

# CONCORD

## 3.1 MEGAPIXELS

# *User's Guide*



[www.concord-camera.com](http://www.concord-camera.com)

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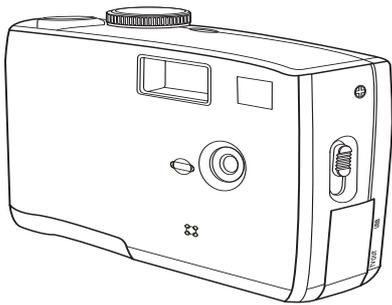
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# 1 Getting Started

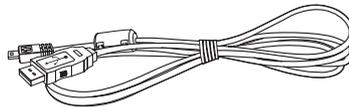
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## Package Contents

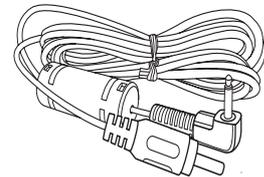
Contact your dealer immediately if any of the items listed below are missing or damaged.



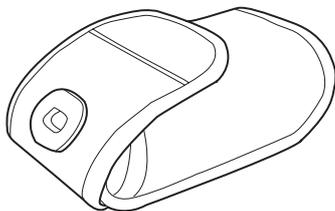
**Camera**



**USB cable**



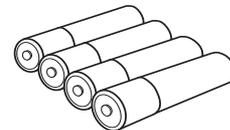
**TV out cable**



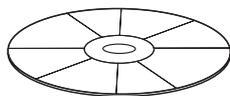
**Soft case**



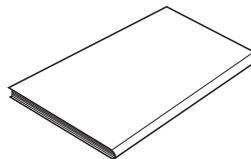
**Strap**



**4x AAA batteries**



**Software Installation  
CD-ROM**



**Quick Start Guide**

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# System Requirements

### Windows:

- PC with processor better than MMX Pentium 266 MHz
- Windows XP/2000/ME/98SE/98
- 128Mbytes of RAM, at least 100Mbytes free hard disk
- USB port
- CD-ROM drive
- 1024 x 768 display with 24-bit color (true color)

Specifications are subject to change without prior notice.

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# Safety Information

- Do not try to open the case of the camera or attempt to modify this camera in any way. High-voltage internal components create the risk of electric shock when exposed. Maintenance and repairs should be carried out by authorized service providers.
- Do not fire the flash too close to people or animal's eyes, especially for young children. Eye damage may be caused.
- Keep the camera away from water and other liquids. Do not use the camera with wet hands. Never use the camera in the rain or snow. Moisture creates the danger of fire and electric shock.
- Keep the camera and its accessories out of the reach of children and animals to prevent accidents or damage to the camera.
- If you notice smoke or a strange odor coming from the camera, turn the power off immediately and unplug the AC adapter from the power outlet. Take the camera to the nearest authorized service center for repair. Never attempt to repair the camera on your own.

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# FCC Compliance and Advisory

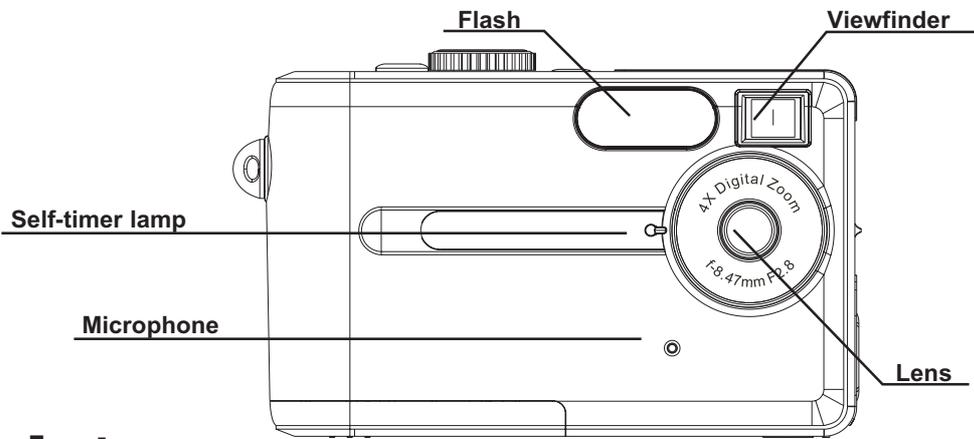
This device complies with Part 15 of the FF Rules. Operation is subject to the following two conditions: 1.) this device may not cause harmful interference, and 2.) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B peripheral, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause a harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

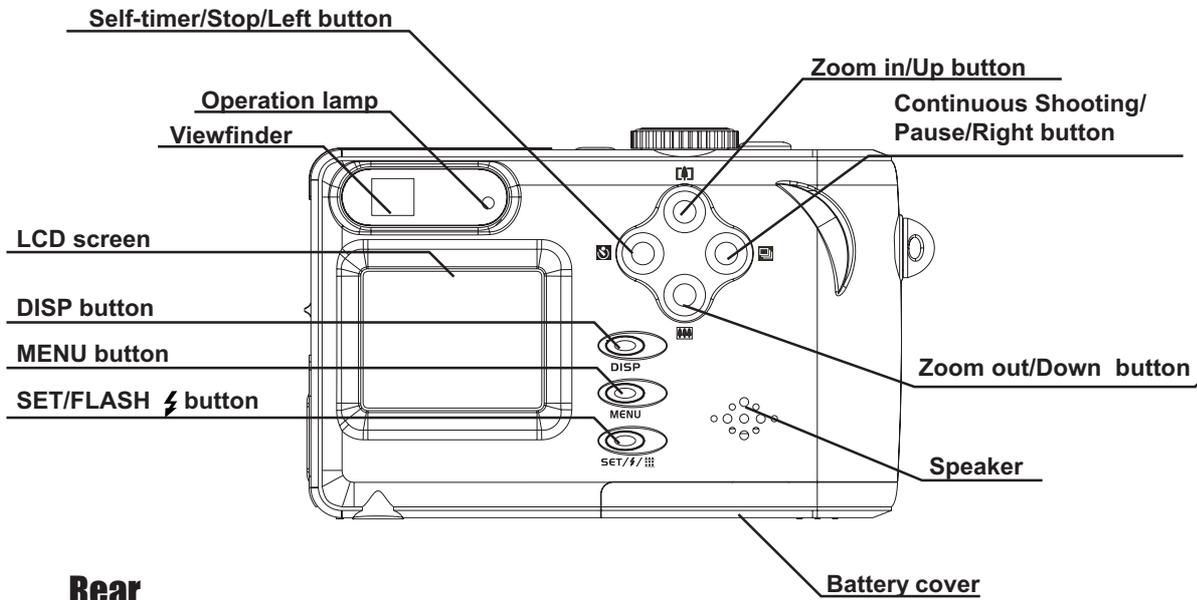
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation.

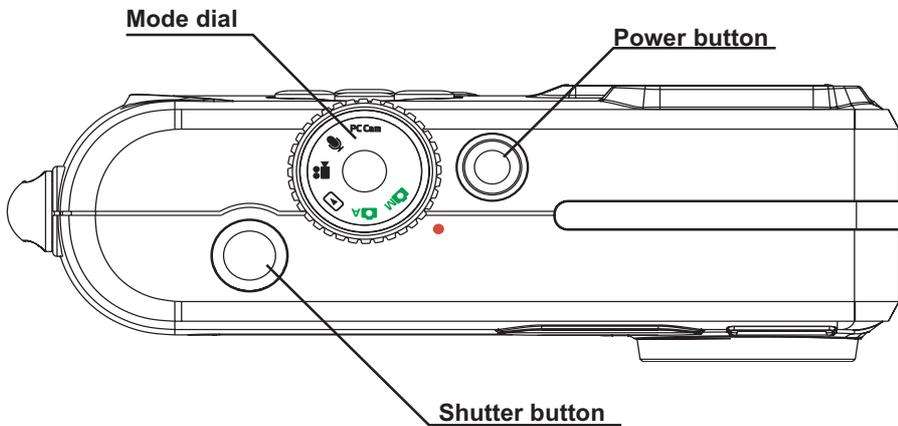
# Camera Components



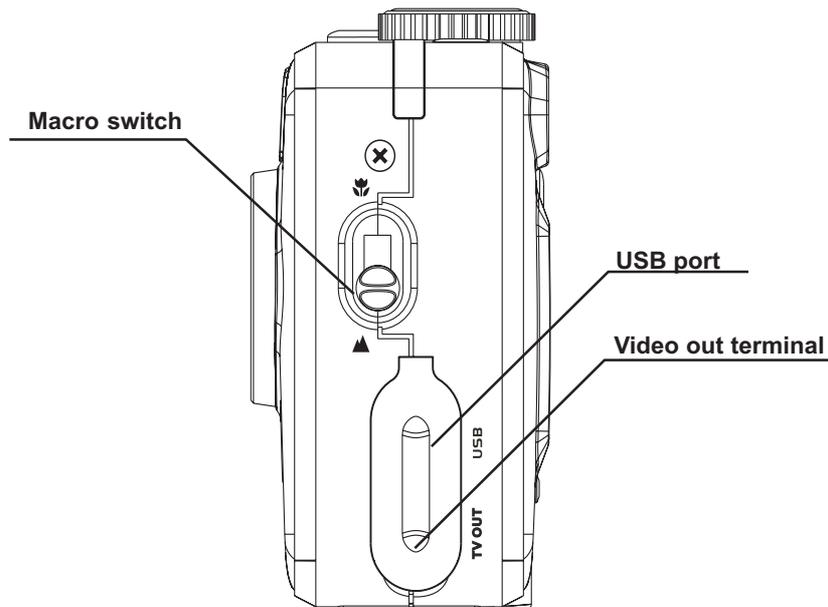
**Front**



**Rear**



**Top**



**Side**

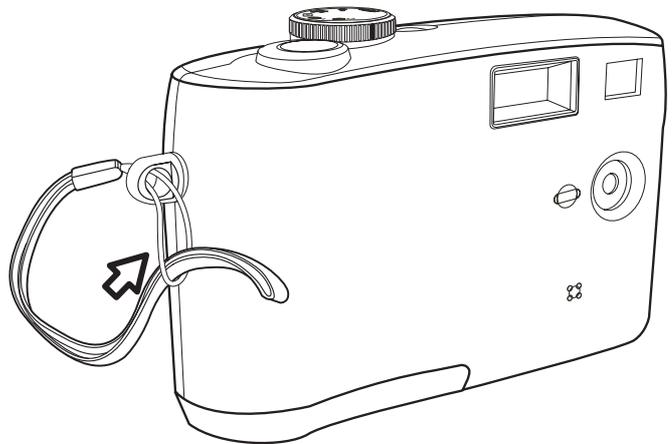
## Using the Included Accessories

### Attaching the Wrist Strap

The illustration shows how to attach the wrist strap to your camera.

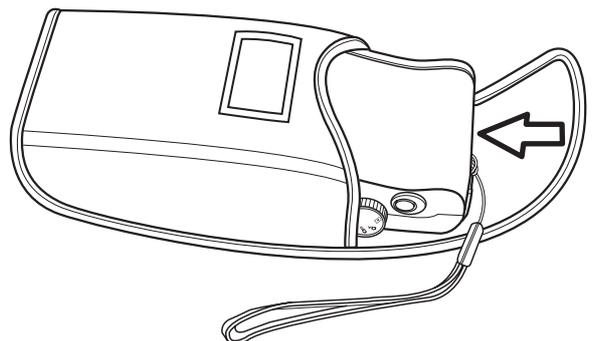
**NOTE:**

Don't swing the camera when carrying it by the wrist strap.



### Using the Soft Case

- Store the camera in the included soft case when not in use.
- Slide the camera in the case with the LCD screen facing down as illustrated.



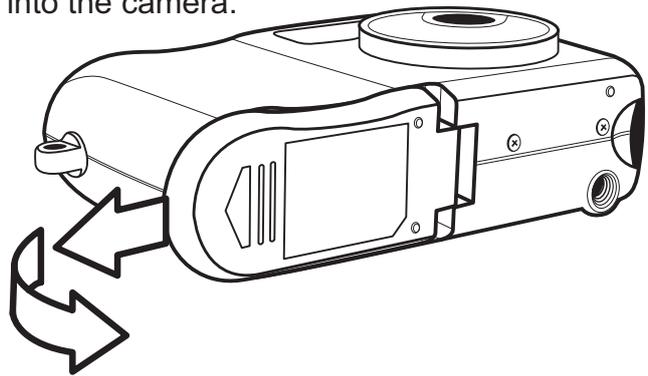
# 2 Preparing to Take Pictures

## Installing the Batteries

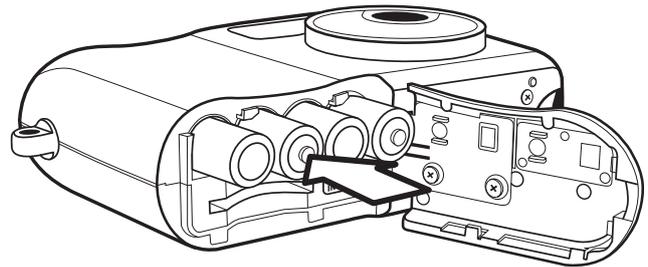
The camera is powered by four AAA-size alkaline batteries or rechargeable Ni-MH (min. 550 mAh / 1.2 V ) batteries.

Follow these instructions to insert batteries into the camera.

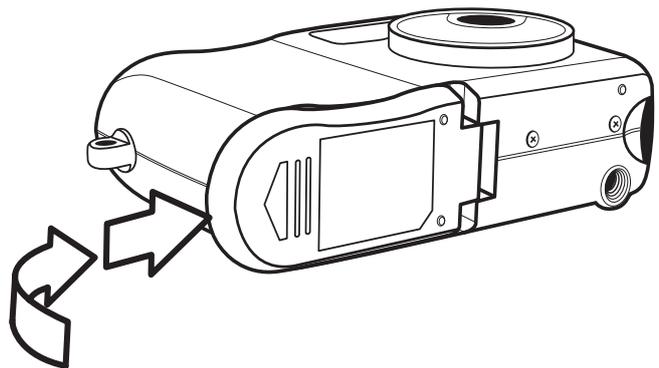
- 1 Slide open the battery cover.



- 2 Insert four AAA-size alkaline batteries with the positive (+) and negative (-) poles matching the directions indicated inside the battery cover.



- 3 Slide the battery cover back into the closed position.



## Low Battery Indicator

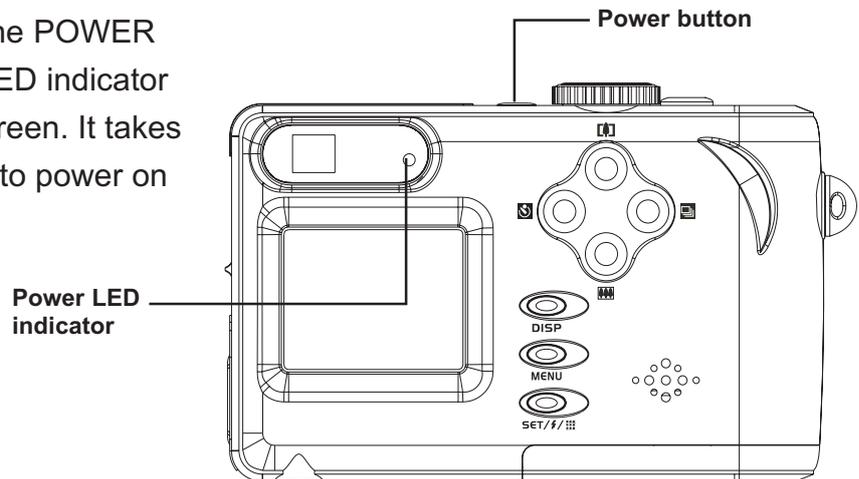
The low battery indicator  appears on the LCD monitor when the batteries near depletion. Change the batteries when the low battery indicator appears.

### NOTES:

- Do not use manganese batteries. Manganese batteries cannot supply sufficient power to support camera operation.
- Replace all batteries at the same time. Never mix old and new batteries.
- Remove batteries from the camera if you do not plan on using it for more than two weeks.
- The camera body will feel warm after extended use. This is normal.

## Turning the Power On

Press and hold the POWER button until the LED indicator begins flashing green. It takes about 3 seconds to power on the camera.



### NOTE:

Set the date and time after turning on the camera for the first time.

### Setting the Date and Time

- 1 Turn the Mode Dial to any function except PLAY or PC Cam.
- 2 Press the MENU button.
- 3 Press the Right button until the SETTINGS icon (  ) is highlighted.
- 4 Press the **Up** or **Down** button to highlight the DATE & TIME item.
- 5 Press the **SET** button to enter the DATE & TIME submenu.
- 6 Press the **Up** and **Down** buttons to change the number in the highlighted position.  
**Note:** The displayed order of adjusting date is fixed to year, month and day no matter what Date Style is selected.
- 7 Press the **Right** and **Left** buttons to select year, month, day and time.
- 8 Repeat step 6 and 7 until the desired date and time is set.
9. Press the SET button to confirm the setting.
10. Press the MENU button to exit the MENU.



### Changing the Date Style

1. In the SETTING menu, press the Up or Down button to highlight the DATE STYLE item.
2. Press the SET button to enter its submenu.
3. Press the UP and Down buttons to highlight the desired date format: yyyy/mm/dd, mm/dd/yyyy or dd/mm/yyyy.
4. Press the SET button to confirm the selection.
5. Press the MENU button to exit the menu.

## Setting the Beep Sound

The camera “beep” sound can be turned on or off in the mode menus.

- 1 Turn the Mode dial to any function except PLAY or PC Cam.
- 2 Press the MENU button.
- 3 Press the Right button until the SETTINGS icon (  ) is highlighted.
- 4 Press the Up and Down button to highlight the BEEP item.
- 5 Press the SET button to enter the BEEP submenu.
- 6 Press the Up or Down button to set the beep ON or OFF.
- 7 Press SET to save the BEEP setting.
8. Press the MENU button to exit the menu.



**NOTE:**

The default BEEP setting is ON.

## Camera LCD Off Setting (Power Saving)

In order to conserve battery power, you may set the different time length for the LCD off.

- 1 Turn the Mode dial to any function except PLAY or PC Cam.
- 2 Press the MENU button.
- 3 Press the Right button until the SETTINGS icon (  ) is highlighted.
- 4 Press the Up or Down button to select the POWER SAVING item.
- 5 Press the SET button to enter the POWER SAVING submenu.
- 6 Press the Up or Down button to set the POWER SAVING:  
1 Min, 2 Min, or OFF.
- 7 Press SET to save the POWER SAVING setting.
8. Press the MENU button to exit the menu.



**NOTE:**

1. The LCD will turn off automatically based on the time you set, press any button to turn on the LCD.
2. The camera will power off automatically after one minute of LCD off, press the Power button to turn on the camera.

### TV Out Signal Set-Up

The camera can be connected to a TV as described in Chapter 6, “Making Connections”. Connecting to a TV allows you to preview photos and video clips on the television screen.

The TV output signal should be set to either NTSC or PAL depending on your region and the type of television you have. The default camera setting varies according to the country of purchase.

**NTSC:** U.S.A., Canada, Taiwan, Japan, etc.

**PAL:** Europe, Asia (excluding Taiwan), etc.

- 1 Turn the Mode dial to any function except PLAY or PC Cam.
- 2 Press the MENU button.
- 3 Press the Right button until the SETTINGS icon (🔧) is highlighted.
- 4 Press the Up or Down button to select the VIDEO SYSTEM item.
- 5 Press the SET button to enter the VIDEO SYSTEM submenu.
- 6 Press the Up or Down button to select NTSC or PAL.
- 7 Press the SET button save the setting.
- 8 Press the MENU button to exit the menu.



### Setting the Language

The camera can display menus and other information in a number of different languages. The language can be changed in the mode menus.

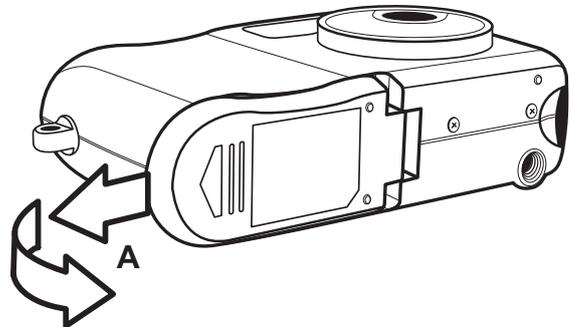
- 1 Turn the Mode dial to any function except PLAY or PC Cam.
- 2 Press the MENU button.
- 3 Press the Right button until the SETTINGS icon (🔧) is highlighted.
- 4 Press the Up or Down button to select the LANGUAGE item.
- 5 Press the SET button to enter the LANGUAGE submenu.
- 6 Press the up or down buttons to select the desired language.
- 7 Press the SET button to save the setting.
- 8 Press the MENU button to exit the menu.



## Using a Memory Card

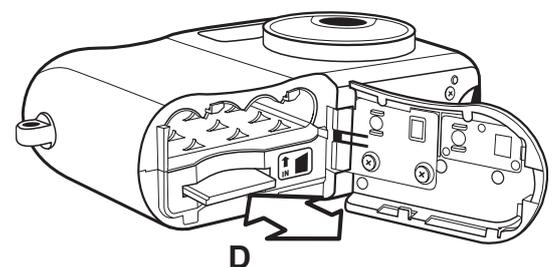
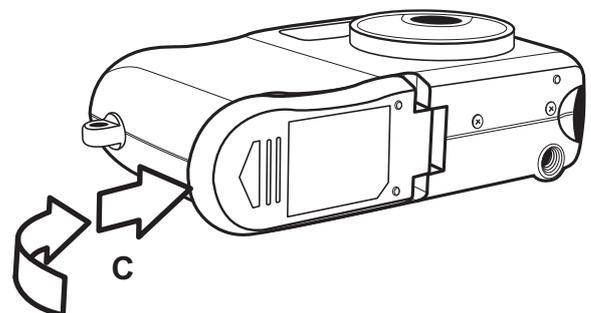
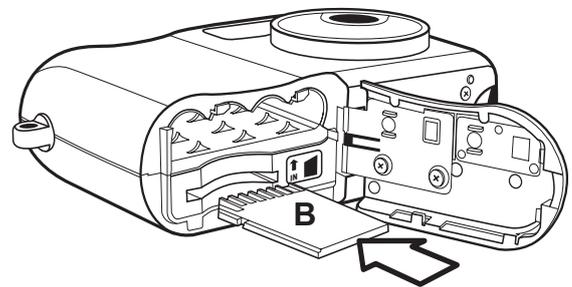
### Inserting an SD memory card

- 1 Slide open the battery cover (A).  
The card slot is located next to the battery compartment.
- 2 Slide the SD card into the slot in the direction illustrated (B).
- 3 Close the battery cover (C).

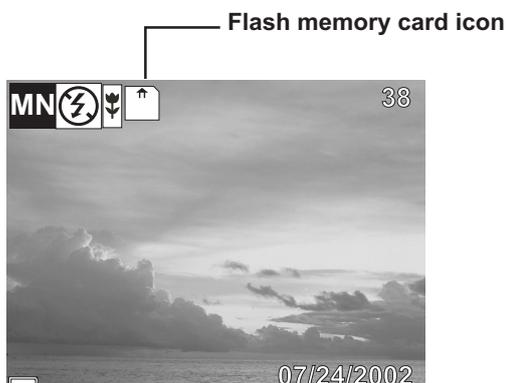


### Removing an SD memory card

- 1 Slide open the battery cover (A).
- 2 Gently press the SD card toward the camera and release it. The SD card ejects part way out of the slot (D).
- 3 Hold the card and pull it out of the slot.
- 4 Close the battery cover (C).



When a memory card is inserted, an icon appears in the LCD.



**NOTE:**

After inserting a memory card, the files to be created will be saved in the memory card, but the files already created before inserting a memory card will still remain in the internal memory.

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# Setting the Camera Mode

Turn the Mode dial at the top of the camera to change the camera's function mode. The camera has 6 modes to choose from as described below.

### Auto Photo Mode



In auto photo mode, the camera automatically adjusts exposure and white balance to suit the shooting environment.

### Manual Photo Mode



Manual photo mode lets you set exposure and white balance settings before taking a photo.

### Playback Mode



In playback mode you can review, erase, and protect photos and video clips.

### Video Mode



The camera can record video clips with audio in video mode. White balance cannot be set before recording a video clip.

### Audio Recording Mode



The camera can record audio in audio mode, enabling you to take voice memos anywhere, anytime.

### PC Cam Mode



PC Cam mode enables you to use your camera for real time video when connected to a PC. Use PC Cam mode for teleconferencing, or video chatting.

#### NOTE:

When the camera is connected to a computer with the included USB cable, the camera acts as a mass storage device regardless of the mode dial setting.

# 3 Taking Pictures

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## Previewing a Picture

Preview photos on the LCD screen before pressing the Shutter button.

- 1 Turn the Mode dial to Auto A or Manual M mode.
- 2 Press POWER to turn on the camera.
- 3 The LED indicator next to the viewfinder flashes green.
- 4 The image automatically appears on the LCD screen together with information about current camera settings.

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## Setting the LCD Display Mode

Use the DISP Button to toggle the LCD mode. The LCD mode changes each time the button is pressed as follows:

- 1 Press DISP once to turn the on-screen information display (OSD) off.
- 2 In Auto, Manual, Video and Audio Modes, press DISP once to turn the OSD off, twice to turn the LCD off, and once again to turn the LCD and OSD on.
- 3 Press DISP again to turn the image-only OSD on.



**OSD Mode:** the image and on-screen information OSD are shown on the LCD screen



**Image Only Mode:** the OSD information does not appear on the LCD screen

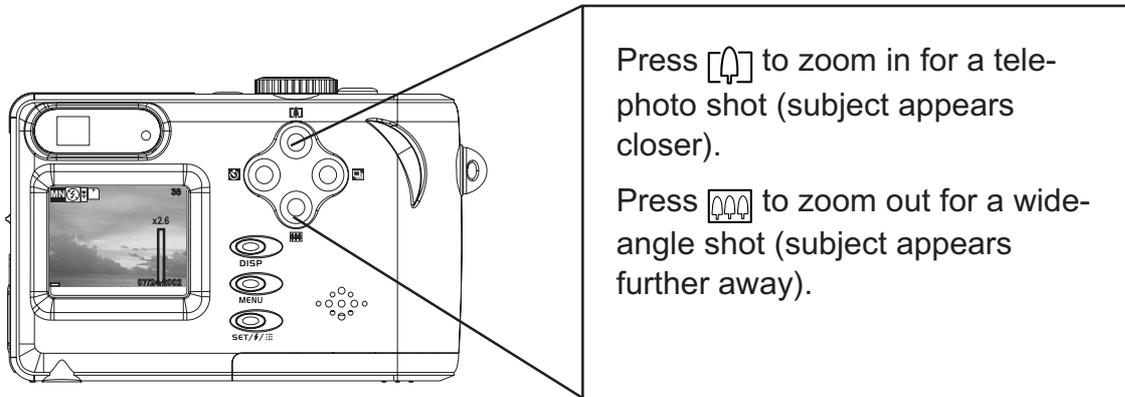
### Note:

- To save the battery power, you may turn off the LCD display.
- In the Playback (  ) Mode, only OSD Mode and Image Only Mode are available.

## Using the Zoom Feature



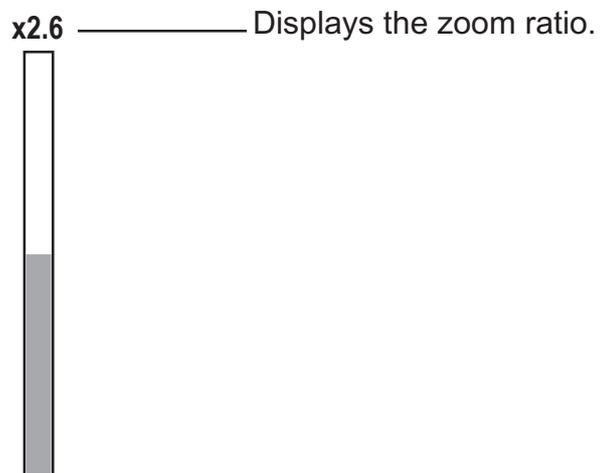
The digital camera is equipped with digital zoom capabilities that allow you to zoom in on a subject for a telephoto shot, or zoom out for a wide-angle shot.



Digital zoom works by enlarging the center portion of an image through a software interpolation process. The digital zoom is used to achieve magnification levels up to 4X.

**NOTE:**  
The digital zoom does not work in video mode.

In Auto **A** or Manual **M** mode, press to display the zoom bar. Press to zoom in on the subject. Press to zoom out from the subject.  
To turn the zoom off, keep pressing .



## Using the Auto and Manual Photography Modes

The digital camera offers two photography modes: Auto  and Manual .

**Auto Photo Mode** is the simplest to operate and is recommended for beginners. Photos in Auto mode are captured by pressing the shutter button and letting the digital camera adjust settings to match lighting conditions, focus range, and other environmental factors automatically.

**Manual Photo Mode** allows users to manually adjust camera settings such as exposure and white balance, allowing skilled users to fine-tune settings to suit conditions, and to achieve a variety of special photographic effects.

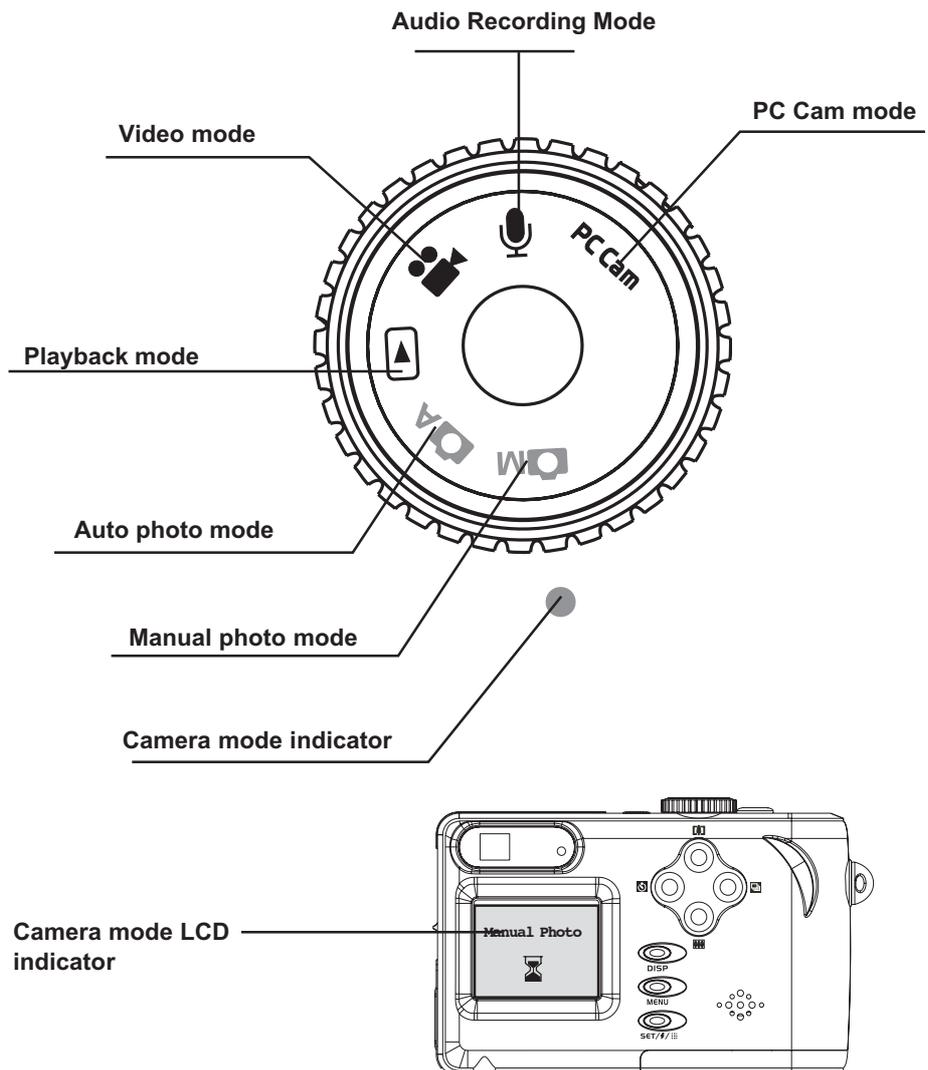
If an SD card is not inserted in the camera, photos are stored on the camera's internal memory. When an SD card is inserted, the camera reads and writes to the SD card, not to the internal memory. Remove the SD card to access the camera's internal memory.

### Using the Mode Dial

Turn the mode dial at the top of the camera to change the camera's working mode at any time.

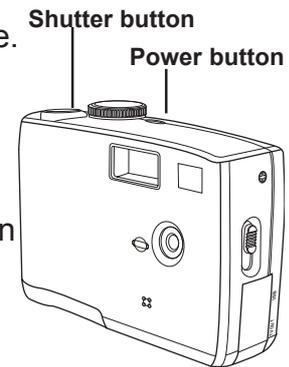
Align the desired mode with the camera mode indicator (red dot) next to the Mode Dial.

When selecting a mode, the LCD briefly displays a blue screen indicating which mode the camera is in.



### Taking pictures At Distant Mode

- 1 Turn the Mode dial to Auto  **A** or Manual  **M** mode.
- 2 Press POWER to turn the camera on.
3. Slide the Macro Mode Switch to (  ), located on the side of the camera.
- 4 Capture the photo by pressing the Shutter button down until the camera beeps. The photo is captured and stored on the camera's internal memory, or on the SD card if inserted.



#### NOTES:

- When the shutter button is pressed half way down, check the exposure value that appears on the LCD screen to make sure it is appropriate for the current light conditions.
- The beep does not sound if the beep setting is turned off in the SETTING menu.

## Setting the Image Quality and Size

### How to set Image Size

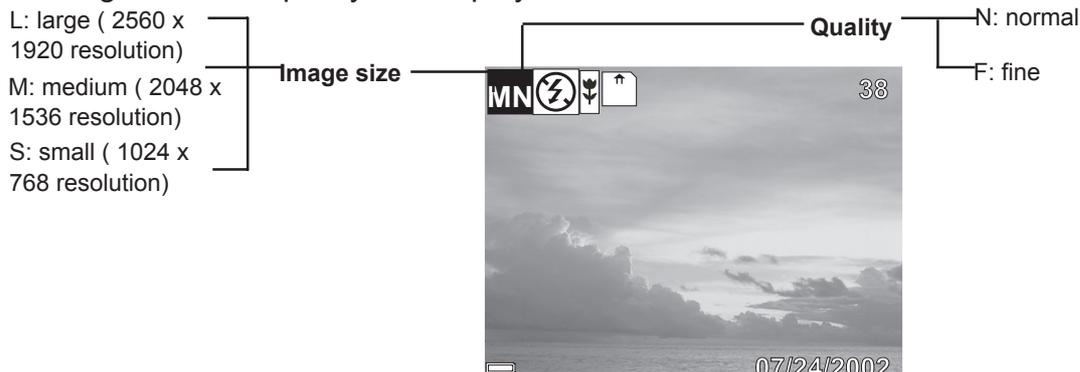
- 1 Turn the Mode dial to Auto  or Manual  mode.
- 2 Press MENU.
- 3 Press the Right button until the SETTINGS icon (  ) is highlighted.
- 4 Press the Up or Down button to select the IMAGE SIZE item.
- 5 Press the SET button to enter the IMAGE SIZE submenu.
- 6 Press the Up or Down button to select the desired image size:
  - 2560 x 1920 (L - large)
  - 2048 x 1536 (M - medium)
  - 1024 x 768 (S - small)
7. Press the SET button to save the setting.
8. Press the MENU button to exit the menu.



### How to set Image Quality

1. In the SETTING menu, press the Up or Down button to select the QUALITY item.
2. Press the SET button to enter its submenu.
3. Press the Up or Down button to select the desired image quality.
  - NORMAL
  - FINE
4. Press the SET button to save the setting.
5. Press the MENU button to exit the menu.

The image size and quality are displayed in the LCD.

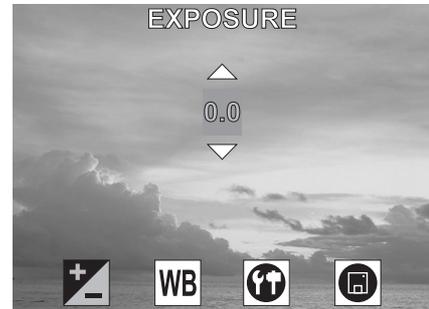


## Adjusting the Exposure



Set the exposure value (EV value) manually to compensate for certain lighting conditions including: backlighting, indirect indoor lighting, and dark backgrounds.

- 1 Turn the Mode dial to Manual mode.
- 2 Press the MENU button.
- 3 Press the Up or Down button to change the exposure value: - 2.0 ~ 2.0
- 4 Press SET to save your settings and exit the MENU.



## Setting the White Balance



Adjust the white balance to match different light sources such as the sun, and tungsten (incandescent) or fluorescent lighting.

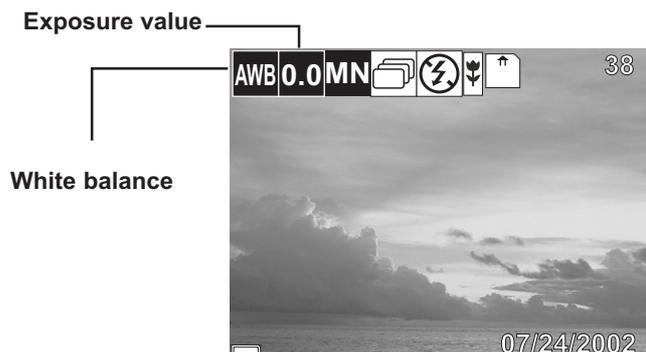
- 1 Turn the Mode dial to Manual mode.
- 2 Press the MENU button.
- 3 Press the right button to select the WHITE BALANCE menu.
- 4 Press the up or down buttons to change the white balance:



- **AWB** Auto white balance, adjusts automatically for ambient lighting. When the camera is set to Auto , this item is set and you cannot adjust the white balance.
- Daylight, adjusts for bright sun conditions
- Shade, adjusts for cloudy days or twilight conditions
- Tungsten, adjusts for normal indoor lighting conditions
- Fluorescent, adjusts to fluorescent lighting.

- 5 Press SET to save your settings and exit the MENU.

Only in Manual ( ) mode, the white balance icon and exposure value will appear on the LCD.



## Setting the Flash

Pressing the FLASH ⚡ button cycles through the flash modes.

The flash can be used in Auto A and Manual M photography modes, but not in Video  mode. The flash mode icons appear in the LCD.

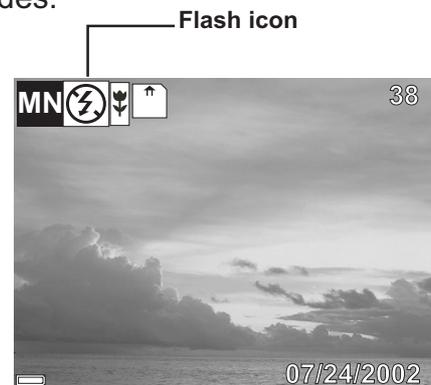
The following list describes each flash mode.

 **Auto Flash:** the camera detects ambient lighting conditions, and the flash fires if it detects insufficient light.

 **Always on:** the flash fires regardless of ambient lighting conditions.

 **Off:** the flash is off.

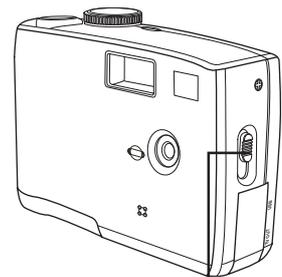
**Note:** Flash is deactivated in the both Macro mode and Continuous Shot mode.



## Taking Pictures in Macro Mode (Close-Up Shooting)

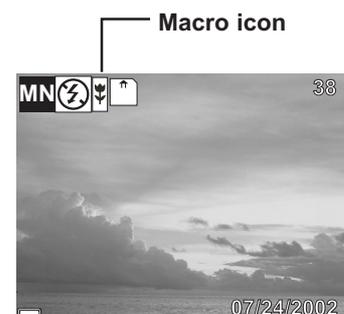
This mode enables picture taking in close distances.

1. Turn the Mode Dial to Auto (A) or Manual (M) mode.
2. Slide the Macro Switch to . The Macro icon () will appear on the LCD.
3. Frame the subject in the LCD.
  - The best shooting range is from 20 cm (0.7 ft) at the maximum wide angle (zoomed out) setting, and from 16 cm (0.5 ft) at the maximum telephoto (zoomed in) setting.



### NOTES:

- Distance is referred to measure the distance between the camera lens surface and the subject.
- The flash will be deactivated in Marco mode.



## Taking Pictures

### Taking Pictures With Self-Timer

Use the self-timer to set a delay between the time the shutter button is pressed and the time the image is captured.

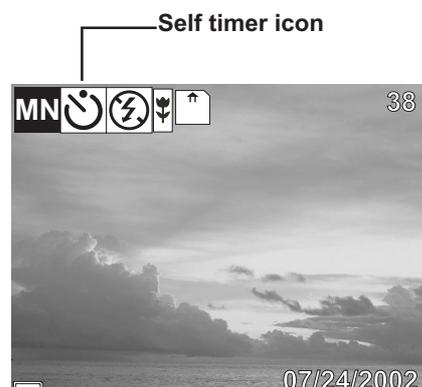
1. Turn the Mode Dial to Auto (📷A) or Manual (📷M) Mode.
2. Press the Self-Timer button (🕒), and the Self-Timer icon (🕒) will appear on the LCD.
3. Place the camera on a flat surface or tripod.
4. Use the LCD to compose the picture, and then press the Shutter button to activate the Self-Timer.
  - The Self-Timer Lamp will blink until the image is captured.

### Change the Self-Timer delay

The Self-Timer delay is set to 10 seconds by default. You may change the Self-Timer delay ranging from 2 seconds to 10 seconds through the following steps.

1. Turn the Mode dial to Auto 📷A or Manual 📷M mode.
2. Press MENU.
3. Press the Right or Left button until the SETTING icon (⚙️) is highlighted.
4. Press the Up or Down button to select the SELF TIMER item.
5. Press the SET button to enter the SELF TIMER submenu.
6. Press the Up or Down button to select the desired self timer delay: 2 ~ 10 seconds.
7. Press the SET button save the setting.
8. Press the MENU button to exit the menu.

**NOTE:** Press 🕒 to cancel the self-timer at any time.



### Taking Continuous Pictures

This feature enables the camera to capture a continuous series of picture while the Shutter button is pressed down.

1. Turn the Mode Dial to Auto (📷A) or Manual (📷M) Mode.
2. Press the Continuous Shot (📷) Button. The Continuous Shot icon (📷) will appear on the LCD.
3. Press the Shutter Button to capture the pictures.

#### Note:

- The LCD will be blank when the images are taken in the Continuous Shot Mode.
- The camera will take 5 pictures in a row when the Shutter Button is pressed.
- Flash will be deactivated in the Continuous Shot Mode.

## Recording Video Clips

The digital camera can record video clips with audio.

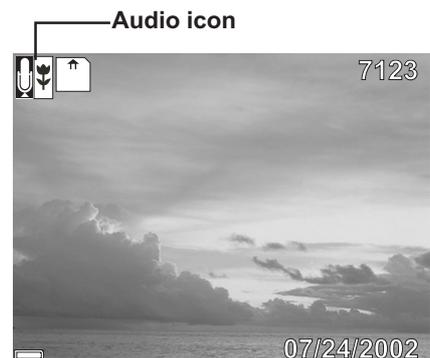
- 1 Turn the Mode dial to Video  mode. The video icon appears in the LCD.
- 2 Press the shutter button to start recording.
  - The recording time will display on the LCD.
  - The Operation Lamp will blink during video recording.
- 3 Press the shutter button again to stop the recording.
- 4 The camera stops recording automatically when the memory capacity has been reached.
  - Macro shooting is available in the Video Mode.



## Recording Audio Clips

The digital camera can record audio clips, making it a useful tool for taking voice memos.

- 1 Turn the Mode dial to Audio  mode. The audio icon appears in the LCD.
- 2 Press the shutter button to start recording audio.
  - The recording time will display on the LCD.
  - The Operation Lamp will blink during video recording.
- 3 Press the shutter button again to stop recording audio.
- 4 The camera stops recording automatically when the memory capacity has been reached.



### NOTES:

- In Video mode, the resolution is set to 320x240 pixels. Video resolution cannot be changed.
- The Flash, Zoom, Self-Timer, Continuous Shot and the adjust of Exposure and White Balance are deactivated in the Video Mode. For more information as to what functions are available in the Video Mode, see page 22.
- Be careful not to touch the microphone while recording audio or video.
- The maximum length of an individual video or audio clip depends on the amount of available memory. Use a higher capacity SD card to record longer clips.
- Video or audio recording stops automatically when memory is full.

## Functions Available in Each Camera Mode



Function	Mode	Auto	Manual	Video
EXPOSURE 	Exposure Value: -2.0 to +2.0	×	○	×
WHITE BALANCE 	AUTO	×	○	×
	DAYLIGHT	×	○	×
	SHADE	×	○	×
	TUNGSTEN	×	○	×
	FLUORESCENT	×	○	×
RESOLUTION 	2560 x 1920	○	○	×
	2048 x 1536	○	○	×
	1024 x 768	○	○	×
COMPRESSION (QUALITY) 	NORMAL	○	○	×
	FINE	○	○	×
FLASH 	AUTO	○	○	×
	ON	○	○	×
	OFF	○	○	×
MACRO FOCUS		○	○	○
SELF-TIMER		○	○	×
CONTINUOUS SHOT		○	○	×
ZOOM		○	○	×

○ Available    × Not available

# 4 Reviewing Photos & Video and Audio Clips

## Viewing Pictures and Listening to Audio



View photos and video clips, and listen to audio clips that are stored in the camera's memory (internal or SD card) on the LCD screen when the camera is in Playback mode.

- 1 Turn the Mode dial to Playback  mode. The last recorded image, video clip, or audio clip appears on the LCD screen. The total number of files and the file sequence number is displayed at the bottom right corner of the LCD.
- 2 Press the Left and Right button to scroll through the files.



1/2  
100V2210  
Total number  
Sequence number

### NOTES:

- An audio clip is represented by the image to the right.
- Only the image information can be turned off or on by pressing the DISP button.
- When an audio or video clip is selected, it plays automatically. To control video and audio clip playback, press the right button to pause playback; press the left button to stop playback.
- After a video clip plays to the end of the file, the first frame appears on the LCD screen.

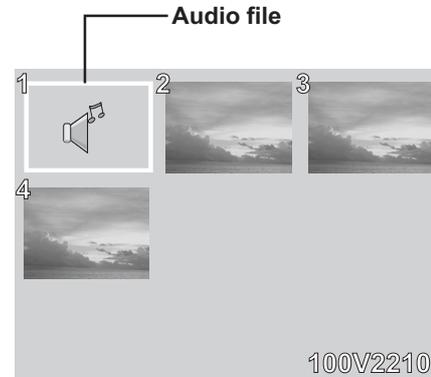


## Viewing Pictures in Thumbnail Mode



The THUMBNAIL  function allows you to view up to nine images at a time on the LCD screen.

- 1 Turn the Mode dial to Playback  mode.  
The last recorded photo or video clip appears on the LCD screen.
- 2 Press the THUMBNAIL () Button to view thumbnail images.
- 3 The image that was being viewed is shown in thumbnail view.
- 4 Use the left and right buttons to select an image. Selected images are highlighted.
- 5 Press the THUMBNAIL () Button to display the selected image in full screen size.



## Zooming the Displayed Image

Magnify a image in Playback mode by zooming in on it from 1.0X to 4.0X.

- 1 Turn the Mode dial to Playback  mode.
- 2 Press the up button to magnify the image.
- 3 Press the down button to zoom out to the original full-sized image.
- 4 Press the right or left arrows to scroll to another image. The selected zoom factor remains the same.

When an image is zoomed in Playback mode, a scale indicator appears on the right side of the LCD screen. The zoom factor is also shown.



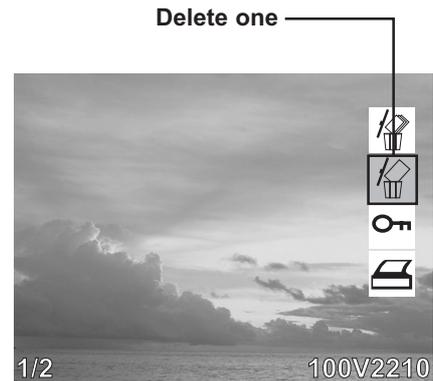
## Erasing Files from Memory



Erase photos, video clips, and audio clips that you don't want to keep to make more memory available for new files. You can erase individual files or all files when the camera is in Playback  mode.

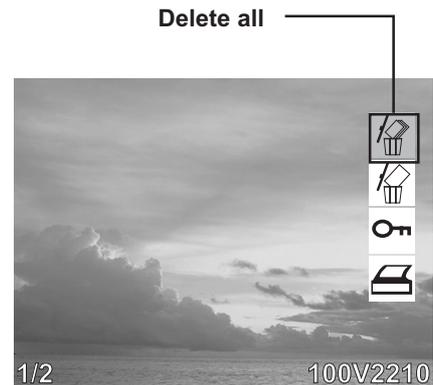
### Deleting a Single File

- 1 Turn the Mode dial to Playback  mode.
- 2 Press the left and right buttons to select the file you want to delete.
- 3 Press MENU to display the toolbar.
- 4 Press the down button to select DELETE ONE .
- 5 Press SET to delete the file.



### Deleting All Unprotected Files

- 1 Turn the Mode dial to Playback  mode.
- 2 Press the left and right buttons to select the file you want to delete.
- 3 Press MENU to display the toolbar.  
DELETE ALL  is selected.
- 4 Press SET to delete the files. A message appears prompting you to confirm deletion of the files. To confirm the deletion, press the SET Button, and all the files will be deleted. To cancel the deletion, press the MENU Button, no file will be deleted.



If all files (photos and video clips) are erased, the message "NO IMAGE" appears on the LCD screen.



#### NOTES:

- Files that are erased cannot be recovered. Make sure you have selected the images you want to erase.
- Files that have been protected (see the following section) cannot be erased even if "Erase All" is selected.

## Protecting Photos and Video Clips

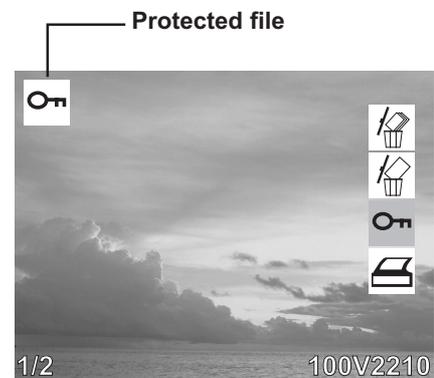
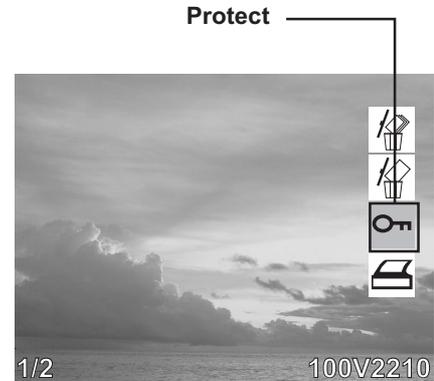


Individual files can be protected (locked) or unprotected (unlocked). Protect any photos or video clips that you want to keep to ensure that they are not accidentally erased.

- 1 Turn the Mode dial to Playback mode.
- 2 Press the left and right buttons to select the file you want to protect.
- 3 Press MENU to display the toolbar.
- 4 Press the down button to select PROTECT .
- 5 Press SET to protect the file.

**NOTE:**

The protect icon appears on the LCD display for all protected files.



## Removing Protection

If a file is protected, follow steps 1 to 4 above and press SET again to remove protection. The icon does not appear when unprotected images are viewed on the LCD screen.

## Using a Memory Card



When you insert a flash memory card into the digital camera, new images, videos, and audio files are automatically saved to the card. A digital camera icon appears in the LCD screen.

## Formatting Internal or SD Card Memory

To format the memory may repair the corrupted internal or SD card memory, or make the SD card valid with the camera. However, this action will erase all the files in the memory or the SD card.

- 1 Turn the Mode dial to any mode but PC Cam or Audio mode.
- 2 Press MENU.
- 3 Press the Right Button until FORMAT icon (  ) is highlighted.
- 4 Press the down button to select YES.
- 5 Press the SET button. The card is formatted and a “Waiting” message appears on the screen.

When the card has finished formatting, you are returned to the LCD preview screen.

### NOTE:

Formatting memory permanently erases the contents of memory. Photos and video clips cannot be recovered from memory after formatting. Transfer any files that you want to keep to a computer before formatting memory.



# 5 File Names & Printing

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## Folder Names

The digital camera automatically creates a directory of folders in the internal memory or SD card that it uses to organize photos, video clips, and other information.

**Folder Example:**

100C3045

Serial Number

- i. Folder numbers start from 100.
- ii. Each folder holds up to 999 files. If a photo is taken when the folder with highest folder number contains a picture file number equal to or greater than 0999, the camera creates a new folder by adding one to the current folder number. For example, if the current folder is “100C3045”, the new folder is named “101C3045”).
- iii. The maximum folder number is 999.
- iv. If the highest folder number is 999 and highest file number exceeds 0999, the camera will display the warning message “FILE NUMBER OVER”.
- v. If “FILE NUMBER OVER” appears, follow one of the two methods below:
  - a) Format the memory. The folder number and file number are initialized and renumbered from 100 and 0001 respectively.
  - b) Plug in a new memory card.

## File Names

The camera automatically assigns a file name to each photo and video clip captured. File names start with “DSCI” and are followed by a four-digit number that increases in sequence.

**File Example:**

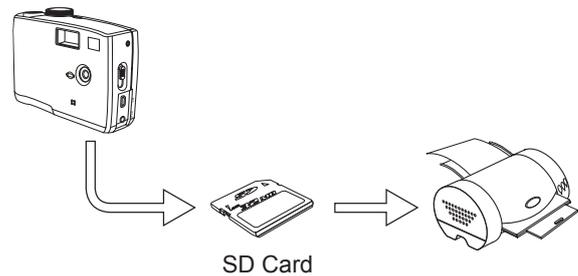
**DSCI0001.JPG**

Extension File Name  
Serial Number

- i. Each folder can hold up to 999 pictures. If a photo is taken when the current folder contains a file numbered 0999, the DSC creates a new folder and stores the new image in the new folder.
- ii. File numbering starts from 0001 when a new folder is created.

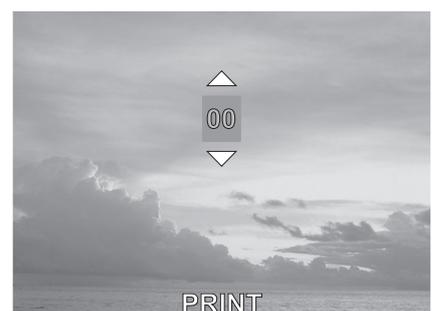
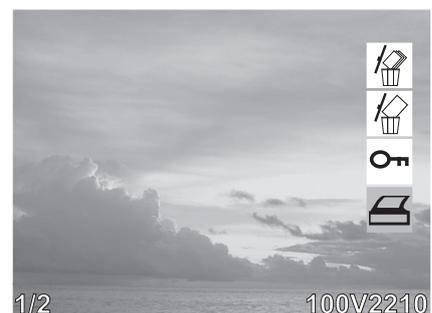
## DPOF Print Settings

The Digital Print Order Format (DPOF) settings allow you to select photos stored on an SD card that you want to print. You can also set the number of copies to print. This function is convenient when used with a printer or commercial printing service that supports DPOF printing.



### Print Order Setting

- 1 Turn the Mode dial to Playback  mode.
- 2 Press the left and right buttons to select the file you want to print.
- 3 Press MENU to display the toolbar.
- 4 Press the down button to select DPOF printing.
- 5 Press SET to print the file. You are prompted to select the number of prints.
- 6 Press the up and down buttons to select the number of prints and then press SET to print the images.

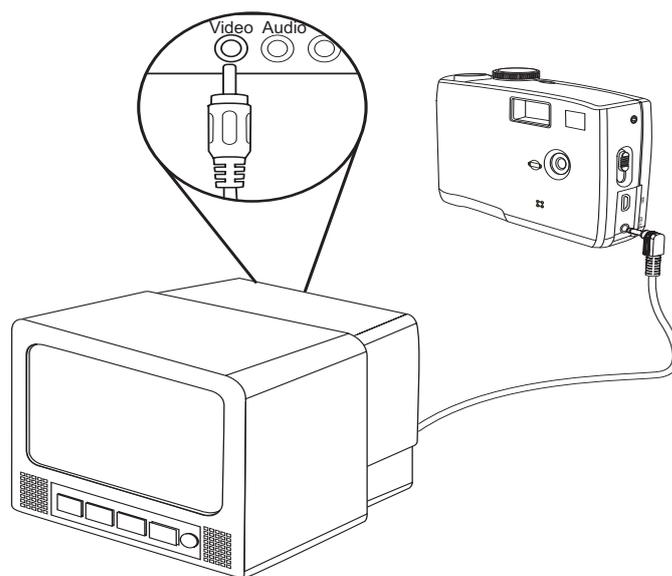


# 6 Making Connections

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## Viewing Images on a TV

Images displayed on the camera's monitor screen can also be displayed on a television screen.



- 1 Use the included audio/video cable to connect the camera to the TV set as illustrated above.
- 2 Set the TV input signal to Video In. Refer to the documentation included with your TV for more information.
- 3 Everything that would normally appear on the camera's LCD screen, such as photo and video clip playback and image or video capture, appears on the TV.

**NOTE:**

The camera LCD screen turns off automatically during video output.

---

## Selecting the Video Output Signal Mode

The digital camera supports both NTSC (used in U.S.A., Japan, and other countries) and PAL (used in Europe and other areas) video signal systems. See page 10 for information on setting the camera's video system to match your region.

## Downloading Images to a Computer

There are two ways to download files from the camera's internal memory or SD card to a computer:

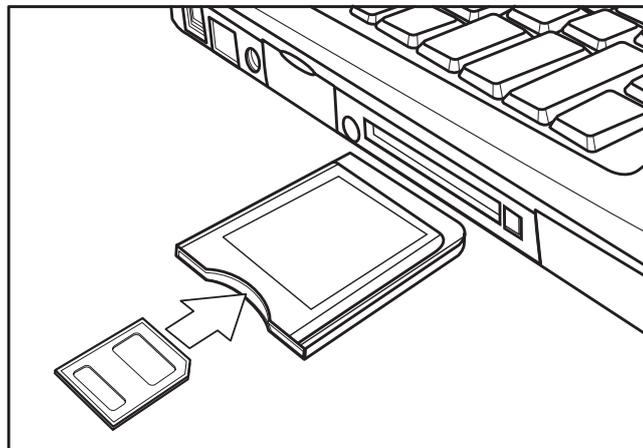
- by inserting the SD card into a flash memory card reader
- by connecting the camera to a computer using the included USB cable

### Using a Flash Memory Card Reader

1. Eject the SD card from the camera and insert it in an SD card reader that is connected to a computer.

**NOTE:**

If you are using a PC card reader with a notebook computer, first insert the SD card into the PC card adapter (optional), and then insert the PC card adapter into the computer's PC card slot.



Using an SD card reader connecting to a notebook computer

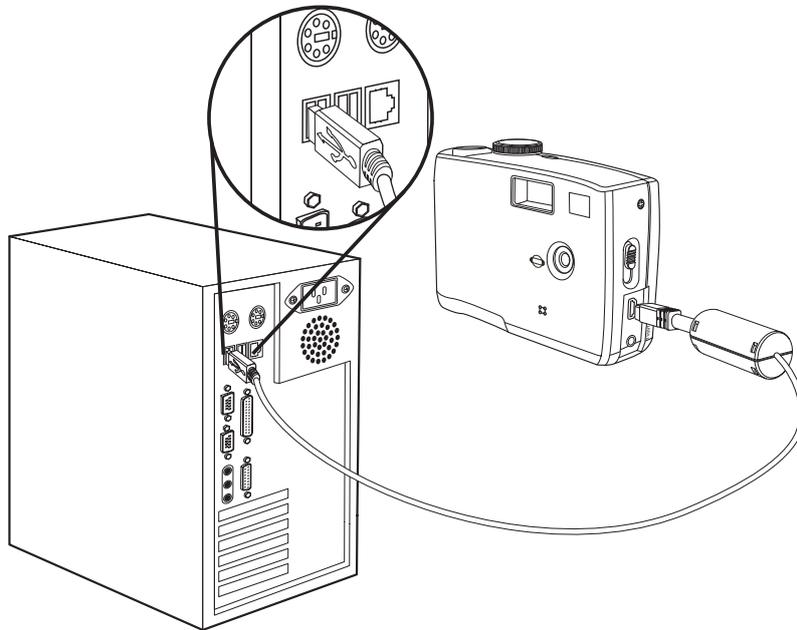
2. Open My Computer or Windows Explorer and double-click the removable drive icon that represents the SD card.
3. Copy images from the card into a directory of your choice on the computer's hard disk.

## Making Connections

### Connecting the Camera to a Computer with a USB Cable

Note: Do not connect the camera to the computer before the camera driver installation is completed.

- 1 Install the USB software driver included with the bundled CD-ROM.
- 2 Turn the Mode Dial to any modes except the PC Cam Mode.



- 3 Connect the supplied USB cable to the computer's USB port

#### NOTES:

- You don't have to turn off the computer or camera when making this connection.
- Refer to your computer's manual for information regarding the USB port location.

- 4 Turn on the camera.
- 5 The camera will automatically turn on. Mass Storage is displayed on the LCD.

#### NOTES:

- The camera will turn off automatically if the USB cable is disconnected.
- Windows 98/98SE: If this is the first time the camera has been connected to the computer, Windows detects the camera as an "Unknown device" and automatically completes the required software installation.

- 6 Open My Computer or Windows Explorer. A “Removable Disk” appears in the drive list.
- 7 Double-click the “Removable Disk” icon to view its contents.
- 8 Files stored on the camera are located in the folder named “DCIM”.

---

## **Understanding Camera Memory and Storage**

### **Internal Memory**

The digital camera is equipped with internal memory. If an SD card is not installed in the camera, all photos and video clips recorded by the camera will be stored in the internal memory. If an SD card is installed, photos and video clips are stored on the SD card.

### **Optional SD Memory Card**

Photos, video clips, and other information recorded by the camera is stored on the SD card using the Design rule for Camera File system (DCF) protocol. The DCF protocol is designed to accommodate file and data exchange between digital cameras and other devices.

### **DCF Protocol**

The DCF protocol defines the format for image file data as well as the directory structure for the memory card. Photos that are taken by a DCF camera can be viewed on DCF-compatible cameras from other manufacturers.

---

## **Using the Camera in PC-Cam Mode**

When connected to a PC using the USB cable, your camera can function as a PC camera, enabling others to view you over the Internet using chat and messaging software such as MSN Messenger.

### **Setting Up PC-Cam Mode**

1. Connect your camera to your PC with the USB cable as described on the previous page.
2. Put your camera on the top of your PC monitor or another flat surface.
3. **Switch the mode dial to PC-Cam.**
4. Open the web conferencing application, such as NetMeeting. Follow the application's on-screen instructions, or refer to its Help section for operating.

**NOTE:**

You must install the USB driver before you can use the camera in PC-Cam mode.

# Remarks on PC Cam Installation Under Different Windows OS

The computer will automatically find your camera and install it for the first time connecting the camera to your computer, the installation message will vary on the different Windows Operating Systems.

## Under Windows 98/98SE:

1. The following message will pop up, indicating that the Windows system recognizes a new device and is searching for the driver.

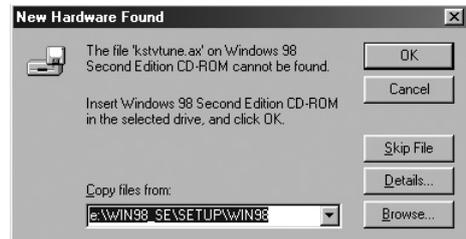


2. The following message will pop up to ask for insertion of Windows 98/98SE CD-ROM.

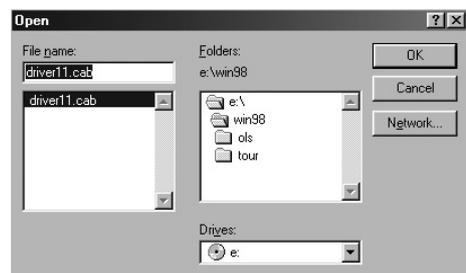
Insert the Windows 98/98SE CD-ROM into the CD-ROM drive, then click "OK".



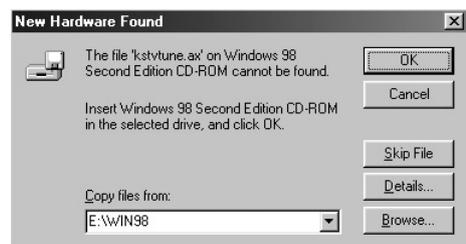
3. Click "Browse" to find the driver.



4. Make sure the drive option is CD-ROM drive, then locate and double click Win98 folder, then click "OK".

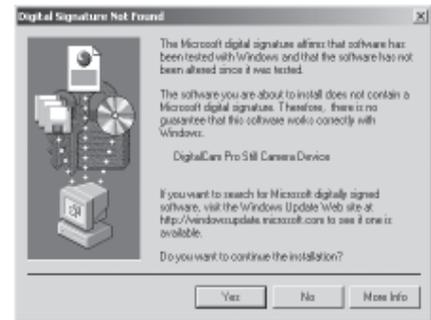
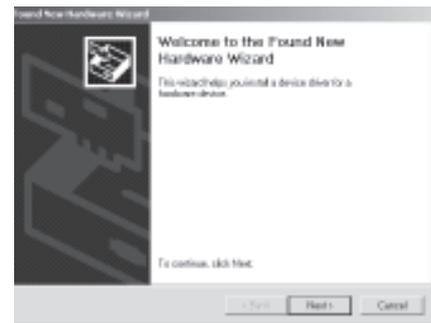


5. Click "OK" to continue and complete the installation.



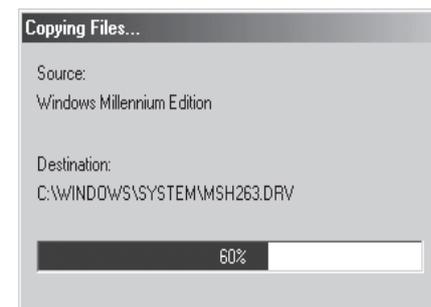
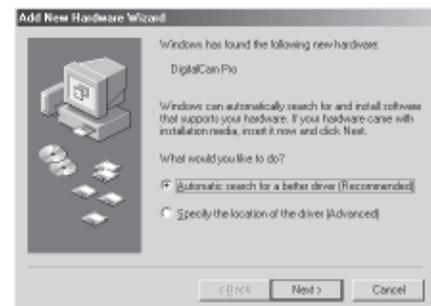
## Under Windows 2000

1. The installation message will pop up. Click **“Next”**.
2. The warning message of **“Digital Signature Not Found”** will pop up. Click **“Yes”** to continue to complete the installation.  
**Note:** The above installation may occur twice, just repeat step 1 and step 2 to complete the whole installation



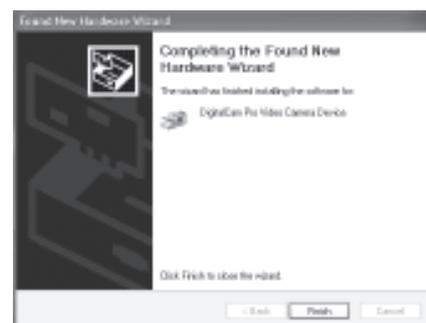
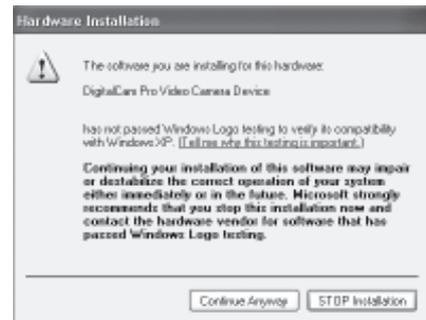
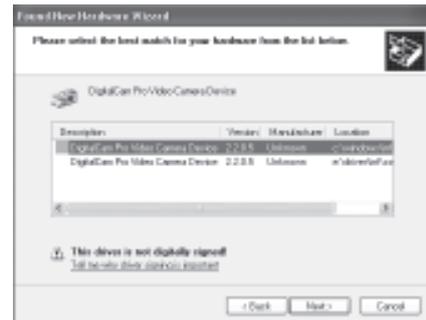
## Under Windows ME

1. The installation message will pop up. Click **“Next”**.
2. The installation status bar displays.  
**Note:** The above installation may occur twice, just repeat step 1 and step 2 to complete the whole installation.
3. Click **“finish”** to complete the installation.  
**Note:** The above installation may occur twice, just repeat step 1 and step 3 to complete the whole installation



## Under Windows XP

1. The installation message will pop up. Click **“Next”**.
2. The message **“This driver is not digitally signed”** may appear. Click **“Next”** to continue.
3. The **“Windows Logo Testing”** warning will appear; click **‘Continue Anyway’** to proceed.
4. Click **“Finish”** to complete the installation.  
**Note:** The above installation may occur twice, just repeat **step 1 and step 4 to complete the whole installation.**



# 7 Installing Software

## Installing the Software Driver

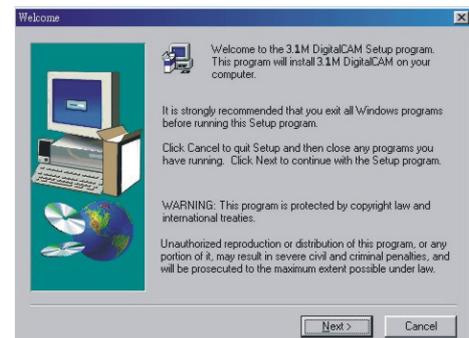
The camera can be used as a mass storage device and can be connected to a TV to view pictures. **The software driver must be installed under all operating systems to enable the camera as a mass storage device (USB) in WIN 98/98 SE and to enable the video driver for all operating systems.**

### NOTE:

If you don't install the driver, you can only use the camera as a mass storage device under Windows XP/ME/2000 and the video function will not work.

To install the drivers:

- 1 Insert the included software installation CD-ROM in your computer's CD-ROM drive.
- 2 The installation program starts automatically.
- 3 Follow the on-screen instructions to install the drivers.



### NOTES:

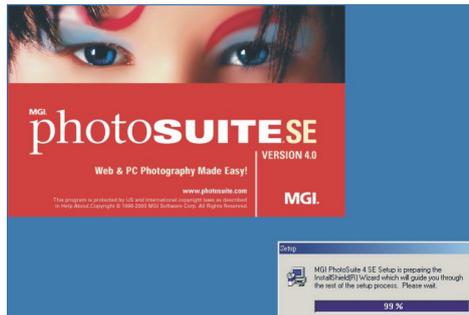
- If the installation program does not start automatically, Double click on My Computer on the Desktop or in the Start Menu, and locate the CD-ROM Drive, then double click on the CD-ROM Drive icon for installation.
- Restart your computer after installing the drivers.

# Installing MGI PhotoSuite 4 SE

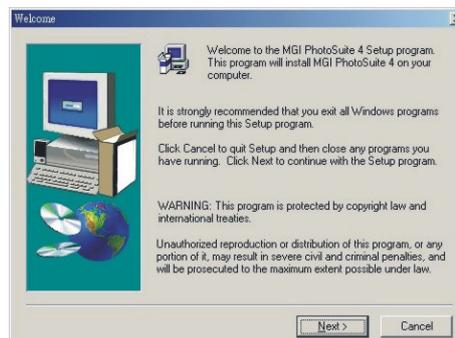
MGI PhotoSuite 4 SE is a photo editing application that is included for free on the software installation CD-ROM. You must use Windows XP/ME/2000/98SE/98 on your computer to use this software.

Follow these steps to install the photo editing application.

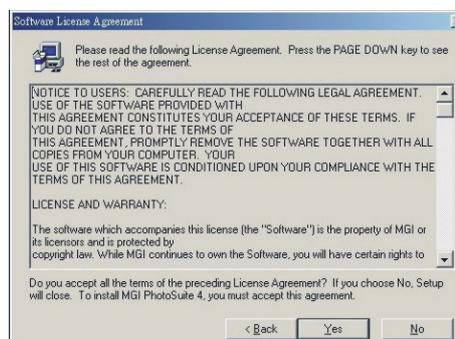
1. Insert the software installation CD-ROM in your computer's CD-ROM drive.
2. The installation program starts automatically.
3. Follow the on-screen instructions to install the software.



4. A welcome window appears. Click Next to continue with the installation.



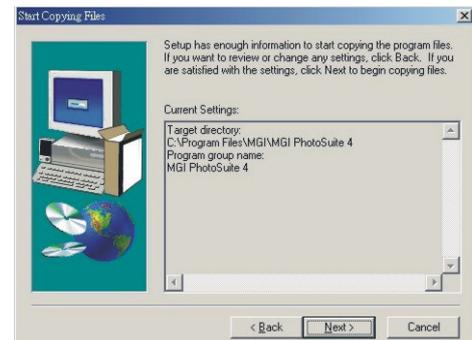
5. The Software License Agreement window appears. To accept the license, click Yes to continue. If you disagree with the license, click No to exit the installation program.



- 6 Select a destination folder in which the software will be installed. For most users, C:\Program Files\ is the most appropriate choice.



- 7 Click Next to begin copying files from the CD-ROM to the computer hard drive.



- 8 When installation is completed, select "Yes, I want to restart my computer now" to restart your computer.



### NOTE:

If the installation program does not start automatically, Double click on My Computer on the Desktop or in the Start Menu, and locate the CD-ROM Drive, then double click on the CD-ROM Drive icon for installation.

## Using the MGI PhotoSuite 4 SE Application

PhotoSuite 4 SE gives you the ability to edit, crop and print the photos you download to your computer from the digital camera. Refer to the application help documentation for information on using the software.

To start the program, click Start > Programs > MGI PhotoSuite 4 > MGI PhotoSuite 4.

# 8 Appendix

## Indicator Lamp Status

Mode	No.	Camera Status		LED	Always On	Blinking (ms)		Auto	Manual	Video	Play-back	
						ON	OFF					
General	1	Power On (until ready)		Green		130	130	○	○	○	○	
	2	Dial Mode Change		Green		130	130	○	○	○	○	
	3	Mass Storage	Standby	Green					○	○	○	○
			Busy	Red		130	130	○	○	○	○	
	4	LCD Off		Green	○				○	○	○	○
Record	1	Flash Charging ('til ready)		Red		130	130	○	○			
	2	Video AF Lock		Green	○					○		
	3	Video Recording		Green		500	500			○		
	4	Still AF/AE/ AWB Lock	w/ Flash	Red	○				○	○		
			w/o Flash	Green	○				○	○		
	5	Capture Still Image		Green		130	130	○	○			
	6	Saving Image		Green		130	130	○	○			
	7	Self-timer Capture (10 sec./2 sec.)	w/ Flash	Red					○	○		
			w/o Flash	Green					○	○		
	8	Self-timer Capture 2 sec.		Self-timer		125	125	○	○			
9	Self-timer Capture 10 sec.	1-4 sec.	Self-timer		500	500	○	○				
		5-8 sec.	Self-timer		250	250	○	○				
		9-10 sec.	Self-timer		125	125	○	○				
Play	1	Erase All		Green		130	130				○	
	2	Slide Show (Reading)		Green		130	130				○	
	3	Copy to Card (Copying)		Green		130	130				○	

## Troubleshooting

### Troubleshooting

Problem	Cause	Solution
Power does not turn on.	<ul style="list-style-type: none"> <li>- batteries are inserted in the wrong direction</li> <li>- batteries are dead</li> <li>- the battery compartment door is open</li> </ul>	<ul style="list-style-type: none"> <li>- reload batteries in the correct direction</li> <li>- replace with new batteries</li> <li>- make sure the battery compartment door is securely closed</li> </ul>
The camera does not take pictures.	<ul style="list-style-type: none"> <li>- the mode dial is set to Playback mode</li> <li>- the flash is charging</li> <li>- memory is full</li> <li>- SD card is not formatted correctly</li> </ul>	<ul style="list-style-type: none"> <li>- turn the mode dial to Auto, Manual, or Video mode</li> <li>- wait for the flash to charge</li> <li>- reformat the SD card</li> <li>- the card may be defective, use a new card</li> </ul>
Image is not recorded when the shutter button is pressed.	<ul style="list-style-type: none"> <li>- the mode dial is set to Playback mode</li> <li>- the flash is charging</li> <li>- memory is full</li> </ul>	<ul style="list-style-type: none"> <li>- turn the mode dial to Auto or Manual mode</li> <li>- wait until the flash has finished charging</li> <li>- make space in memory by deleting images you don't want, or by downloading files to a computer and erasing all files or formatting memory</li> </ul>
The flash doesn't fire.	<ul style="list-style-type: none"> <li>- flash mode is set to OFF</li> </ul>	<ul style="list-style-type: none"> <li>- set the flash to any mode except OFF</li> </ul>
Images are blurry or out of focus.	<ul style="list-style-type: none"> <li>- the camera was moving when the image was captured</li> <li>- the subject was beyond the range within which the camera can focus</li> </ul>	<ul style="list-style-type: none"> <li>- hold the camera steady when shooting pictures</li> <li>- turn the Macro mode on if the subject is at 20 cm (zoomed out) or 16 cm (zoomed in)</li> <li>- do not use Macro mode when shooting distant subjects</li> </ul>
Images are not displayed on the LCD screen.	<ul style="list-style-type: none"> <li>- a memory card with non-DCIF images (recorded with another camera) is loaded</li> </ul>	<ul style="list-style-type: none"> <li>- this camera cannot display non-DCIF images</li> </ul>
Recorded images are not saved in memory.	<ul style="list-style-type: none"> <li>- the camera was turned off/powering down before the image was stored in memory</li> </ul>	<ul style="list-style-type: none"> <li>- if the battery low indicator appears on the LCD screen, replace the batteries immediately.</li> </ul>
Cannot transfer images to a computer after connecting the USB cable.	<ul style="list-style-type: none"> <li>- USB driver is not installed</li> </ul>	<ul style="list-style-type: none"> <li>- install the USB driver before you connect the camera to a computer</li> <li>- turn the camera on</li> </ul>
Images do not appear on the television.	<ul style="list-style-type: none"> <li>- the cable is not connected securely</li> <li>- the video system setting is incorrect</li> </ul>	<ul style="list-style-type: none"> <li>- use the included video cable to connect the camera to a TV</li> <li>- set the video system to the correct setting, NTSC or PAL</li> </ul>
Error message on LCD after a memory card has been inserted into the camera: Format Fail Delete All?(OK)	<ul style="list-style-type: none"> <li>- The camera supports the FAT file system. Occasionally memory cards are formatted with a file system that the camera does not support e.g. NTFS and these memory cards need to be reformatted before they can be used with the camera.</li> </ul>	<ul style="list-style-type: none"> <li>Format the memory card using a computer and a memory card reader/writer. Be sure to select FAT as the file system when formatting the memory card on computers running Windows 2000 Professional or Windows XP. Once the memory card has been formatted with the FAT file system, it should work in the camera.</li> </ul>

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## GETTING HELP

You can get help from our troubleshooting section, FAQ on our website or by contacting a customer support representative.

### Troubleshooting Section

If you need help with your camera, refer to the Troubleshooting section of this manual on page 41.

### Website Customer Support/FAQ

Please visit our customer support website at [www.concord-camera.com](http://www.concord-camera.com) to view the Frequently Asked Questions (FAQ) by clicking the appropriate camera model picture in the çCamera Support ç Section. Most support issues are answered in the FAQ section. You can also E-mail us by clicking the E-mail address link to the customer support center in the çCamera Supporté Section.

### For Camera Support please contact:

Toll Free in the US and Canada:  
Ä(866) 522-6372

### Toll Free in Europe:

UK: 0800-1696482  
Spain: 900-973195  
Germany: 0800-1800563  
Italy: 800-781883  
France: 0800-917599

### Toll in Europe:

Ä+31-53-4829779

Web: [www.concord-camera.com](http://www.concord-camera.com)  
For Camera Support via E-mail, please  
contact us at [www.concord-camera.com](http://www.concord-camera.com).

## Specifications

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# Specifications

Sensor	3.1 megapixel CMOS
Lens	F 2.8 ~ 8.47
Built-In Viewfinder	Field of View: 85%
Focus Range	Normal: 1 M (3.25 ft.) ~ infinity Macro: (W) 20 cm (7.9")
LCD Display	1.5" color TFT LCD panel
Still Image Resolution	2560x1920, 2048x1536, 1024x768
Video Resolution	320x240
Still Image Quality	Fine: 7X compression rate Normal: 10X compression rate
Exposure Control	Auto & manual
Exposure Compensation	-2EV to +2EV (-2.0, -1.7, -1.3, -1.0, -0.7, -0.3, 0.0, +0.3, +0.7, +1.0, +1.3, +1.7, +2.0)
Shutter Control	shutter speed: 1/2-1/4980 sec. With CCD variable electronic shutter
Digital Zoom	Preview Mode: up to 4X Playback Mode: up to 4X
Image File Format	EXIF 2.1 compatible format (JPEG compression) DCF compatible. Supports DPOF
White Balance	Auto/Manual (4 modes in manual selection: daylight/ shade/ tungsten/fluorescent)
Picture Storage	Internal: 16 MB embedded Nandgate flash memory External: SD memory card
Microphone	Built-In
Sound Feedback	Speaker
Communication Interface	USB 1.1
Self-Timer	2 steps, 2-10 sec
Playback Mode	Single/9 thumbnails
TV System	NTSC/PAL selectable
Power Supply	AAA-size alkaline batteries x 4 Rechargeable Ni-MH batteries (min. 550 mAh / 1.2 V)
Dimensions	Camera body: 97 x 28 x 63 mm
Weight	Camera body without battery: 110g

\* Specifications are subject to change without notice.

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## **SAFETY TIPS AND MAINTENANCE**

### ***Cleaning the camera body:***

1. Please use a soft dry cloth to clean the camera.

### ***Cleaning the lens, viewfinder and LCD:***

1. Blow off dirt or dust with a blower or canned air.
2. Gently wipe the lens, viewfinder and/or LCD with a micro-fiber cloth.
3. To remove dirt or residue, moisten the cloth with lens cleaning fluid and gently wipe the lens, viewfinder and/or LCD.

**CAUTION:** Do not apply the fluid directly onto the lens, viewfinder or LCD.

### ***Cleaning the battery contacts:***

As a matter of routine operation and handling, should any debris or foreign contaminant deposit itself on the battery contacts in the camera and/or on the batteries, follow steps below to clean the battery contacts to ensure proper electrical operation:

1. Wet the tip of a cotton bud/swab with rubbing alcohol and squeeze the excess alcohol from the bud/swab.
2. Wipe the battery contacts inside the camera battery compartment and both ends of the batteries lightly with the damp bud.
3. Allow the contacts to dry before placing batteries in the camera.

### **Caution:**

- 1) Do not press hard during cleaning, as this will cause damage to the battery contacts.
- 2) Do not use water to clean the contacts, as this will increase the chance of oxidation.
- 3) Do not use Acetone or Nail Polish remover to clean the contacts as this may adversely affect camera operation.

## **SAFETY TIPS**

### ***Precautions for the camera:***

- Do not attempt to modify this camera in any way. This may cause a fire, electric shock or severe damage to the camera.
- Do not use the flash in close proximity to people or animals.
- When taking photographs, never point the lens of the camera directly into very strong light.
- Please do not use this product in close proximity to flammable or explosive gases as this could increase the risk of explosion.
- For safety reasons keep this product and accessories out of reach of children or animals to prevent accidents.
- Do not swallow batteries or small camera accessories.
- Keep the camera away from water and other liquids, and never let it get wet. Do not use outdoors when it is raining or snowing.
- Should any form of liquid enter the camera, do not use it. Switch the camera off, and then remove the batteries. Do not continue to use the camera as this may cause a fire or electric shock.
- Do not insert or drop metallic or inflammable foreign objects into the camera through access points e.g. card slot and battery chamber. This may cause a fire or electric shock.
- Do not operate this camera with wet hands. This could pose a risk of electric shock.
- Under the environment with electrostatic discharge, the camera may malfunction and require the user to reset the camera.
- Under the environment with electrical fast transients (EFT), the camera may lose function and require user to reset the camera.
- Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.
- Please avoid using the camera in high or low temperature. Operation temperature range 32°F - 104°F (0°C - 40°C).
- It is normal that the temperature of the camera body rises after being in use for a long period.
- Do not leave this camera in places subject to extremely high temperatures, such as in a sealed vehicle, under direct sunlight, or in other places with extreme variances in temperature. Exposure to extreme temperatures may adversely affect the camera's internal components and could cause a fire.
- Always use the camera and its accessories in a well-ventilated area.

## **SAFETY TIPS AND MAINTENANCE**

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- Allowing dust to accumulate in the camera over a long period of time is hazardous and in extreme circumstances may cause a fire. It is best to clean your camera prior to seasonal periods of high humidity.

### ***Precautions for batteries:***

- Dispose of the batteries in a manner that complies with applicable laws.
- Leakage, overheating, or burst batteries could result in fire or injury.
- Do not short circuit, heat or dispose of batteries in fire.
- Do not use old batteries with new ones, or mix brands of batteries.
- Ensure the batteries are positioned correctly with regard to polarity (+/-).
- Batteries may lose power if kept inside the camera for a long time without using. Please remove the batteries while the camera is not in use.
- Do not use manganese batteries as they cannot supply sufficient power to support the camera's operations. Batteries may not work normally under 32°F (0°C).

### ***Precautions for SD Memory Cards:***

- In the event of malfunction or damage, it is possible that data may be lost. Concord Camera is not responsible in any way for such data loss.
- Do not touch the terminals with hands or metal objects.
- Keep dust, water and foreign objects away from the terminal section.
- Avoid heat, liquid and direct sunlight when using and when storing.
- Do not open the battery/card cover or remove the SD Memory Card while data is being read or written.
- Do not dismantle or modify.
- The recorded data may be lost if the card is affected by strong static electricity, electrical shock, during card repair or malfunction.
- When using SD Memory Cards do not change the attributes (read-only, etc.) of the files (pictures (JPEG) or video clips (AVI) on the card. Doing so may prevent the camera from working properly when deleting, etc.
- Do not change the file names or the directory name of the pictures or video clips using a computer or save files other than pictures or video clips taken by this camera onto the SD memory card. Pictures or video clips that have been edited or added to the SD memory card with the computer may not play back and it may cause the camera to malfunction.
- The SD Memory Card includes a write-protect switch. Sliding this switch downward prevents data from being written to the card and pictures and video clips saved on the card are protected.
- Please note that pictures and video clips cannot be taken or deleted when the write-protect switch is on.
- When using a large-capacity card, writing, reading and deleting may take some time.
- Do not store the card in places with high humidity, dusty places or where static electricity or electromagnetic fields are likely to occur. Images stored in the memory card may be ruined or damaged if you turn off the camera while it is in process of reading, writing or formatting etc.
- SD cards are delicate electronic devices. Please do not bend or drop them
- Please do not place the SD card in or near to an environment of strong electronic or magnetic fields such as loud speakers or TV receivers.
- Please keep the SD card in its bag or case when not in use.
- It's normal that the SD card is warm after use.
- Please make sure you switch off the camera before you remove the SD card.
- Do not open the battery/memory card door or remove the SD Memory Card while the camera is reading, writing or formatting the card.

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**REGULATOR INFORMATION****FCC INFORMATION**

**FCC WARNING:** This equipment meets the limits for a Class B digital device, pursuant to Part 15 of FCC rules.

Only the cable supplied with the camera should be used. Operation with other cables is likely to result in interference to radio and TV reception and could void the user's authorization to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

***Tested to comply  
with FCC standards  
for HOME OR OFFICE USE***

Changes or modifications not expressly approved by the manufacturer may void the user's authority to operate this equipment.

**USER INFORMATION**

**NOTE:** This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**CE** - This product is in conformity with Directive 89/336/EEC.

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