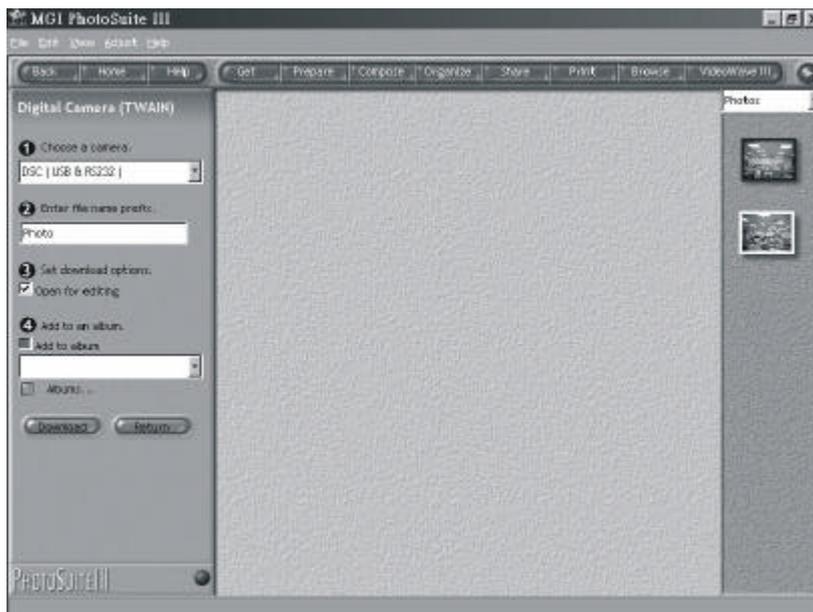


### 6.1 Open pictures

If you want to view the full-size picture before saving it to disk, select the „Open Pictures“

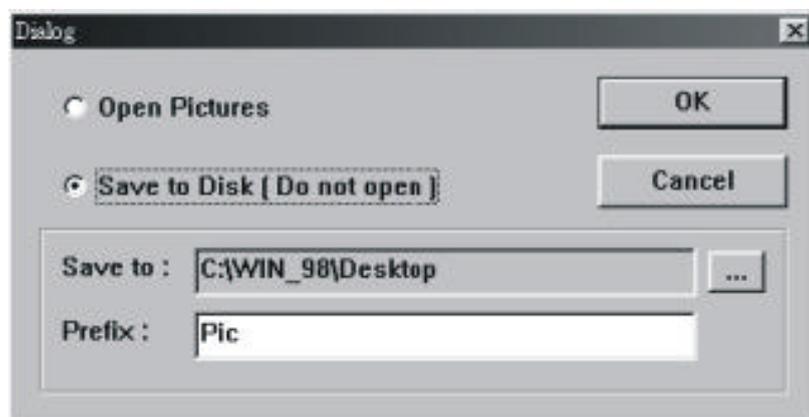


6.2 After you pressed the „OK“ button, the full-size picture will be retrieved and the thumbnail window will be closed.

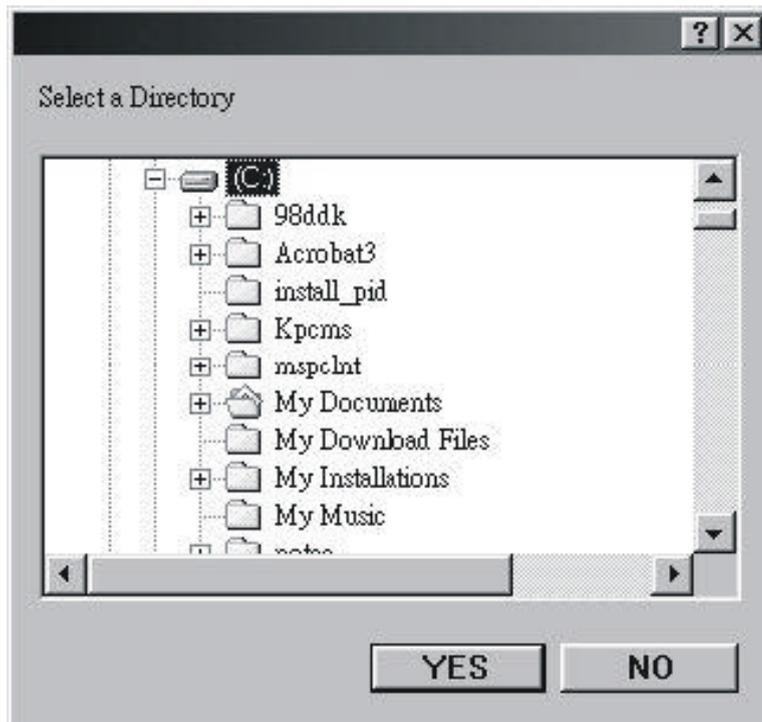


### 6.3 Save to disk [Do not open]

If you want to save the pictures to disk directly, please select the \*Save to Disk [Do not open]\*.

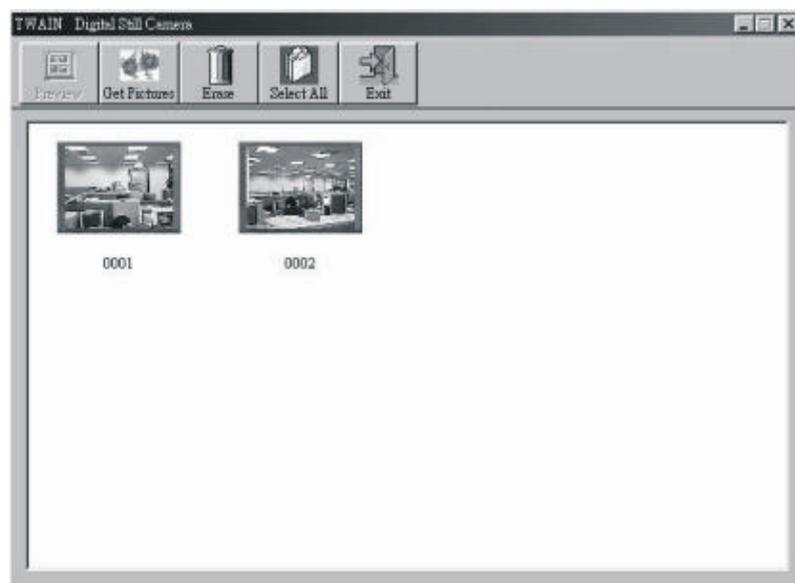


You can select your favor directory to save the pictures, just pushing the browse button \*\*\*.



The prefix will become the first part of the pictures\* filenames. For example, if you select pictures 0001, 0003 and 0010 to save to disk, and the prefix is \*Pic\*. Then the pictures\* filenames will be Pic0001.jpg, Pic0003.jpg and Pic0010.jpg. A special case is that if there is a file named Pic0001.jpg in the directory already, the new downloaded picture 0001 will be saved as Pic0001-1.jpg, automatically.

7. Erasing pictures: Select the pictures you want to erase and click on the „ERASE“ button.



Note: The \*ERASE Picture\* function may take more than one minute. Please wait for a while.

## 7. DSC Specifications

Image Devices	1/3*-CCD w/800k pixels
Resolution	1280x960 pixels, 1024x768 pixels.
Color depth	24 bits true color
Auto Exposure	Yes
Exposure/Iris	
Control-ISO Rating	100
White Balance	Auto
Shutter speed	1/30 ~ 1/1000
Flash	Build-in Flash light
Self Timer	10 secs
Lens	Fix; f=6.6mm (equivalent to a 47mm lens on a 35mm camera)
Focus Range	Macro:8.6*(22-25cm) Normal:51.2''~infinity(130cm~infinity)
Aperture	F=2.8
Format	JPEG
Recording Media	Removable SSFDC*2M
Image Capacity	1280x960,1024x768:15 images at 2M
Delete Picture	Yes (ALL/Select)
Battery	2*AA Alkaline Battery
Interface	USB
Dimension(W*H*D)mm	80mm(W)*84mm(H)*32mm(D)
Weight(without battery)	around 190g

**Subject to technical change without notice**

## **8. Cautions and Troubleshooting:**

### **Cautions:**

Do not use socket that is in excess of the voltage range of the AC adapter specified for the camera to prevent from fire or electrical shock.

Do not use other extension cord to connecting the adapter, and do not use excessive force to pull or twist the adapter cord.

Before pulling out or connecting the cord, please turn off the power first.

After use, please turn off the camera, and pull out the AC adapter from the socket.

Avoid heavy force on the power cord and keep away from heat to ensure the safe use of the cord.

Remove the batteries if the camera will not be used for long period of time.

### **Troubleshooting:**

If your camera can not work properly, please refer to the procedures below to check step by step. If the problems can not be solved, please send it to the dealer for repair.

LCD Display Panel Messages	Measures to be taken
No. display in the LCD	1. Please check if the positive and negative polarity is set correctly. 2. Please check if batteries are drained.
Wrong image showed	Batteries become weak, please prepare new batteries for replacement.
Mark is blinking and power automatically cuts off after 5 seconds.	Batteries are too low to run the camera, please replace with new batteries.
Mark shown	Batteries become weak, please prepare new batteries for replacement.
? Mark is blinking	There is no memory card inserted, please insert it.
? *FULL* is shown	Memory card is full, please delete the images stored, or replace another new memory card.
? *E1* is shown	1. The data in the memory card might be out of order. Please use *ERASE ALL* to format the memory card, and try again. 2. If *E1* still be seen, it might be memory card damaged. Please replace a new one and try again.
*E2* is shown	Memory card protected, please remove the tag on the memory c

