

Digital Camera

100K Pixels

User Manual

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1. Introduction

Congratulations on receipt of your Digital Camera 100K Pixels 3-in-1. It's a fun camera that requires no film and you can take pictures, shoot movie clips and use it as a webcam. The pictures are stored on a memory chip.

In brief the Digital Camera 100K Pixels can be used to:

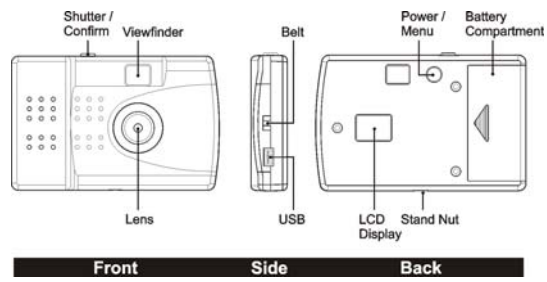
- Take photos and view them on your PC
- Shoot up to 12 seconds of movie clip (using the computer software supplied)
- Transfer photos/movie clip to your PC to edit, enhance and manipulate them
- E-mail fun photos/movie clips to your family and friends
- Act as a webcam

Note:

This camera is good for both indoor and outdoor use. Ensure sufficient light, as under low light levels the picture quality may be poor.

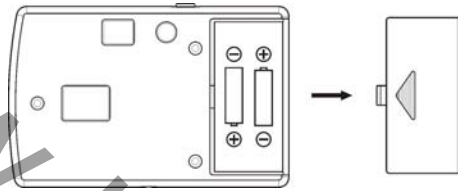
- 2. Camera Features**
- LCD display
 - 10 second self-timer
 - Movie clip function to record up to 12 seconds of movie.
 - Continuous shooting for movie clip
 - Delete all pictures
 - Auto power off to conserve battery
 - Two resolution modes – High (Hi) and Low (Lo). High resolution allows up to 18 pictures to be taken and Low resolution allows up to 72 pictures.
 - Fixed focus, 0.5m to infinity
 - USB cable supplied
 - CD-ROM with ArcSoft Photo Impression4, ArcSoft video Impression2, My DSC2 and PCCAM software, to edit, manipulate and enhance pictures and movie clips.

Digital Camera 100K Pixels



3. Battery Requirements

Before using your Digital Camera remove the battery cover and insert two AAA Alkaline batteries, following the polarity indications. Press the function button (next to the LCD display) and the camera turns on to its default setting. Note, the camera automatically beeps and turns off if not used within 30 seconds. Repress the function button and it will turn back on.



1. **Number of Photos** → 00

When set in HI mode, the number of photos that can be taken is 18. Each time the shutter button is pressed a photo is taken and this number increases by 1 until FULL is displayed.

2. Power off → of

When of displays, press shutter button to power off it.

3. **Self-timer** → St

To select the 10 second self-timer, press the function button until St is displayed in the LCD. Then press the shutter button and the timer counts down 10 seconds and takes the shot automatically

4. **Movie Function** → dB

Captures the pictures in movie clip mode as an AVI (movie) file. When dB is displayed in the LCD, Holding the shutter button the movie is being taken until you release it. Note, during movie clip mode, low light levels may cause poor exposure.

Continuous shooting → CS

When CS is displayed in the LCD, press the shutter button once and shots are taken 3 times in a row.

6. **Delete all Photos** → CR

Press the function button until **CA** is displayed in the LCD. Then press the shutter button twice within 5 seconds, to delete all photos stored in the memory.

Note, if you do not press the shutter button within 5 seconds, the delete option will be cancelled.

7. Delete last → **CL**

Press the function button until **CL** on the LCD display, then press the shutter button once within 5 seconds to delete last photo stored in the memory.

8. High Resolution/Low Resolution → HI(LO)

When the function button is initially pressed, the LCD displays **HI**, this is the default resolution. The resolution governs how much detail is captured in each picture. The better resolution (**HI**) allows 18 pictures while the lower resolution allows 76 pictures. To change to **LO**, press the function button until **Lo** is displayed in the LCD, then press the shutter button.

9. Enable/disable compression → Ld(Hd)

Compression also controls the picture quality and enables the user to take more photos as detailed in the following table.

Possible number of pictures in different modes

HI + Ld	HI +Hd*	Lo + Ld	Lo+ Hd
18	60	72	160

• Default best quality setting

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- Though the pictures are taken more than 99, the LCD can only display 99.

10. 50/60 the frequency of power

The frequency of power 50HZ is set as default. Set it according to the country where you are. And the flicker effect on the image will be eliminated.

5. Computer Requirements

1. Windows 98, ME, 2000, XP.
2. Pentium 200MHz or faster.
3. 64MB of RAM.
4. Video (VGA) card with 2MB of RAM for minimum 16bit (high colour) display.
5. CD-ROM drive.
6. USB port.
7. 600 MB of free hard drive space
8. Optional: Windows compatible sound board, microphone and speaker.

If you have any questions regarding your system specifications please contact your PC supplier.

6. Software Installation

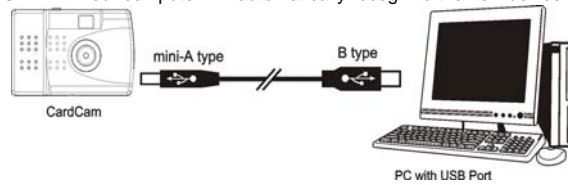
Installing the Digital Camera 100K Pixels software onto your computer.

1. Do not connect the USB cable to your computer until the application software and the driver installation is complete.
2. Put the CD-ROM supplied with your camera into the CD-ROM drive of your computer. Install the CD driver according to instruction in the screen.
2. Follow the steps on your screen and accept all defaults, to install the software. Then select "Yes" to restart Windows.

Connecting the Digital Camera to the Computer's USB Port.

Once you have taken some photos you will want to download them to your computer.

1. Connect the USB cable (small end) to your camera as illustrated below.
2. Connect the USB cable (large end) to your computer's USB port as illustrated below.
3. Your computer will automatically recognize the new device.



7. Download images

To get images

There are two methods to get images, one is download pictures from My DSC icon in MY DSC2 folder, the other is download from Photo Impression 4.

Method 1.

Open My DSC2 folder on desktop, then double click My DSC2 icon and you will find My DSC windows appears, click download button and photos will be transferred from digital camera to computer. Select the pictures by left click, then right click to open it and click the save button To save desired photos!



Remark: To preview the video file you took. Select the video file by left click, and save them to the proper position and double click the saved file to run video file

Method 2.

1. Run the Photo Impression 4



Click "Get Photo" in the up left
Select "Dual-Mode Disc (2770)" in The Select Source

Click the Acquire from the manual bar to run the download.
Download Program manual

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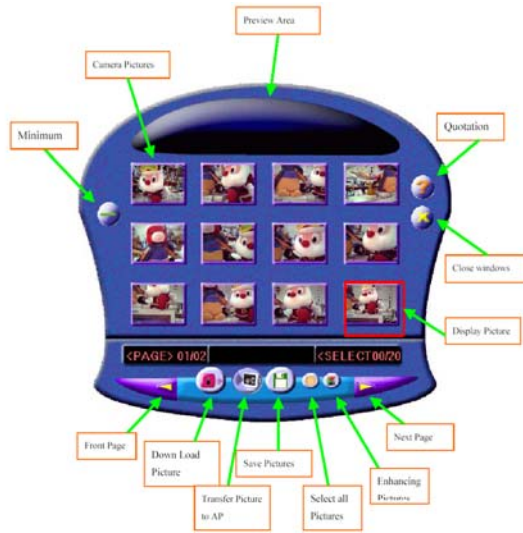


Download Picture
Button

Press the "Download " button



3. Select desired photos



Then the pictures will be transferred to the download programs and then you can select your desired photos or all photos and click Transfer button to application software and then you can do editing or manage photos
 With easy and fun AP.

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8. Using as a PC/Web Camera

The webcam allows you to broadcast moving images over the Internet. When your camera is connected to the USB port it can be used as a PC/Web camera.

Select the folder "My DSC2". There should be three files in this folder called: My DSC, PCCam .

1. Go to [CAPTURE] and click on the [Start Capture]
2. Please click yes to start recording the movie.
[Stop capture] when you want to stop it.
If you want to save the file, please click on [File] [Save capture video as]
3. Note that file you saved is AVI file* and you can view the image by using Windows Media Player or movie player software.

*Note: AVI (Audio Video Interleave) is a format defined by Microsoft for storing audio/video data. It is very popular on the Windows platform

TO USE AS A WEB CAM

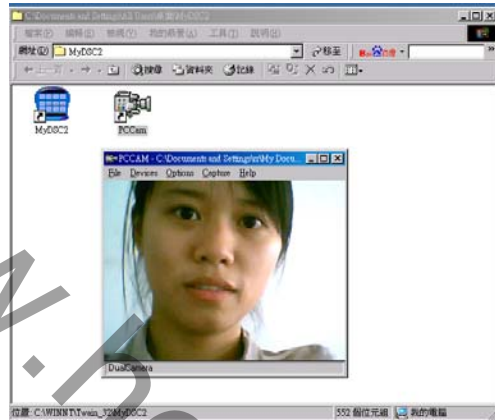
Go to [Options] [Preview]

If you have a MSN Messenger or Yahoo account, you can have a video conference face to face Online.

To get single picture

Go to [Capture] [Snap one Image]

1. The snapped photo will be shown on your screen. Click on Save to save photo to folder.
2. Note that Image file can be viewed by Windows provided software or other image software.



9. Maintenance

- Operating Environment: 5 - 40°C (41 – 104°F). 20-85% relative humidity, non-condensing

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Special Care Guidelines:

- Never immerse the camera in liquid. Remove any dust or stains with a soft cloth dampened with water or mild detergent. Keep the camera in a cool dry dust-free environment or container when not in use.
- Remove the battery if the camera is not being used for a long period of time. (Download photos in memory first).
- Be careful not to drop the camera on a hard surface as this may damage it.

10. Camera Specifications

1. Sensor type: 1/7" color CIF (352x288 pixels) CMOS Image sensor
2. Image resolution:
High: 352 x 288 PIXELS
Low: 176 x 144 PIXELS
3. Lens: F2.5 (46.5 deg)
4. Memory device: built-in 1x16Mb (SD RAM)
5. Memory capacity:
High: 18 Compression mode: 60 pictures
Low: 72 Compression mode: 160 pictures
6. Self-timer: 10 second delay
7. Shutter speed: 1/6-1/5000 seconds
8. Image process: Automatic exposure, automatic white balance
9. Power save in 30 seconds.
10. Power source: 2 x AAA 1.5V Alkaline batteries
11. Transmission interface: USB Interface
12. Working temperature: 5-40°C.

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13. Focusing distance: 0.5m in to infinity
14. Minimum luminosity: 300 Lux or above
15. Dimensions: Height 88mm, Width 56mm
Depth 15mm. (Excluding, Lens and viewfinder)
Net weight: 42 gm (excluding battery)
16. Operating system: Windows 98/2000/ME/XP
17. Software: ArcSoft photo Impression4, Arcsoft video Impression 2, PCCam, My DSC2.

11. Additional Driver Installation Instructions

As described in section 7, only follow the instructions below if the Acquire button is disabled or the Dual Mode DSC (2770) item is not in the select box.

Windows 98

Close all applications.

Go to Control Panel then System then 'Device Manager' then 'Imaging Device'.

Double click 'Dual Mode DSC (2770)' then single click the Driver Tab then 'Update Driver' then 'Next' then 'Next' again.

Only tick the CD-Rom drive box. Single click 'Next' and follow the on-screen prompts.

Windows will now search for a driver and may prompt you for the Windows 98 CD which you then need to insert. Single click 'Next' and 'Finish'.

Windows ME

Close all applications.

Go to Control Panel then System then Device Manager then Imaging Device.

Double click 'Dual Mode DSC (2770)' then single click the Driver Tab then Update Driver then 'Next', then 'Finish'.

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Close the 'Dual Mode DSC (2770)' properties box and close the system properties box.

Windows XP

Close all applications.

Go to Control Panel, double click 'System' and select 'Hardware'.

Single click 'Device Manager' and double click 'Imaging Devices'.

Right click on 'Dual Mode DSC (2770)' and single click 'Update Driver'.

Select 'Install from a list or a specific location' then click 'Next'.

Select 'Don't search, I will choose the driver to install'.

Click 'Next' then highlight 'Dual Mode DSC (2770)' and click 'Next' then 'Finish'.

Windows 2000

Close all applications.

Go to Control Panel, double click 'System' and select 'Hardware'.

Single click 'Device Manager' and double click 'Imaging Devices'.

Double click on 'Dual Mode DSC (2770)' and single click on the Driver tab, then click 'Update Driver', then 'Next'.

Select 'Display a list of the known drivers for this device so that I can choose a specific driver' then click 'Next'.

Highlight 'Dual Mode DSC (2770)' and click 'Next' and 'Next' again.

Respond to the 'Digital signature not found' message by clicking 'Yes'.

Click 'Finish', then 'Close'. Close Device Manager and System Properties.

(V2.0)