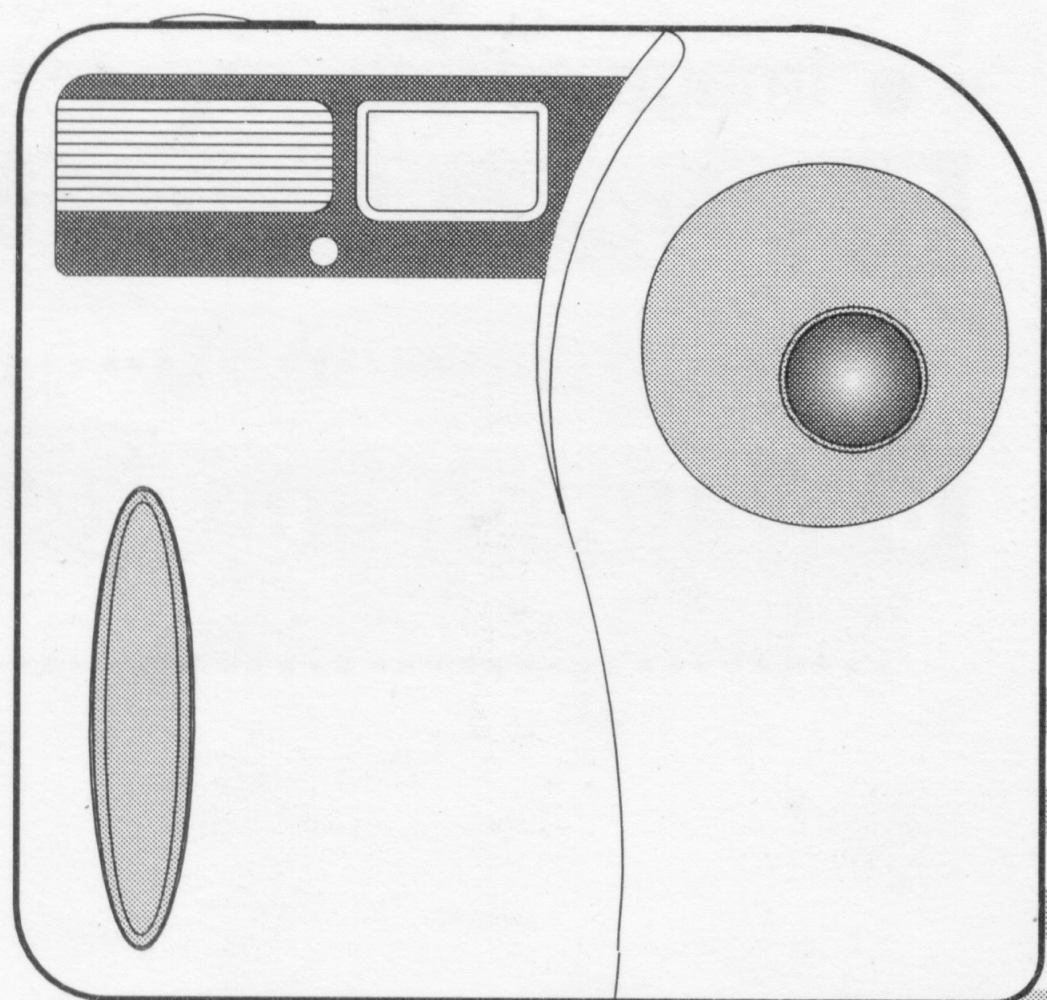


DigiPix™
AXIS

USER'S MANUAL

DIGITAL STILL CAMERA



C O N T E N T S

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1

Camera Introduction

1

● The camera has the following functions:

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

● System requirements:

1. Windows95 or above, or WindowsNT4.0
2. Pentium or above, or same level CPU.
3. 16M RAM or above
4. Full color VGA card and SVGA monitor
5. CD-ROM Drive

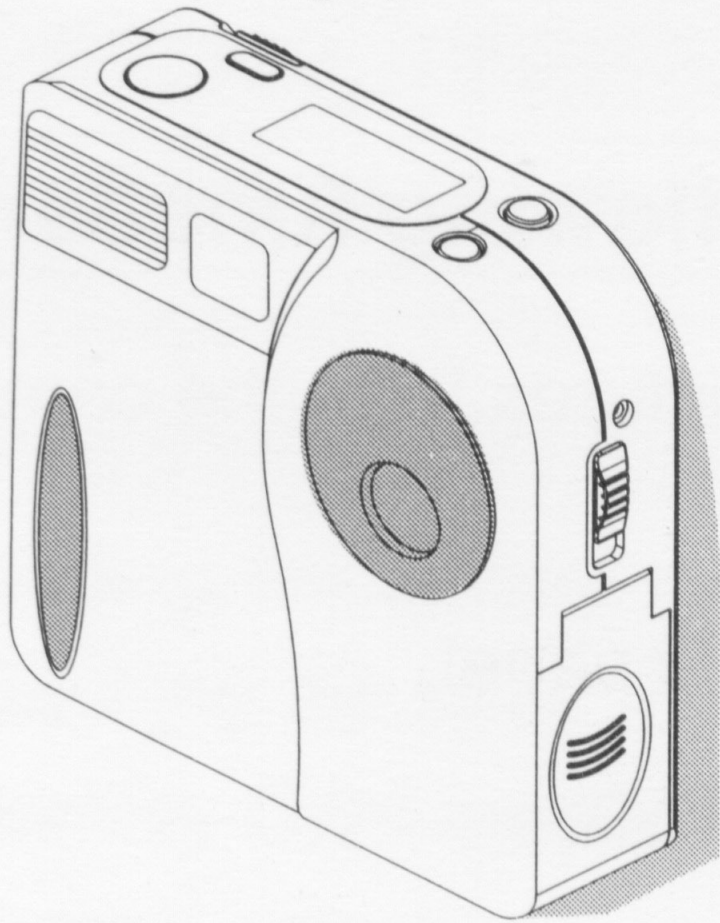
● Package contents:

Camera	PC serial cable
User's manual and Warranty card	2 AA Alkaline Batteries
2MB smartmedia (TM) memory card	Camera Pouch
Camera Strap	CD Software

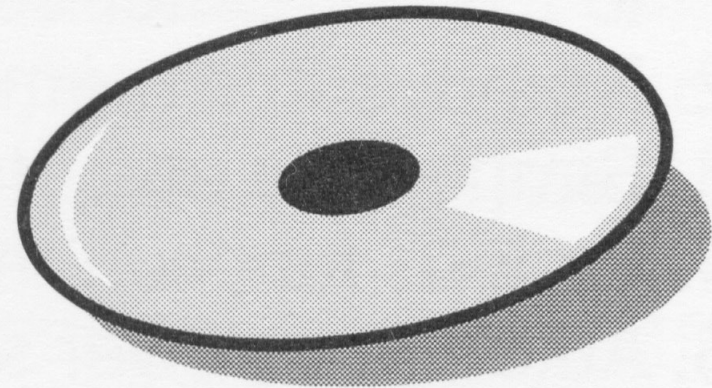
*3V AC Adapter (optional)

● **Package contents:**

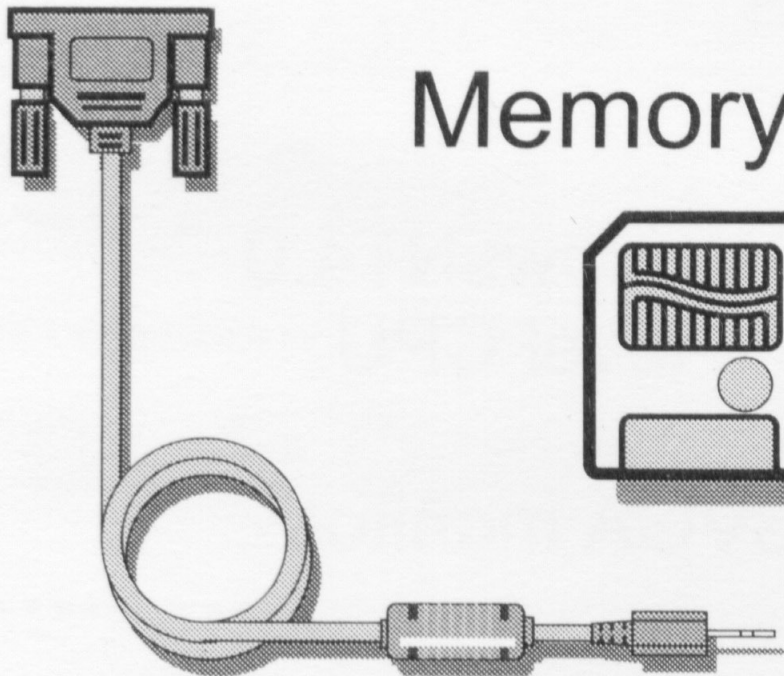
Digipix™ Axis camera



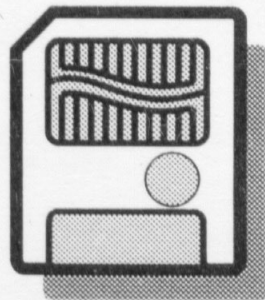
CD Software



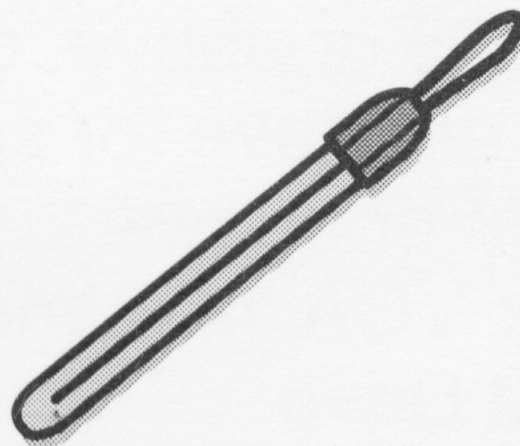
PC serial cable



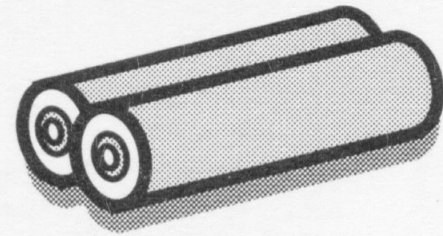
Memory card



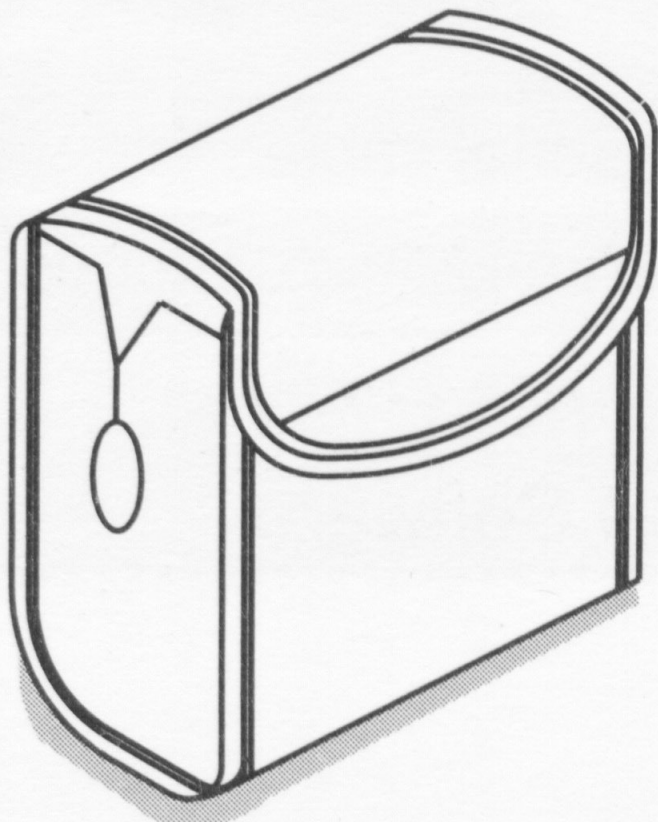
Strap



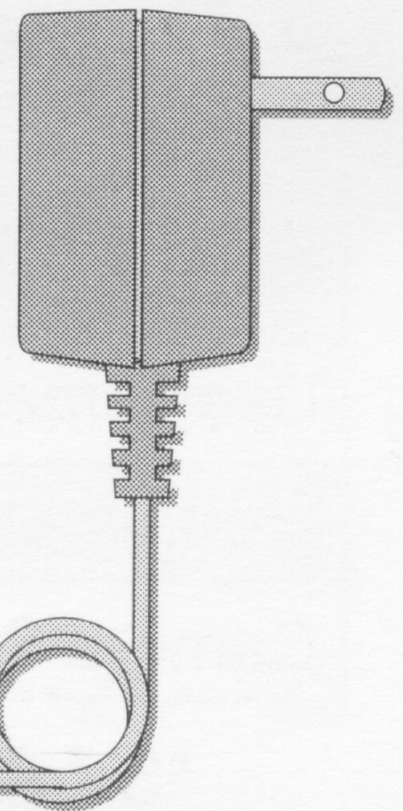
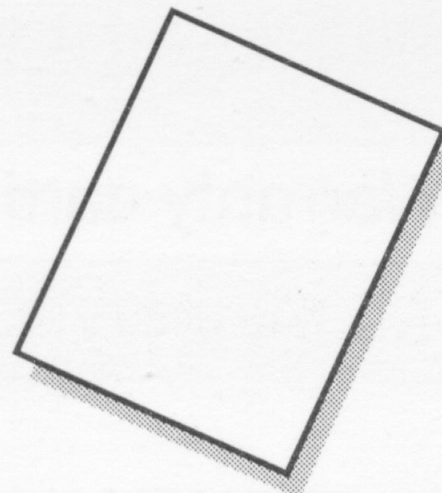
Batteries



Pouch



User's manual



*3V AC Adapter (optional)

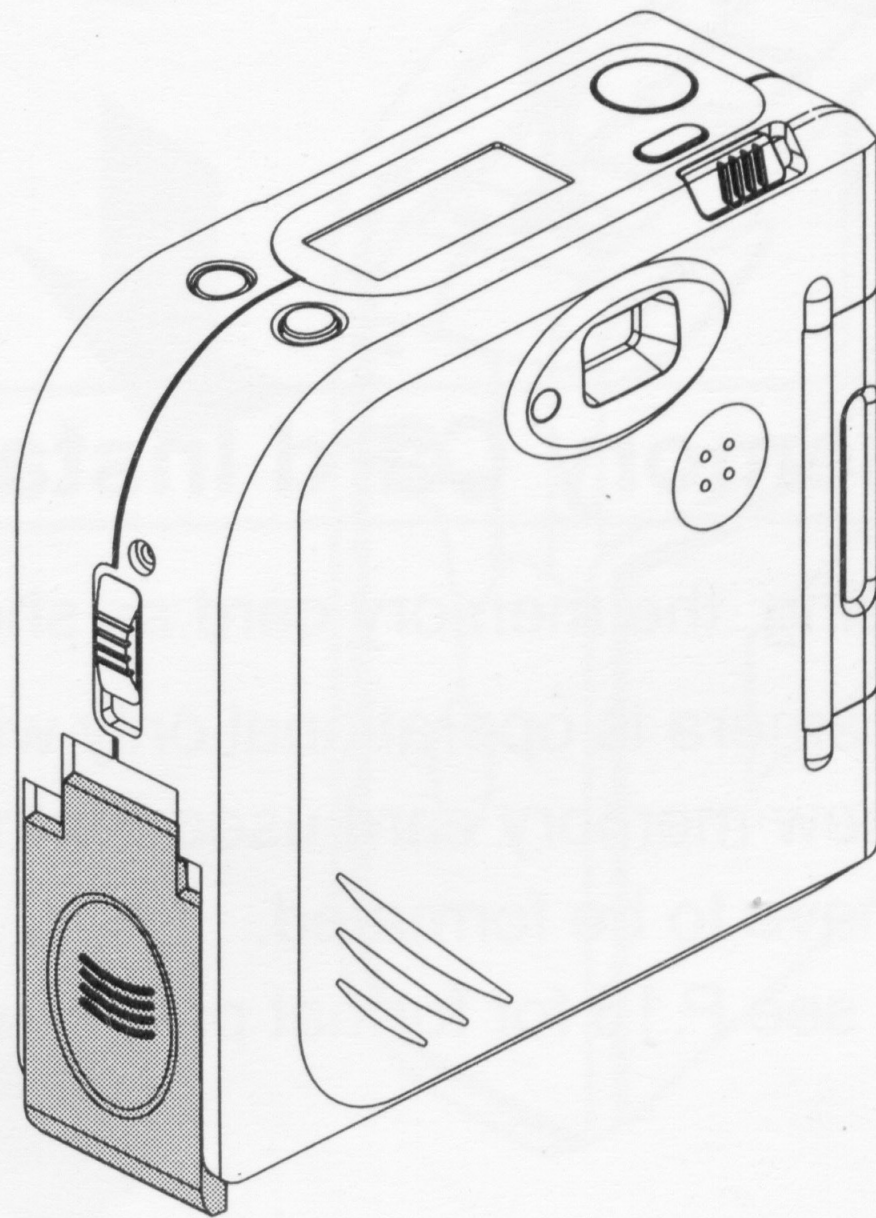
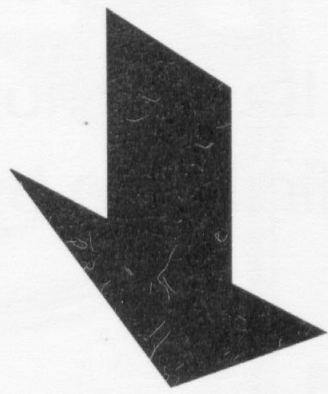
2

Preparation

● Loading the battery

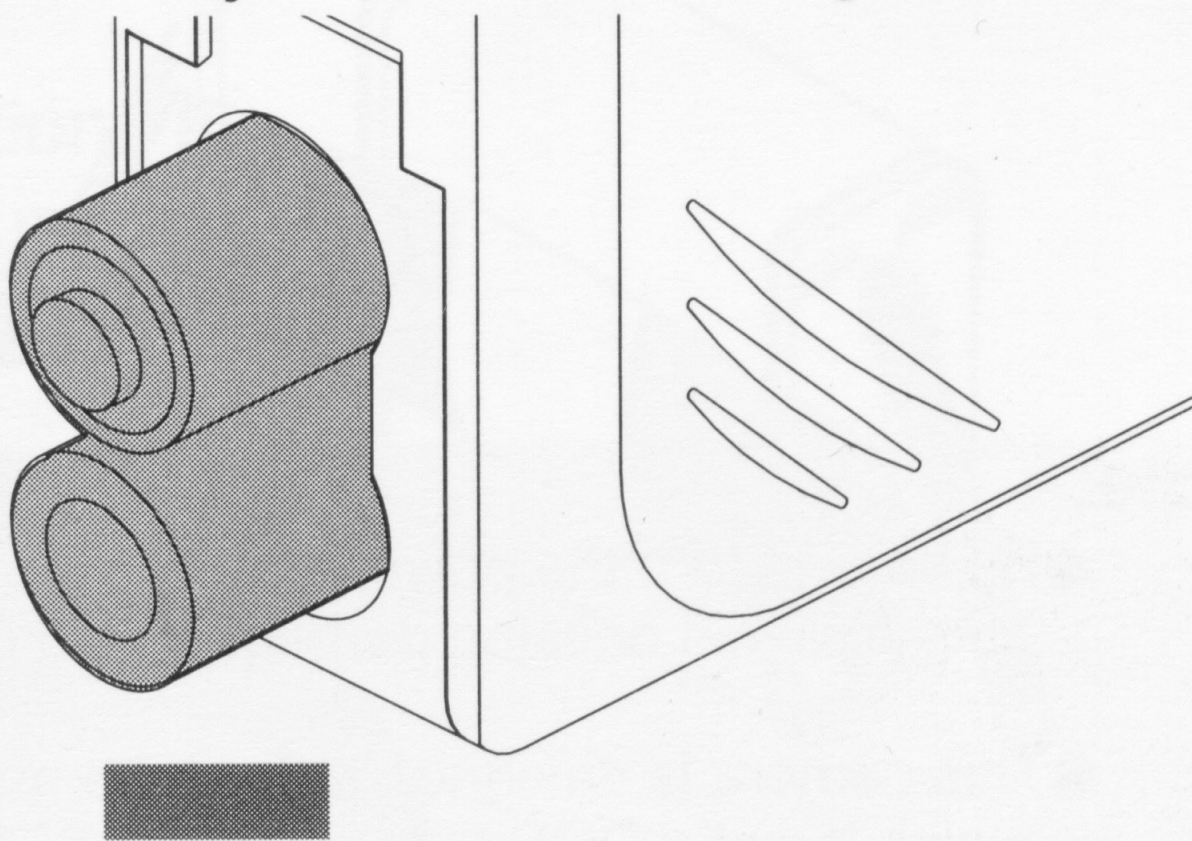
- To load the battery: (As shown by figures below)

1



- Please note the correct positive (+) and negative (-) polarity as shown in figure 2.

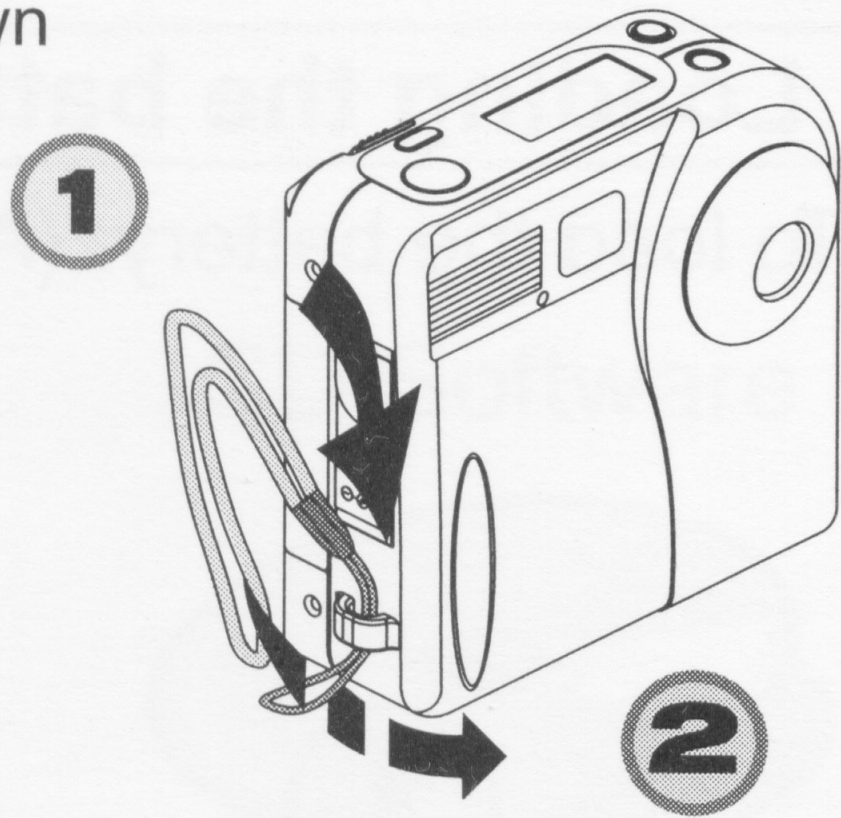
2



2

● Attaching the strap:

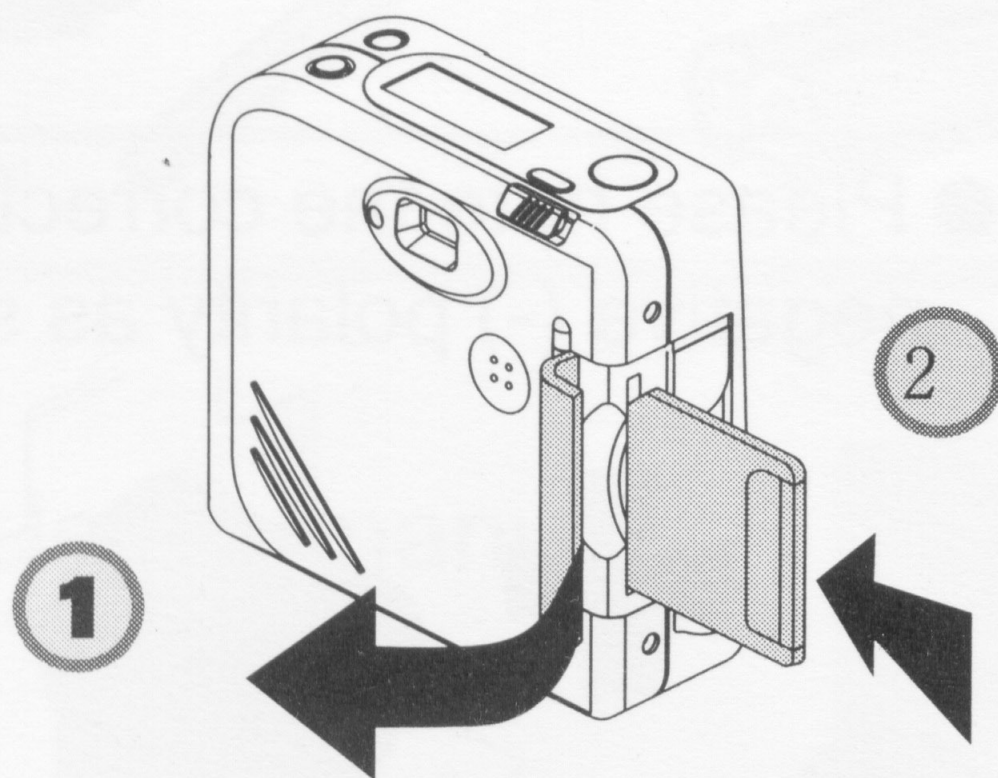
- Attaching the strap as shown in figures 1 and 2 below:



● Memory Card Installation:

- Installing the memory card as shown in figures 1 and 2 below.
- ※ The camera is operational only with the memory card installed.
- ※ Any new memory card used for the first time by this camera will have to be formatted.

Please see P.15 for format procedures.

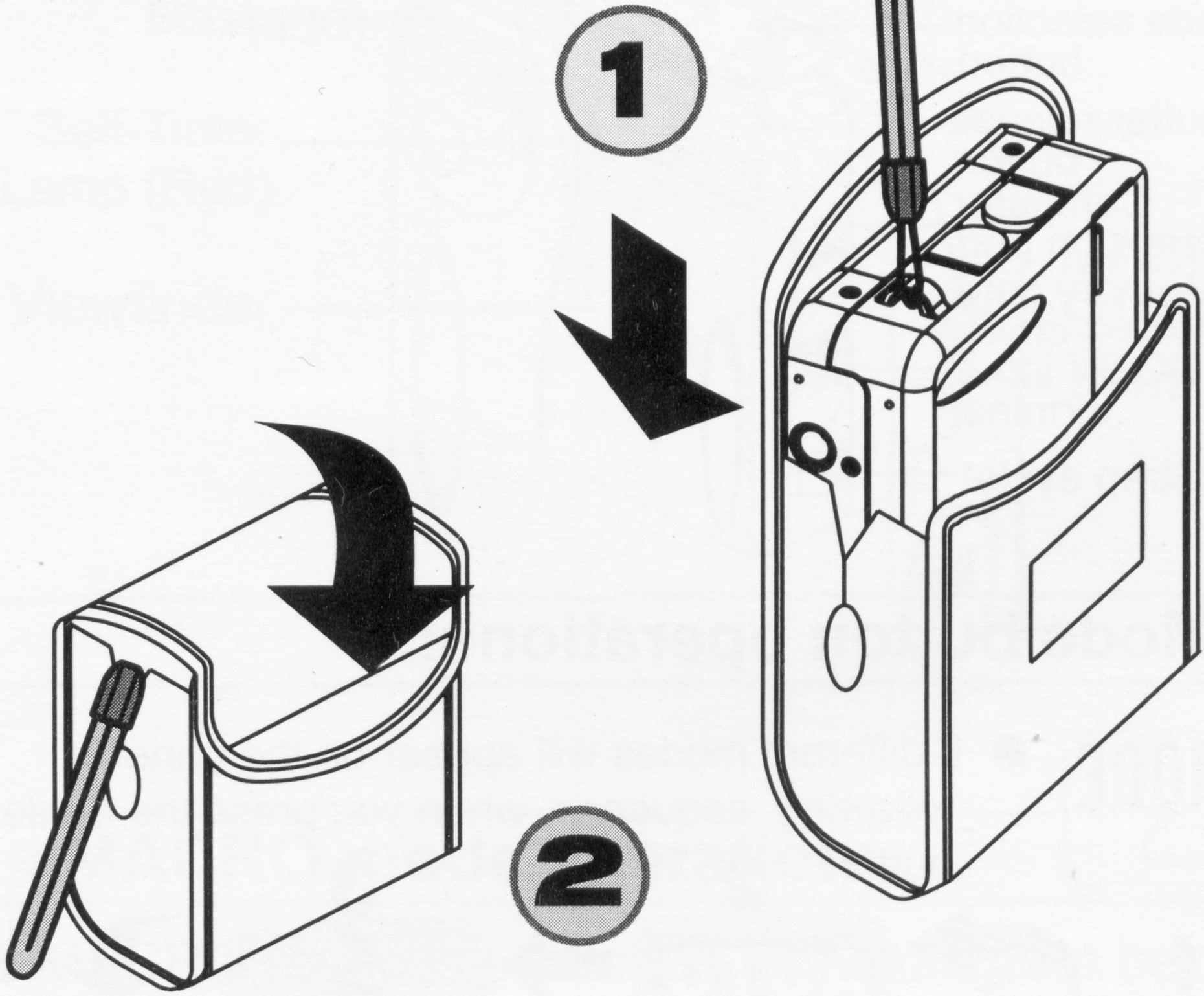


Note:

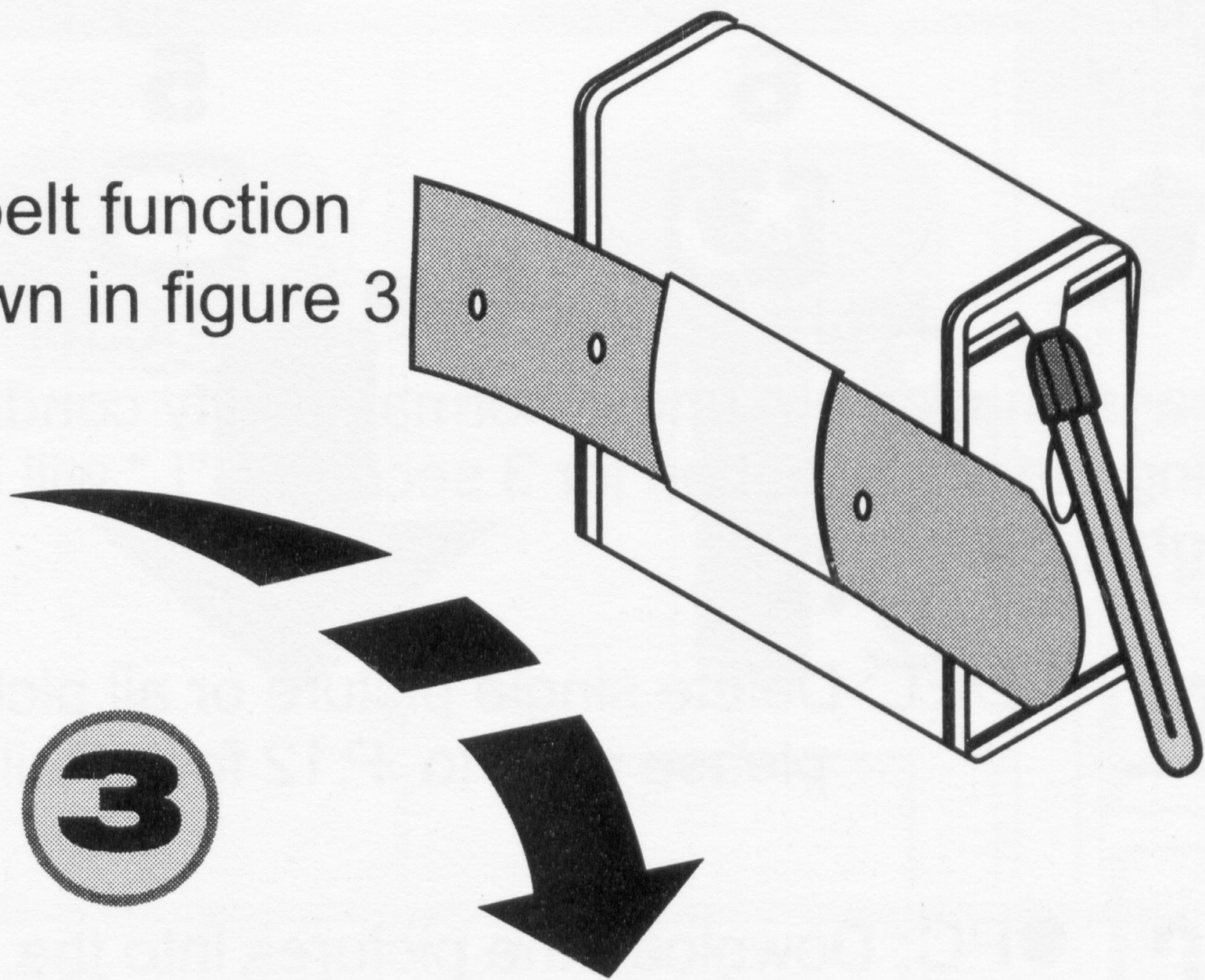
- Be sure to turn the power off when you want to replace the memory card to avoid causing damage to the card.
- This camera is designed to limit the memory card to its own format, which is not a DOS format. The "SSFDC" memory card, once used in the camera, is not compatible with other DOS format systems.

● Camera Pouch:

- To use the pouch, please follow the procedures as below.

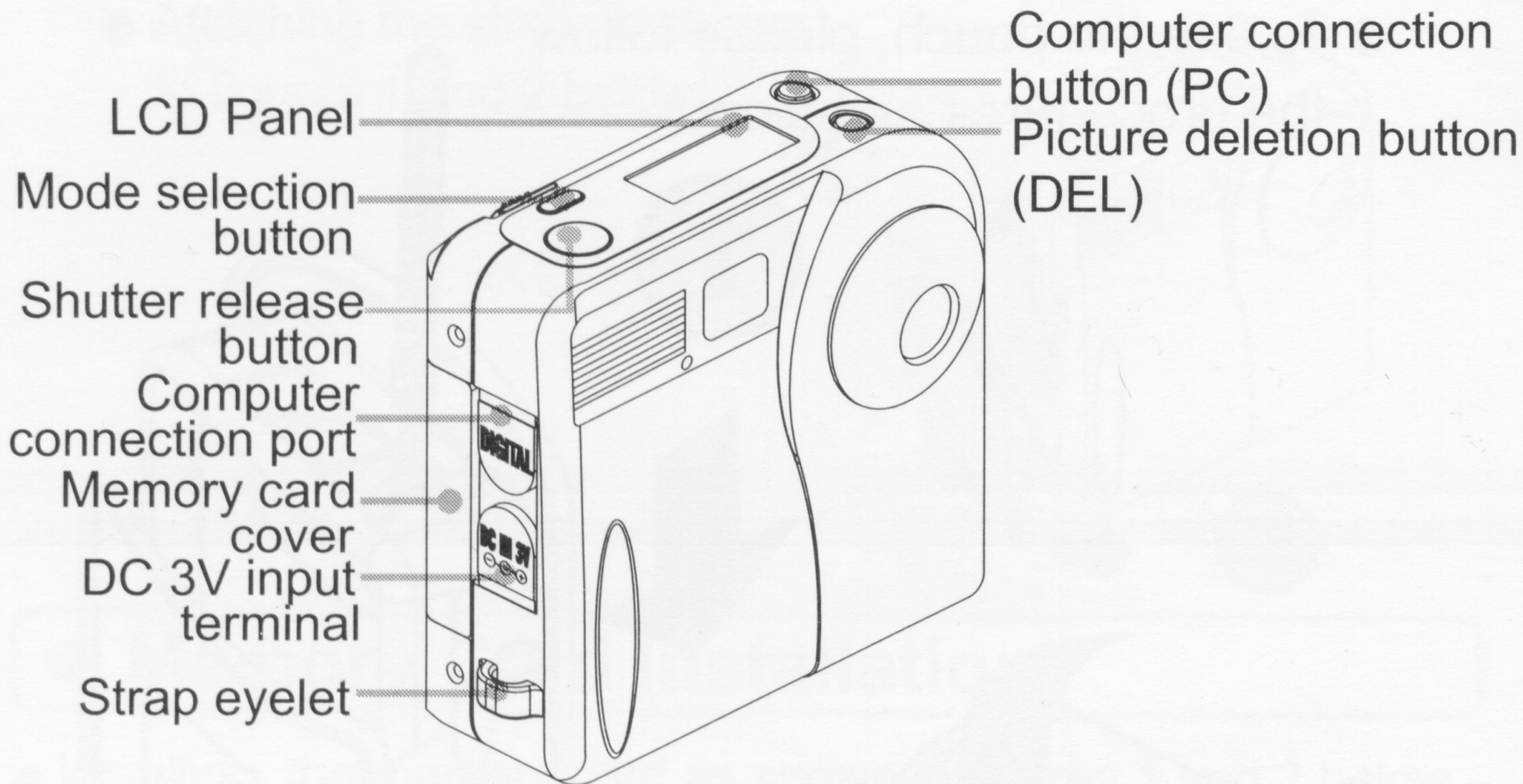


- Purse belt function as shown in figure 3

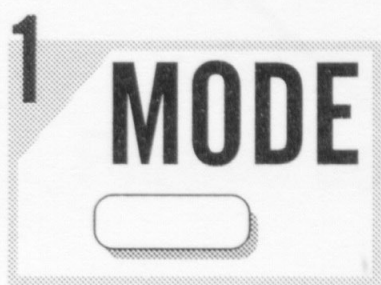


3

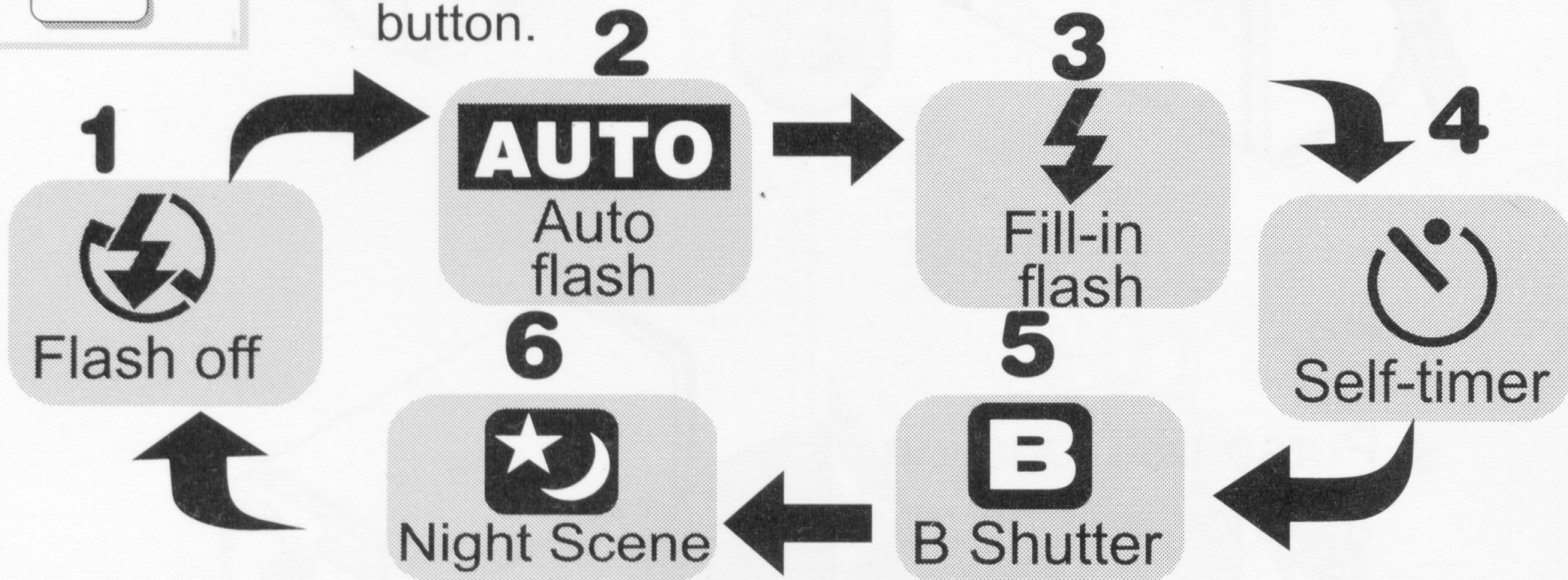
Nomenclature:



Mode button operations:



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



● "L" means images are under normal quality condition, if you keep pressing the mode button for 3 seconds, "L" will be changed into "H", high quality images.

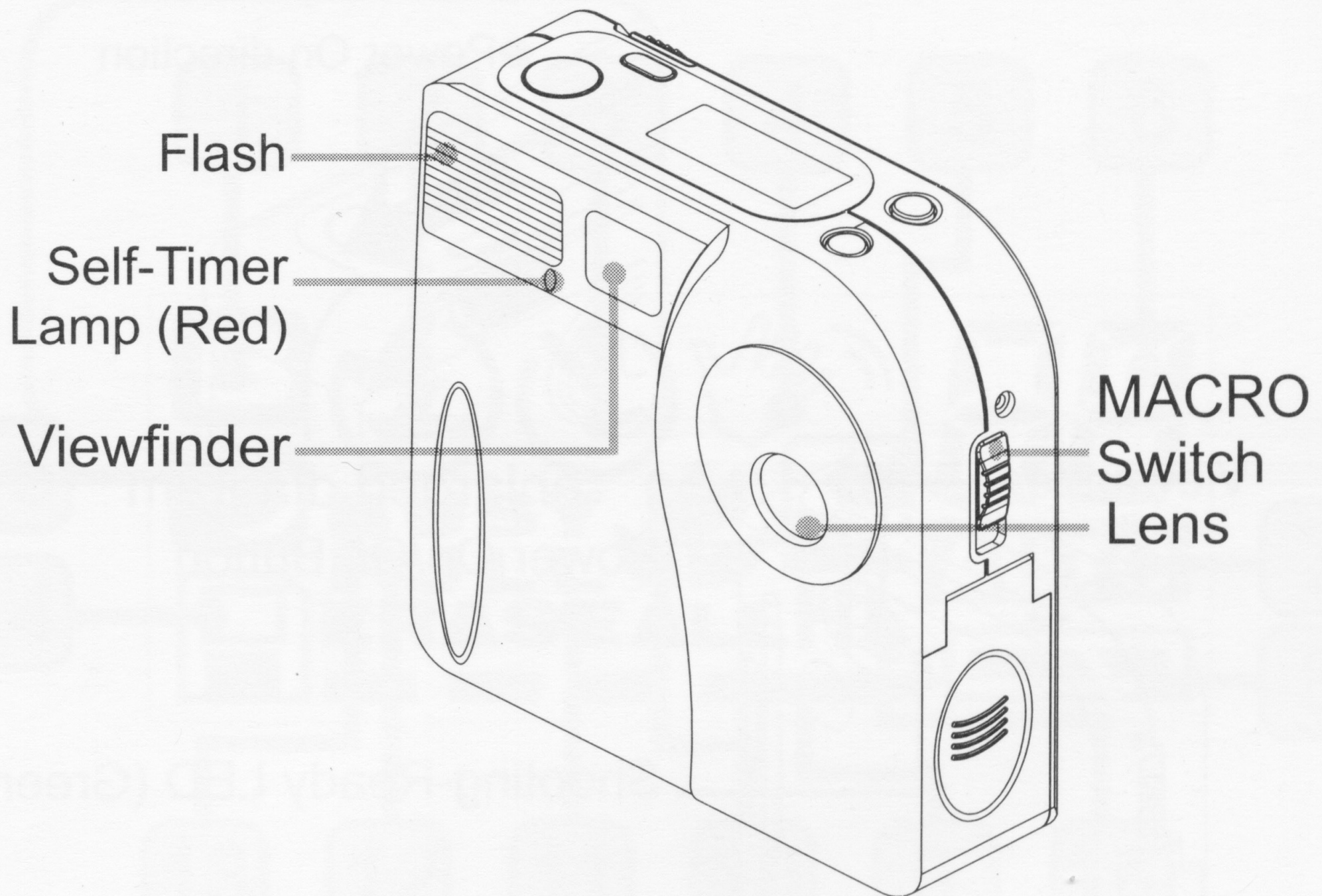


● DEL: Delete single picture or all pictures storage, please refer to P.12 for detailed operations.



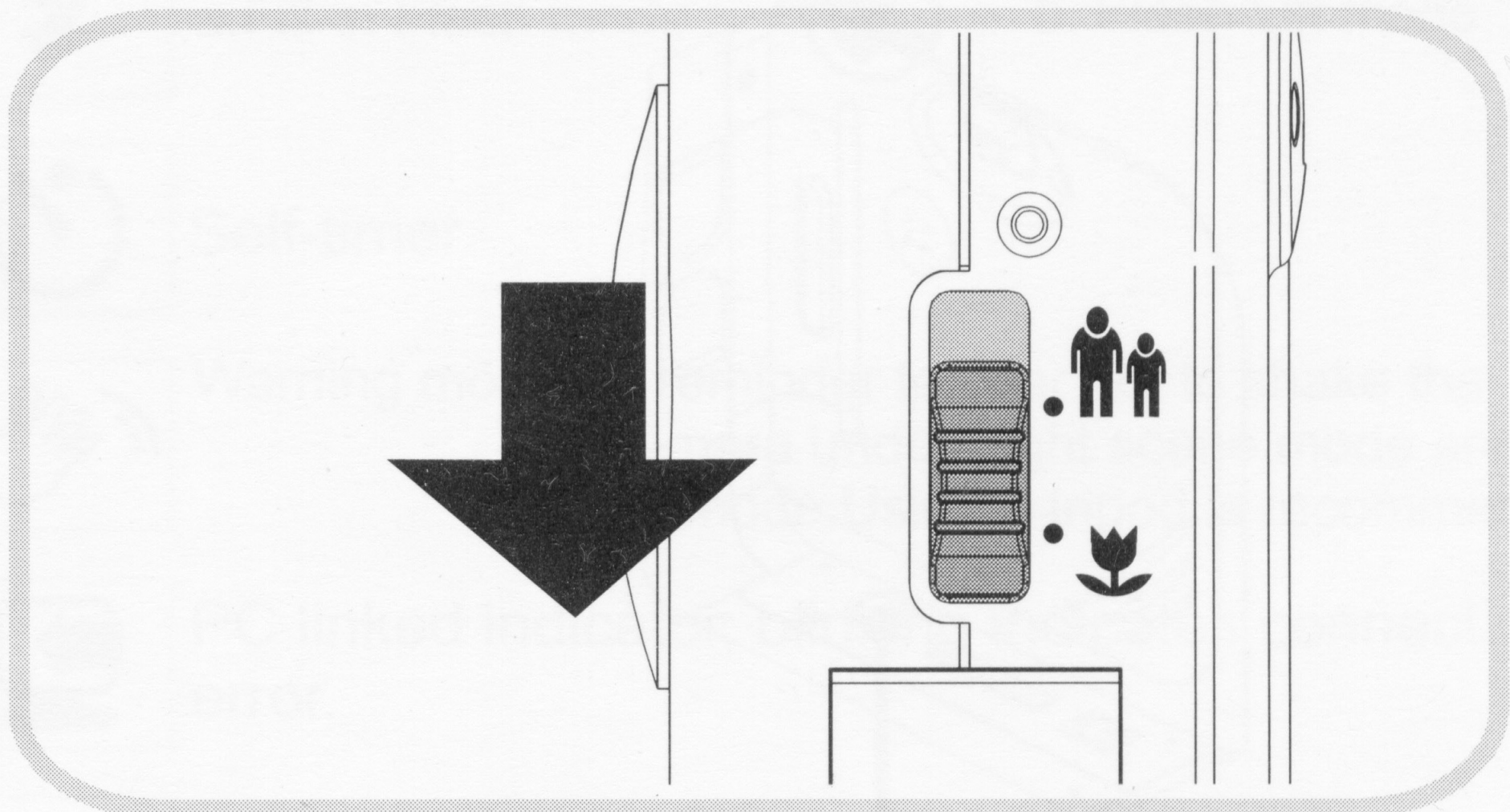
● PC: Download the pictures into the PC, please refer to P. 15 for detailed operations.

● Camera front:



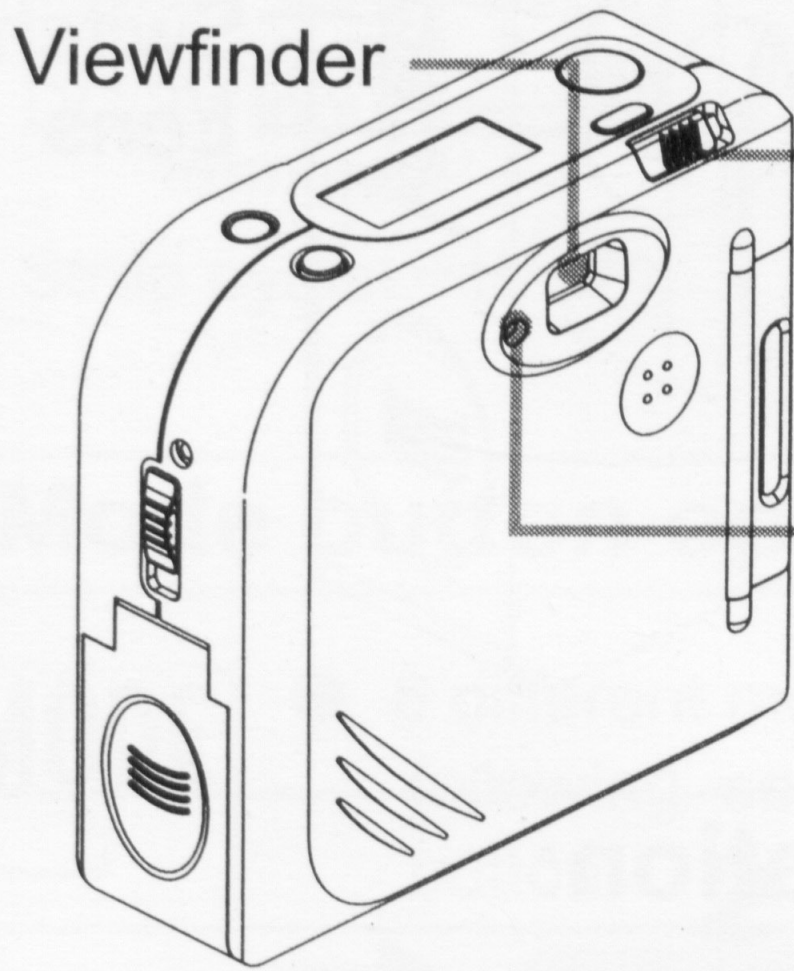
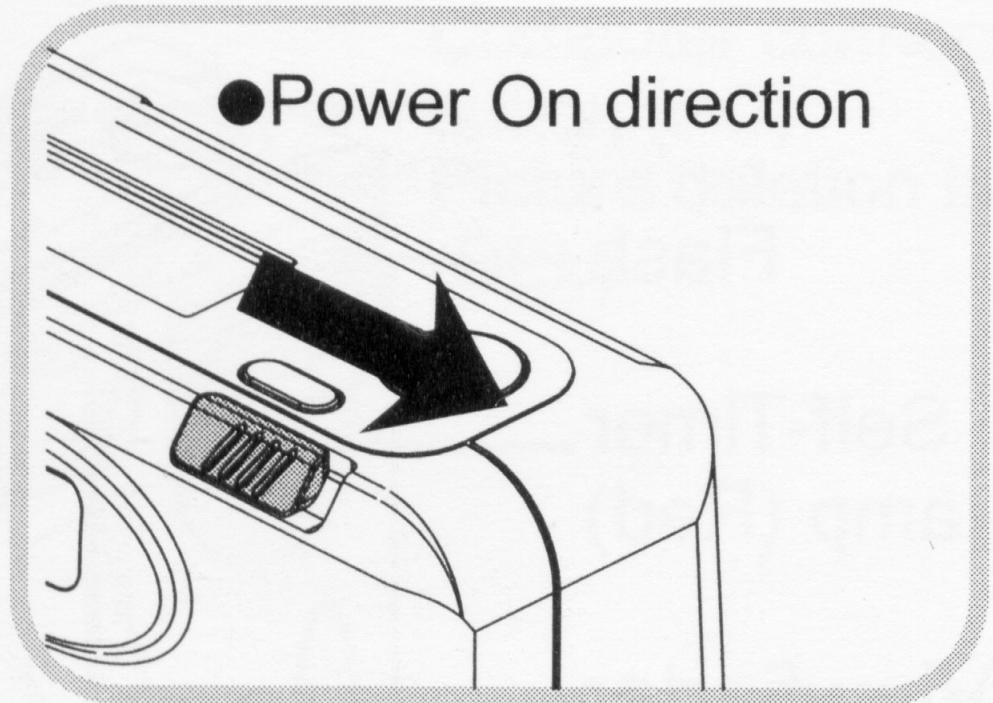
● MACRO mode operation:

- MACRO mode is shown as in the diagram below.
For more information, please refer to P.14



MACRO switch enlarged from the side

● **Camera back:**

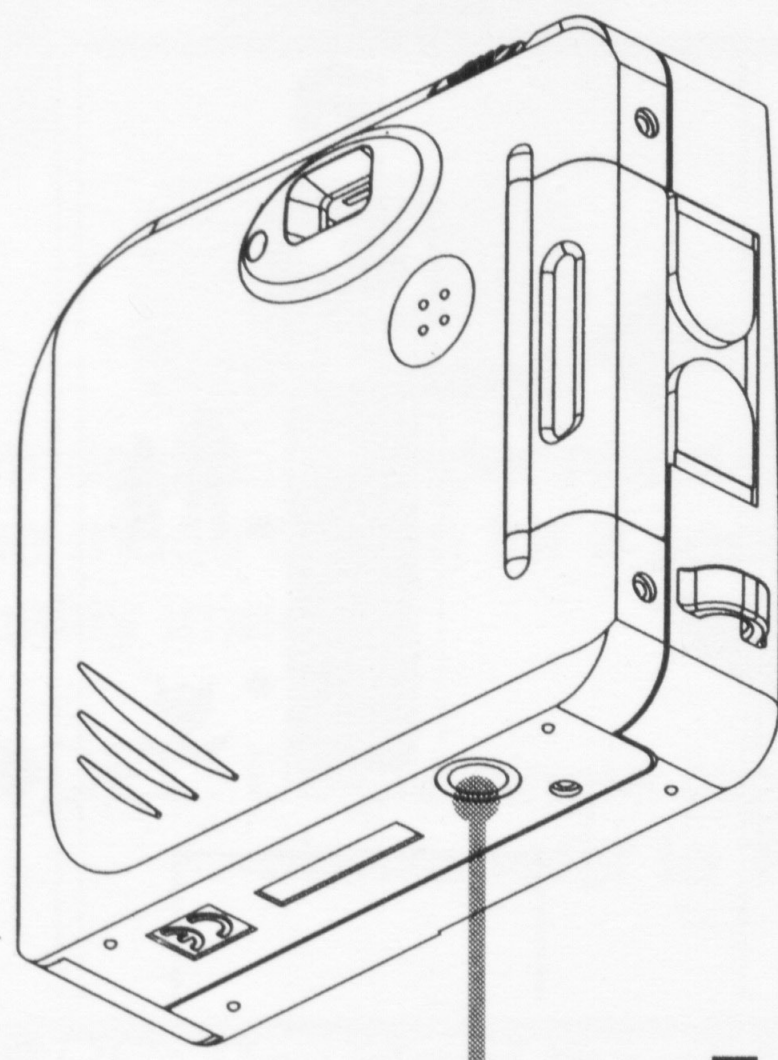


enlarged diagram

Power On/Off Button

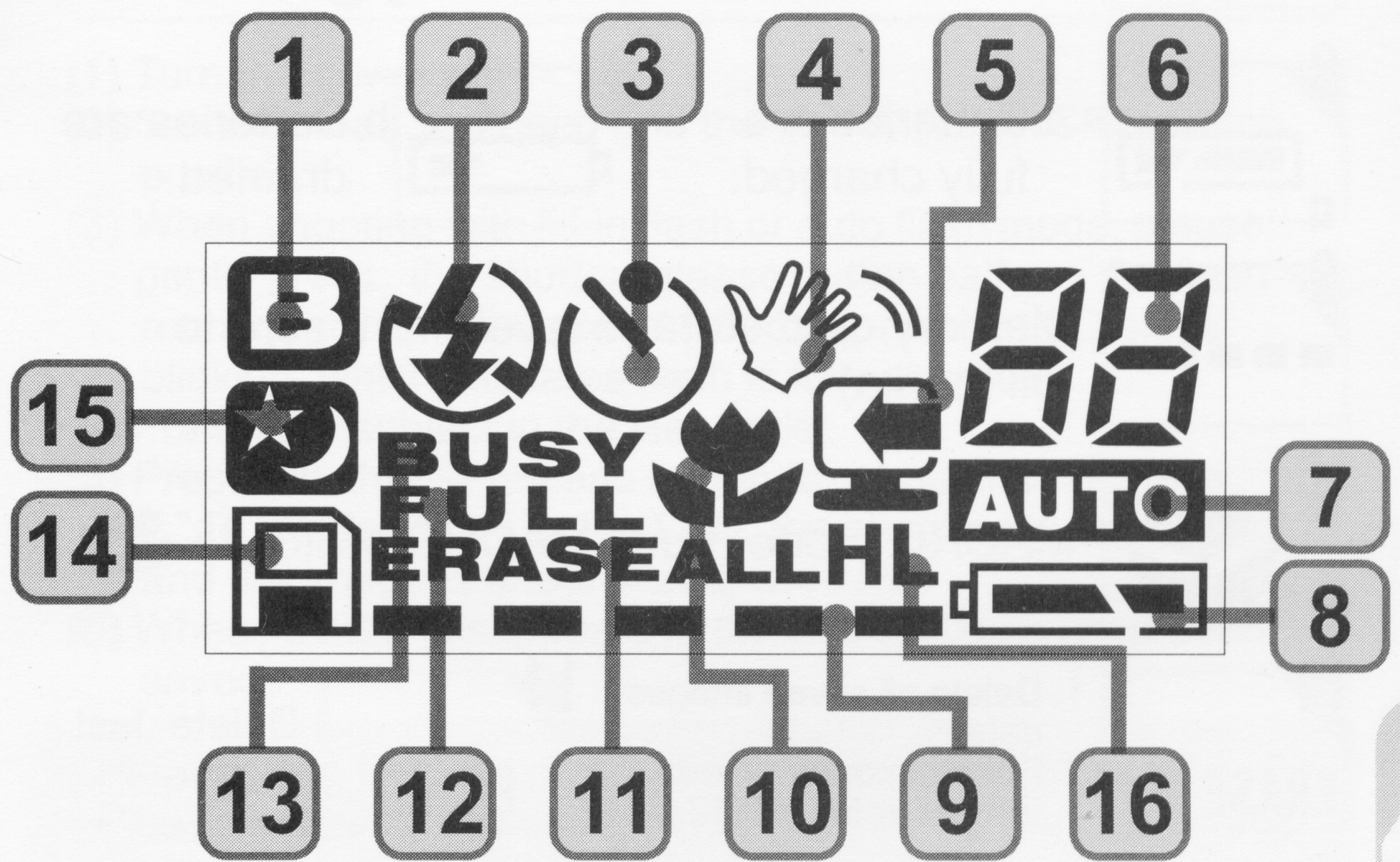
Shooting-Ready LED (Green)

● **Camera bottom:**

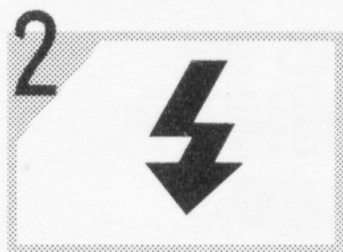


Tripod Bush

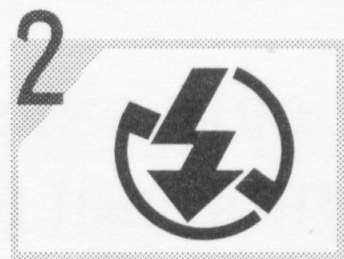
4 LCD Panel Display:



1 B shutter mode



2 a. Fill-in Flash mode



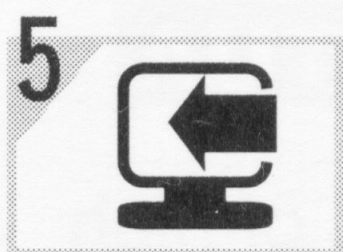
2 b. Flash Off mode



3 Self-timer



4 Warning mode : A reminder to user not to shake the camera under night scene mode and off mode. Using a tripod is recommended.



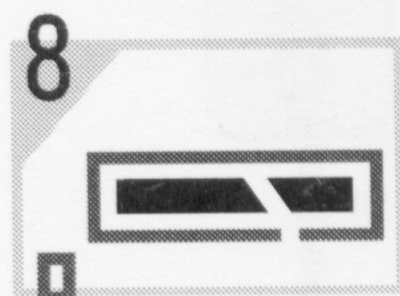
5 PC linked indicator, blinking indicates connection error.



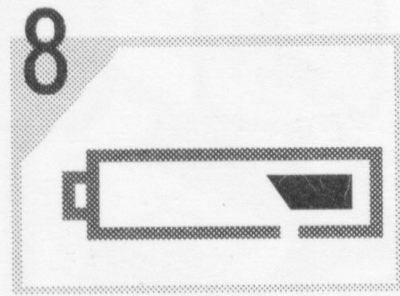
6 Frame counter



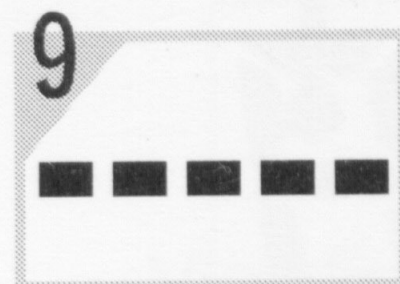
7. Auto flash mode



a. Batteries are fully charged.



b. Batteries are drained.



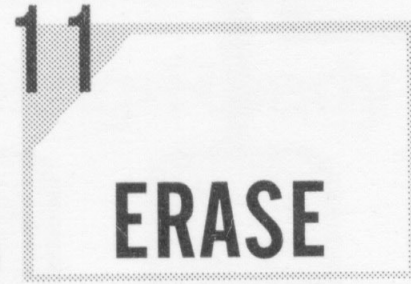
Memory card storage level (from zero to full marks)



MACRO mode (push MACRO switch to )



1. Delete all saved images data.
2. Format memory card
(Please refer to P.12,P.15)



Delete last picture



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

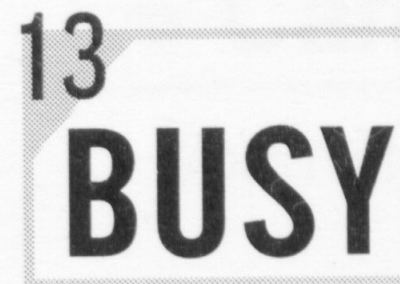
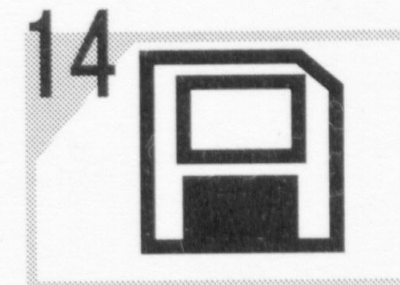


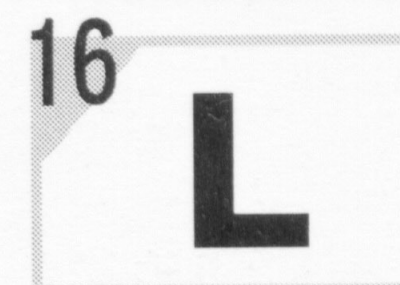
Image is being saved to memory card, please wait for a moment to take the next picture.



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



Night scene mode



Images of normal quality



Images of high quality

5

Basic operations:

● Taking pictures:

- (1) Turn the power on.
- (2) Set the mode you need and the NORMAL/MACRO switch position.
- (3) When shooting with fill-in flash or auto flash mode, please gently press the shutter release button halfway for flash recharging, until the green (shooting-ready) LED stops blinking, which indicates flash is fully charged.
- (4) Frame the subject in the viewfinder.
- (5) Press the shutter release button for about 1.5 seconds, if "BUSY" appears in the LCD, the shooting is completed, and the image is under saving process.
- (6) When "BUSY" disappears in the LCD, images have been saved.

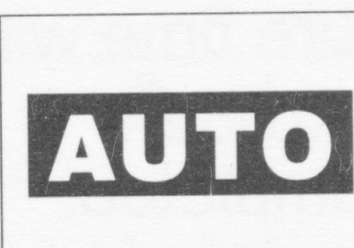
- ※Please keep the lens clean to ensure image quality.
- ※Please use a lintless cloth to gently clean the surface of lens.

● Delete pictures:

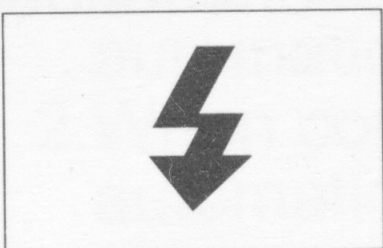
- (1).Delete last picture: press the DEL button and last picture will be deleted.
- (2).Delete all pictures: press and hold the DEL button for about 3 seconds till "ERASE ALL" is displayed. Then press the shutter release button and all of the pictures in memory card will be deleted.

● Using flash:

■The camera has three flash shooting modes:



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 conditions or back light situations, it is recommended to use this mode.



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

Note:

To save power, the flash recharging is designed to use manual control. Shooting under Auto Flash or Fill-in flash modes, be sure to gently press the shutter release button halfway for recharging flash, till green (shooting-ready) LED stops blinking, indicating charging completion so the flash can function properly.

● **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) Use a tripod or a steady support to hold the camera firmly
 - (3) Compose the picture.
 - (4) Press the shutter release button.
 - (5) Red self-timer lamp light will blink for about 10 seconds before shutter is released.

● **Night Scene:**

- To take pictures with an evening or dark background, use this mode.
 - (1) Press the mode button to Night scene mode.
 - (2) Press the shutter release button (maximum exposure time will be one second).
 - (3) When the "BUSY" sign disappears, shooting is completed.
 - (4) When taking pictures under this mode, tripod is recommended for holding the camera firmly.


● B Shutter:

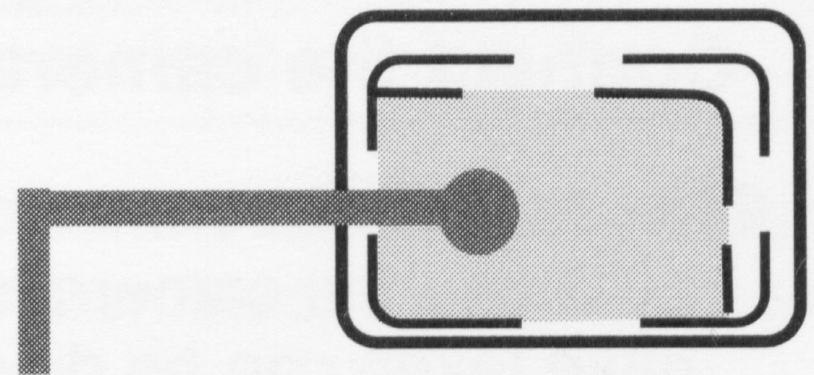
■ This mode enables control of the exposure for longer exposure time.

- (1) Press the mode button to B shutter mode
- (2) Press and hold the shutter release button halfway, LCD counter will display exposure time ("1" is for one second, "2" is for two seconds, and the rest will be deduced accordingly.) and then fully press the shutter release button, the shutter will be released and stay open until you stop pressing the shutter release button.
- (3) Exposure time can be connected to the computer through PC mode, and be corrected or saved by "FOTOBEE" software. (Exposure time can be adjusted from one to nine seconds.)
- (4) When taking pictures under this mode, a tripod is recommended for holding the camera firmly.

● Macro mode:


■ Under "MACRO" mode, focus is set at 20 cm. Macro mode provides a close-up function.

- (1) Push the Macro switch to "  ".
- (2) Only flash off mode is available under MACRO.
- (3) Press the shutter release button
- (4) When the "BUSY" sign disappears, shooting is completed.



※ Focus your subject within bright frame of the viewfinder

Important Note:

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

● Automatic power saving function:

1. Under normal operation condition, the camera will shut off automatically after being idle for 1 minute.
2. When connected to the PC, camera will be shut off automatically after being idle for 2 minutes.

● Using memory card:

- One memory card is enclosed with the camera. Additional memory cards (SSFDC 2MB only) are also available. Please ask 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:

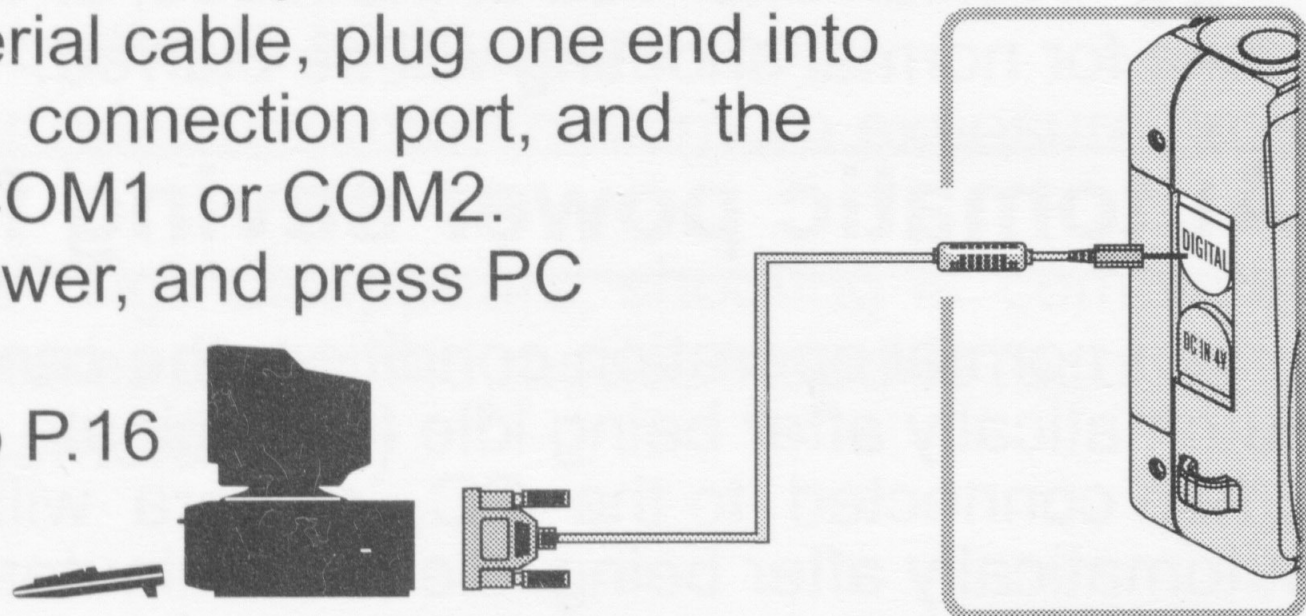
Format: Insert a new memory card, and press "DEL" button for 3 seconds until "ERASE ALL" shows in the LCD, and then press the shutter button. The memory card is formatted.

Note:

1. When removing the memory card, please be sure to turn off the power to avoid causing damage to the memory card.
2. This camera is designed to limit the memory card to its own format, which is not a DOS format. The "SSFDC" memory card, once used in the camera, is not compatible with other DOS format systems.

Connect the camera to your personal computer:

- Press the PC connection button until "  " shows in the LCD, and the camera is linked with PC. The pictures you have taken can be downloaded through the software provided and be shown on the computer screen. Of course, you can save or delete further, or adjust the images.
(1) Please download the " FOTOBEE " software the camera provided into your computer and activate.
(2) Prepare the serial cable, plug one end into the computer connection port, and the other end to COM1 or COM2.
(3) Turn on the power, and press PC button.
(4) Please refer to P.16 for software operations.



Camera side enlarged diagram

6

Software operation:

● Software installation:

1. Start Windows95
2. Insert the "FOTOBEE "software CD into CD-ROM Drive
3. Select (double click left mouse key) "My Computer" and activate (double click left mouse key) CD-ROM icon.
4. Select (double click left mouse key)"SETUP" icon.
5. Follow the instructions shown on the screen.

● Connect to the camera:

1. Conect serial cable to camera and other end to the PC's COM port Turn on camera.
2. Start FOTOBEE software, and select FILE/Preference to ensure if it's compatible with the serial port.
3. If you are not sure which serial port to use, please select FILE/ Ping port, which will automatically select the right serial port for you.
4. Select CAMERA/Load Index Image, it will start compressing the image data to transmit them to your PC in index size form.
5. When the mark on the right upper corner stops turning, the image transmission is completed.
6. Select the pictures to be transfered by double clicking left mouse key, VGA (640x480) images will be transmitted from the camera to the computer.

● SAVE & DELETE IMAGES:

1. When saving the images, please choose the image you want to save and then select FILE/SAVE. If you want to save in your own file name, please select FILE/SAVE AS.
2. If you want to obtain the images stored in the computer, please select FILE/OPEN.
3. Select CAMERA/DELETE ALL to delete all images. Please note this action will also delete the images stored in the camera.

● Functions Menu:

File Edit Camera Image Help

● FILE:

[Open] :Loading IMAGE FILE from disk

[Save] :Saving one file

[Save All]:Saving all files

[Save As]:Saving files under another new file name

[Print]: Printing the current image

[Print Preview]: Preview the images for printing

[Print Setup]: Setup the printer for printing

[Print Position]:

1.A4 Paper Mode: You can decide to print 8 pictures at different positions on one A4 size paper.

2.A6 Paper Mode

3.Other paper mode

[Option]:

1.Background:Setting the background's color.

2.Sound: Mute, Speaker or Wave can be chosen to set.

[Preference]: Set the serial port that is connected to the camera.

[Ping port]: Detect the COM port that is connected to the camera.

[Exit]: Exit the software

● EDIT:

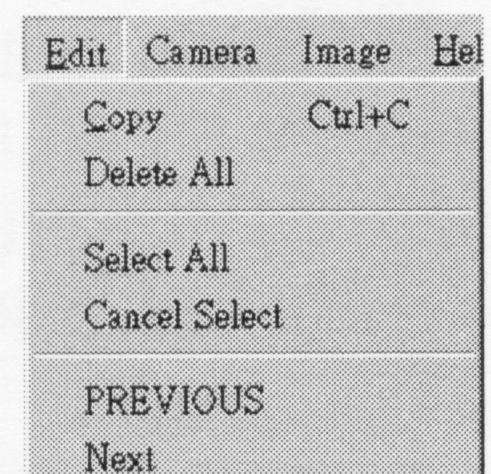
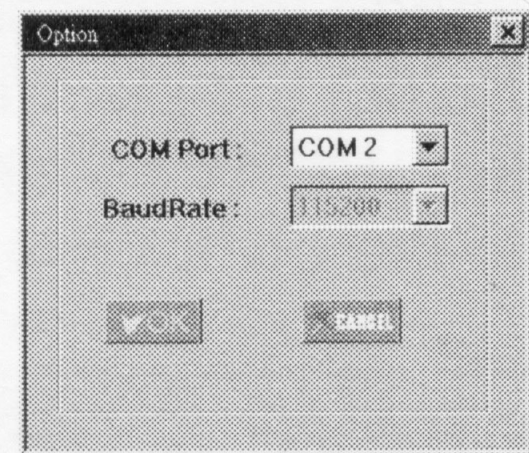
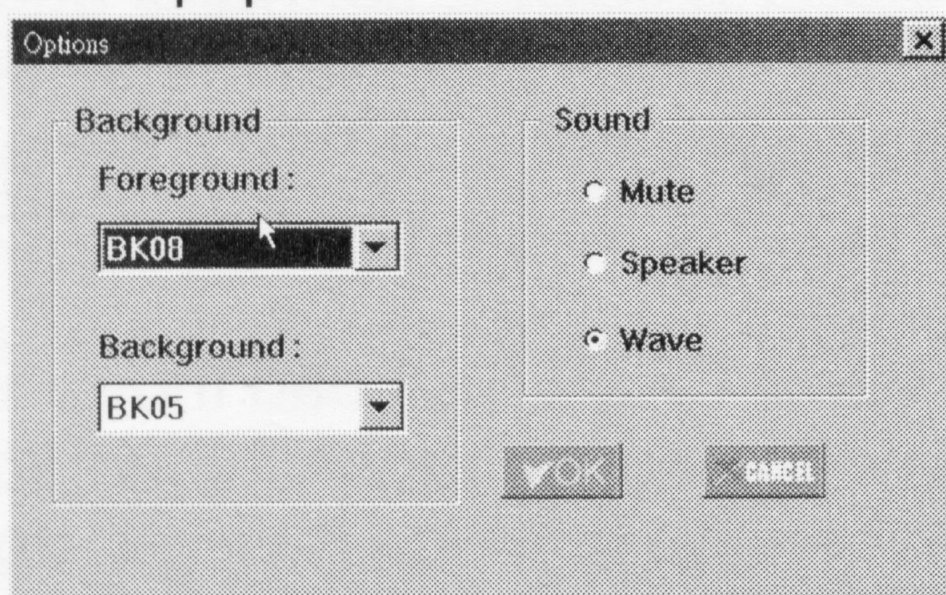
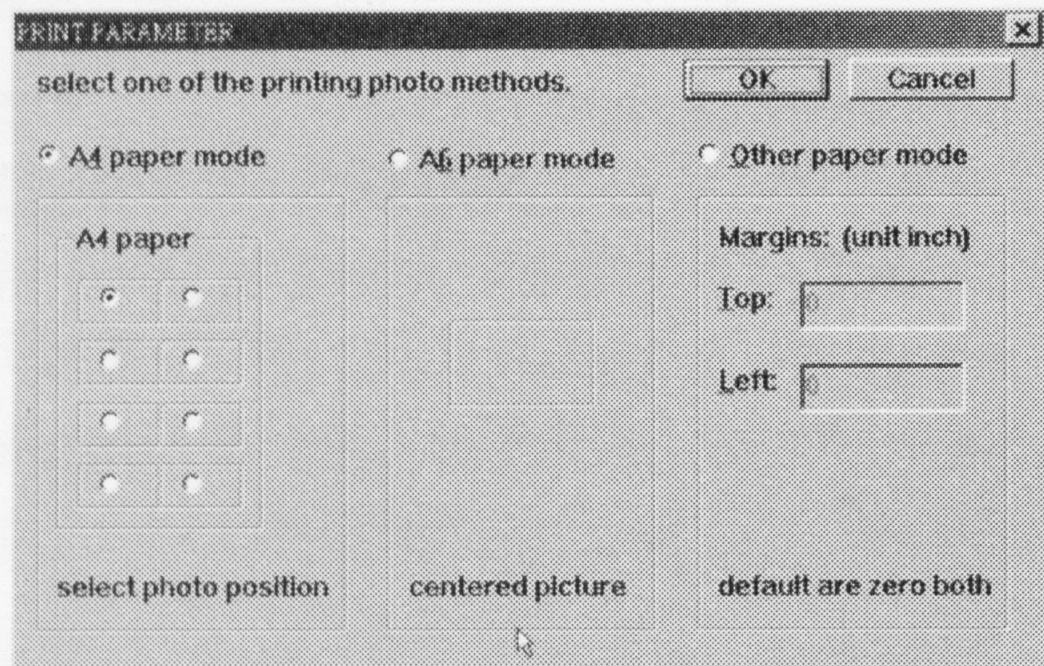
[Copy]: To copy images directly from FotoBee either to an image application software (Adobe, Image Expert etc.) or to MS-Word file.

[Delete All]: Delete all images

[Cancel Select]: Cancel your selection

[Previous]: Roll the screen up

[Next]: Roll the screen down



● CAMERA :

[Load Index Image]: Load index images from the camera

[Load Images]: [Double click] Load the selected images

[Load All Images]: Load all images

[Bulb Mode]: Set the exposure time of B shutter mode.

※The above functions can only be used when PC is connected to the camera.

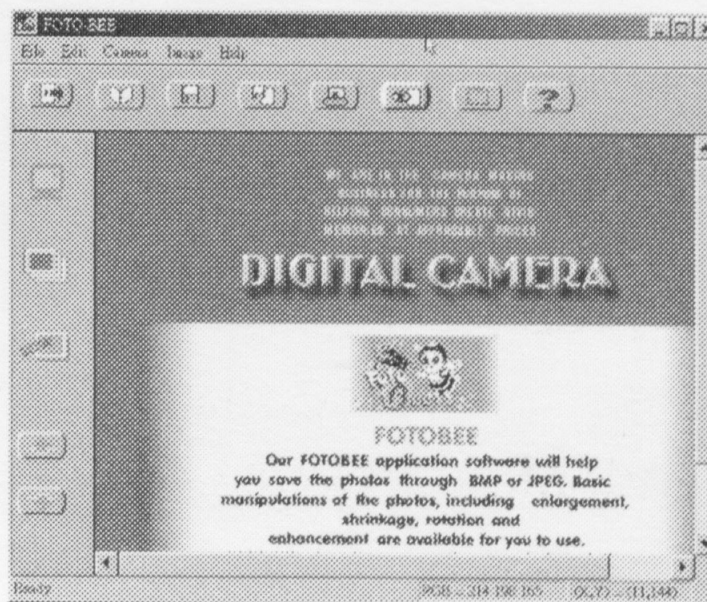
● IMAGE :

●Select IMAGE to change the pictures:

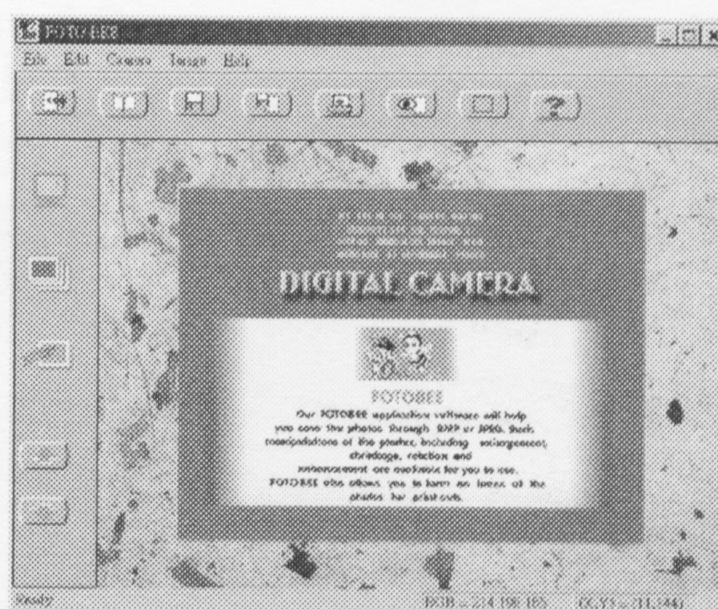
a.**OVER VIEW:**To contract the picture at smaller size enabling you to see picture easily.

b. **NORMAL:** Displays image at full size(640X480).

c.**ZOOM IN :**When same size picture shown on the screen, select the mode to draw the image closer.



d.**ZOOM OUT:** When same size picture shown on the screen, select the mode to draw the image farther.



e.ROTATE/FLIP:

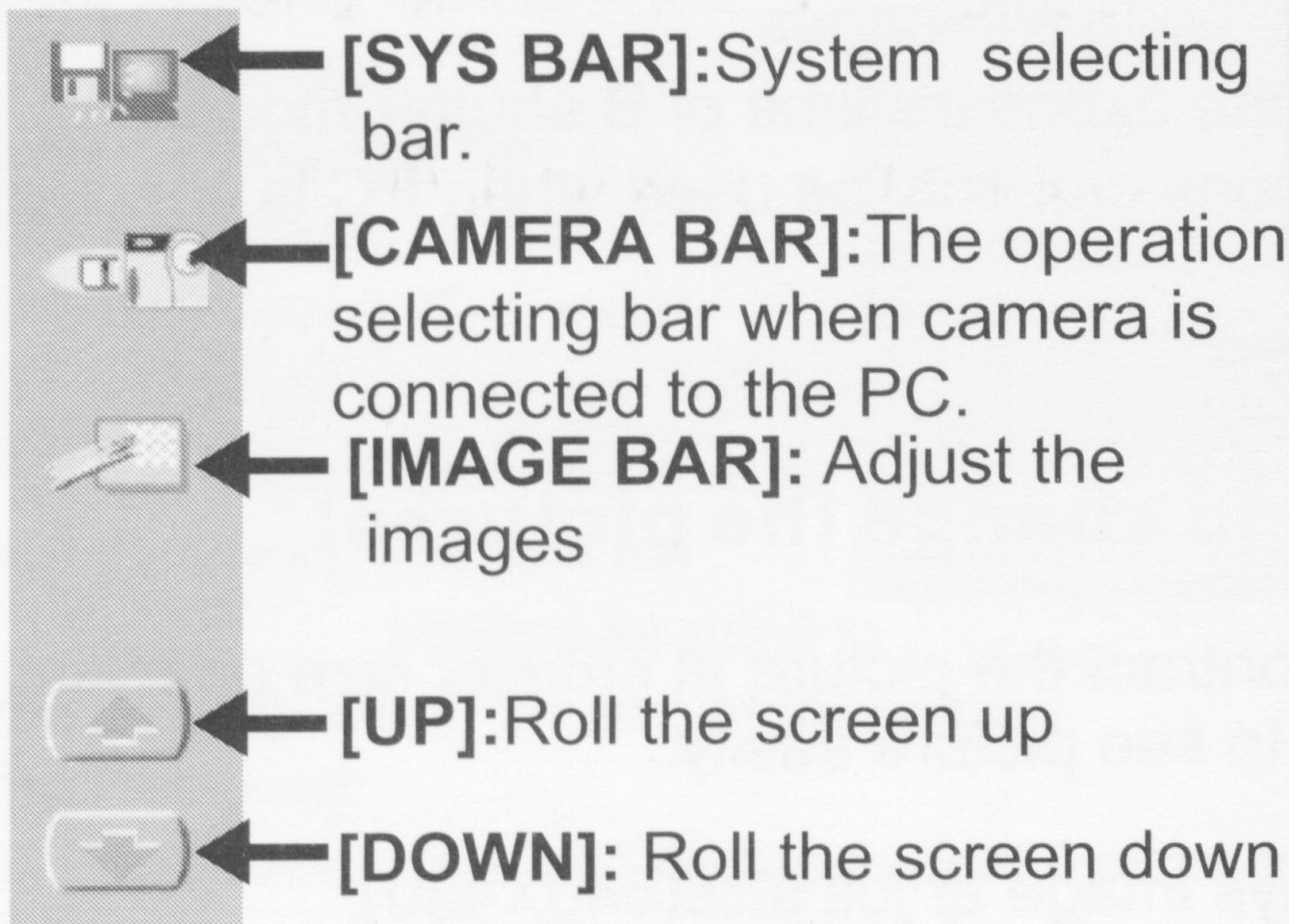
- 1.Turn right 90d : Rotate 90° right the picture
- 2.Turn left 90d : Rotate 90° left the picture
- 3.Turn 180d : Rotate 180° the picture
- 4.Flip Vertical : Flip top to bottom the picture
- 5.Flip Horizontal : Flip side ways the picture

f. **RESIZE:** Select new size

● Tool bars:

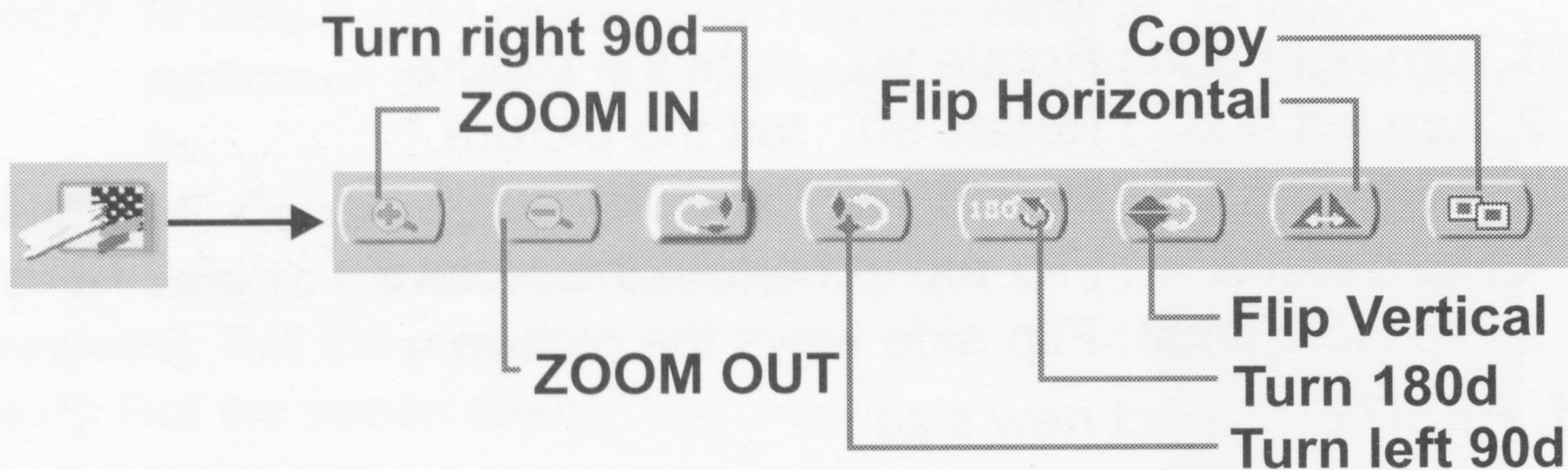
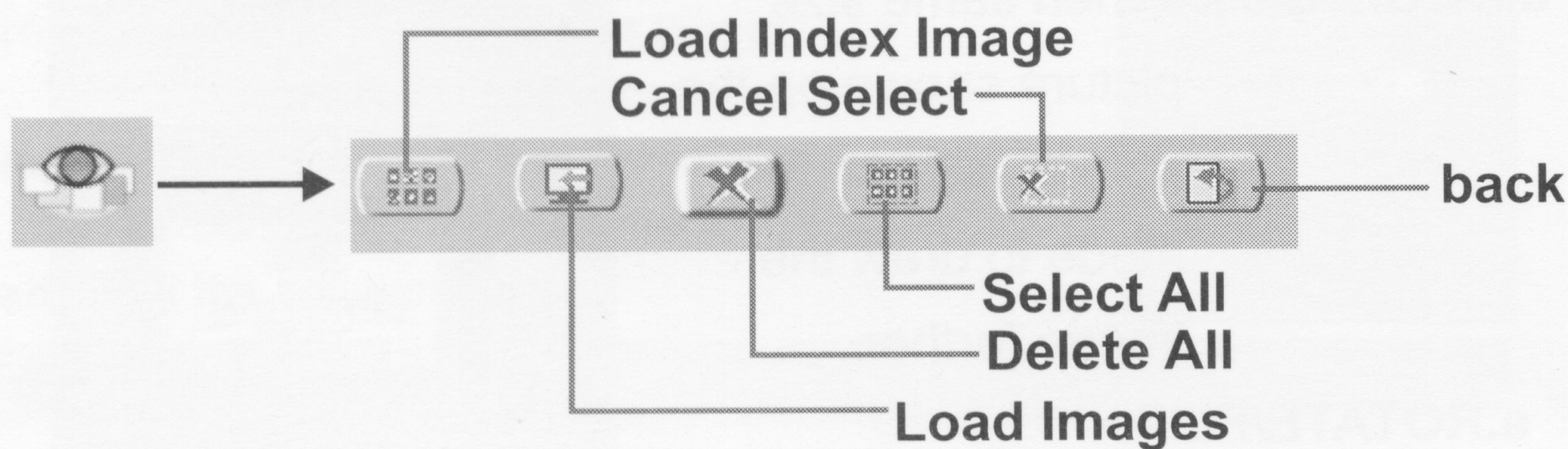
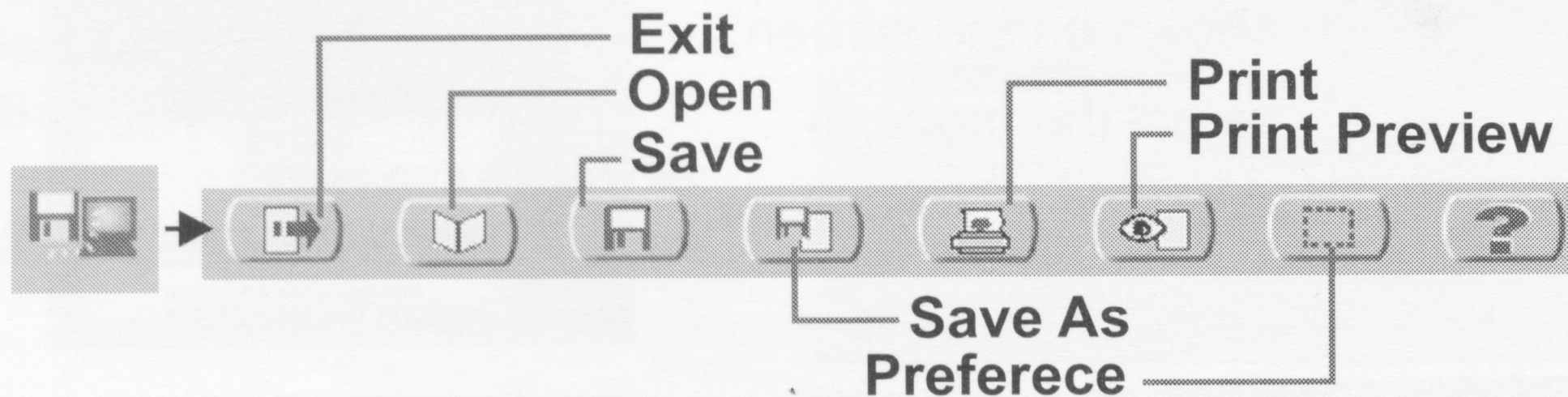
■ There are two tool bars on the left and upper side of the screen:

● Left side tool bar



※ Upper side tool bars will be changed according to user's selection layer. Please refer to the functions explained in previous sections of this manual for the icons shown in the upper side tool bars.

● Upper side tool bar:



● FOTOOSEE :

■ FOTOOSEE: It provides users an easy-to-see tool. When all pictures are saved through FOTOBEE, you can use the SLIDE SHOW of FOTOOSEE to see all pictures one by one you have taken. Before using it, Please note:

1. Please collect all images under same directory
2. Please save all pictures under BMP format.

● For using FOTOOSEE, please follow procedures as below.

1. Start FOTOOSEE software
2. Please select particular picture to see on the screen.



3. There are 2 seconds, 5 seconds and 10 seconds choices for you to choose the time interval you want between the SLIDE SHOW pictures.
4. Please select "SLIDE SHOW" to see pictures.
5. Please select "ZOOM IN" or "ZOOM OUT" to contract or enlarge images when using side show.



7 DSC Specifications:

- Resolution: 640 x 480 Pixels (VGA)
 - CCD Resolution :1/4" 350K Pixels
 - Film speed index: Equal to ISO 40
 - Color :24 bit
 - Memory card: SSFDC 2MB flash memory, store up to 18 images (average).(Not compatible with 4 8 16 32)
 - Flash: 2.5m at maximum
 - Self timer: 10 SEC.
 - Focus range: 20cm (Macro), 50 cm~∞
 - Focus: 2 steps, manual(Macro / Normal)
 - Shutter speed: 1/20~1/10000 second(off mode)
1~9 second(bulb mode)
 - Lens Aperture: F2.8
 - Focal length: 5.23mm
 - Tripod bush: UNC 1/4 inch x 20
 - Dimensions: 84(L) x 30(W) x 80(H) mm
 - Weight :122g (without batteries)
 - Power :2 AA Alkaline batteries or 3V/1.2A AC adapter
 - Operation temperature: 5° C ~ 40° C (Humidity: 45° ~ 80°)
 - Storage Temperature: -20° C ~ 55° C
 - Interface: RS-232C, Length 1.8m
 - Viewfinder:The reversed Galilean Viewfinder
- ※ All specifications and design are subject to change without prior notice.

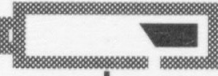

8 Cautions:

- 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 connect the adapter, or 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.
- RS-232C cables longer than 3 m may cause connection problems.

● Troubleshooting:

- Please refer to the procedures below to check step by step. If the problems can not be solved, please contact attached 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 shown	Batteries are too low to run the camera, please replace with new batteries.
 Icon is blinking, and power automatically cuts off after 5 seconds.	Batteries are too low to run the camera, please replace with new batteries.
 Icon shown	Batteries are too low to run the camera, please replace with new batteries.
"FULL" is blinking.	Memory card is full, delete the images stored, or replace with new memory card.
"E1" is blinking, and power automatically cuts off after 5 seconds.	DRAM error. Return the camera to the dealer for service.
"E2" is blinking, and power automatically cuts off after 5 seconds.	1. Please check if the memory card is inserted correctly. 2. SSFDC error. Return the camera to the dealer for service.
"E3" is blinking, and power automatically cuts off after 5 seconds.	CDS error. Return the camera to the dealer for service.
"E4" is blinking, and power automatically cuts off after 5 seconds.	EEPROM error. Return the camera to the dealer for service.

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Distributed by:

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ACN: 000 064 433

114 OLD PITTWATER ROAD
BROOKVALE NSW 2100,
AUSTRALIA.

0401AAJ6

AXIS

Digital

CAMERA

POCKET SIZE

BUILT-IN-FLASH

FOCUS FREE

24 BIT COLOUR

640 x 480 PIXEL (VGA) RESOLUTION

SOFTWARE ON CD

CASE + STRAP INCLUDED

2AA BATTERIES INCLUDED



Technical Specifications

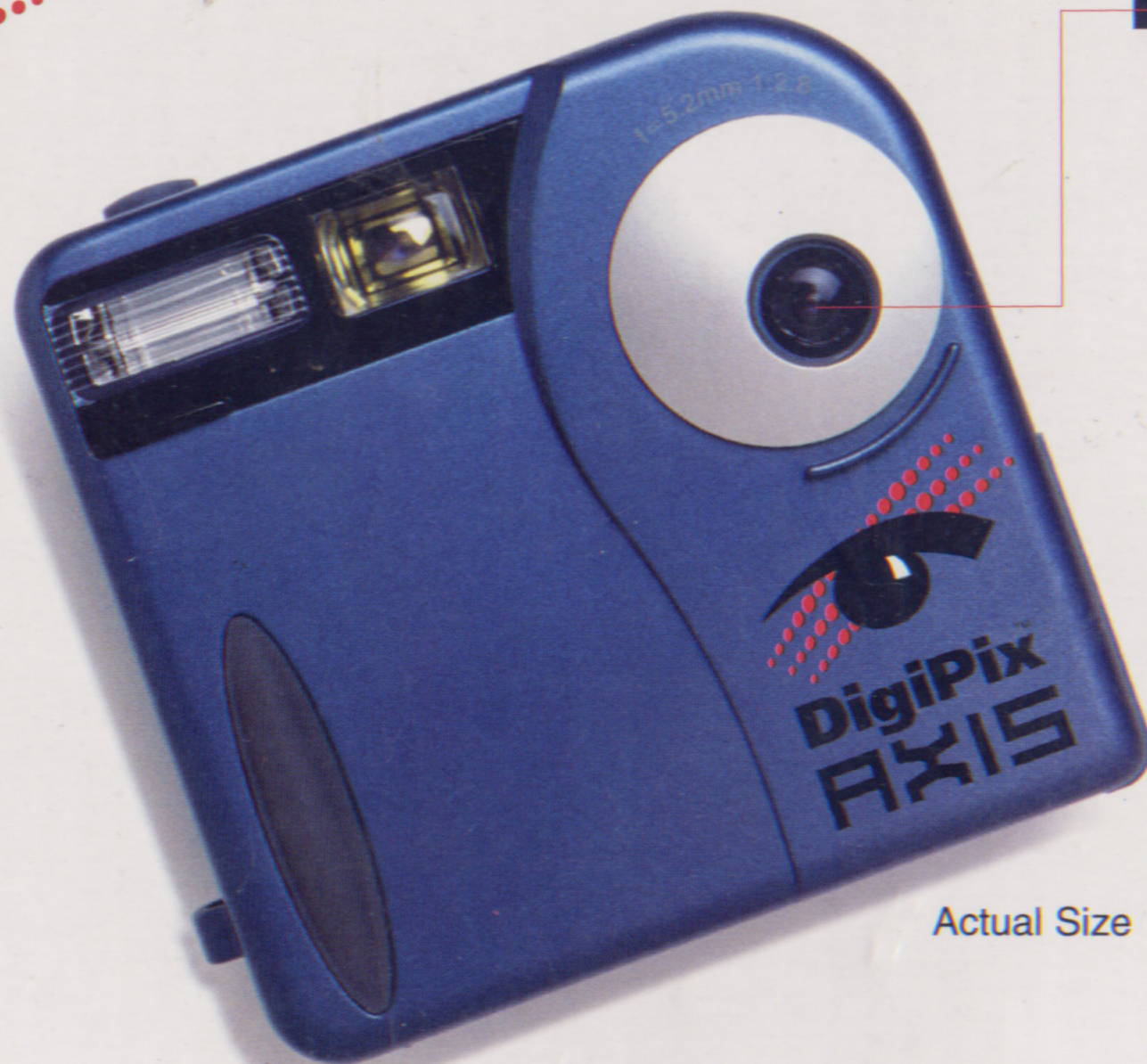
DigiPix™ AXIS Digital Camera

CCD sensor:	1/4-inch CCD with 350,000 pixels
Resolution:	640x480 pixels (VGA), 24 bit colour
File format:	DPCM
Storage media:	2MB (3.3V) SmartMedia™ Card (SSFDC)
Number of images:	18 (maximum)
Lens focal length:	5.23mm (equivalent to 50mm with 35mm camera)
Lens aperture:	F2.8
Focus range:	50cm~∞, 20cm macro
Sensitivity:	Equivalent to ISO 40
Shutter speeds:	1/20~1/10000 sec (off mode), 1~9 sec (bulb mode)
Viewfinder:	Optical reversed Galilean viewfinder
Flash range:	1~2.5m
Digital interface:	RS-232C
Power source:	2 AA alkaline batteries or optional AC-3V adaptor
Battery life:	up to 500 shots (without flash) or 250 shots (with flash)
Dimensions:	84(L)x30(W)x80(H)mm
Weight:	122g (excluding batteries)
Self timer:	10 second
Additional functions:	Bulb mode, night scene mode
Operating system:	Windows® 95, 98 and NT
Included accessories:	Hand strap, camera case, 2 AA alkaline batteries, serial cable, CD-ROM (image transfer & editing software)
Optional accessories:	AC-3V power adaptor

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MADE IN CHINA



Actual Size

DigiPix
AXIS



Digital

CAMERA

System Requirements

- 486 or Pentium-based PC (Pentium recommended)
- Windows® 95, 98 or NT
- 16MB RAM
- CD-ROM Drive
- 30MB hard disk space



Digital

CAMERA

Contents

- DigiPix AXIS Digital Camera
- Software CD
- User Guide
- Camera Case & Strap
- PC Serial Cable
- 2Mb Memory Card
- 2 AA Batteries





Blue

Green

Red

Barcode

Distributed by:
Hanimex Pty Limited ACN 000 064 433
108 Old Pittwater Rd Brookvale
NSW 2100 Australia

Digital

CAMERA

AXIS

AXIS

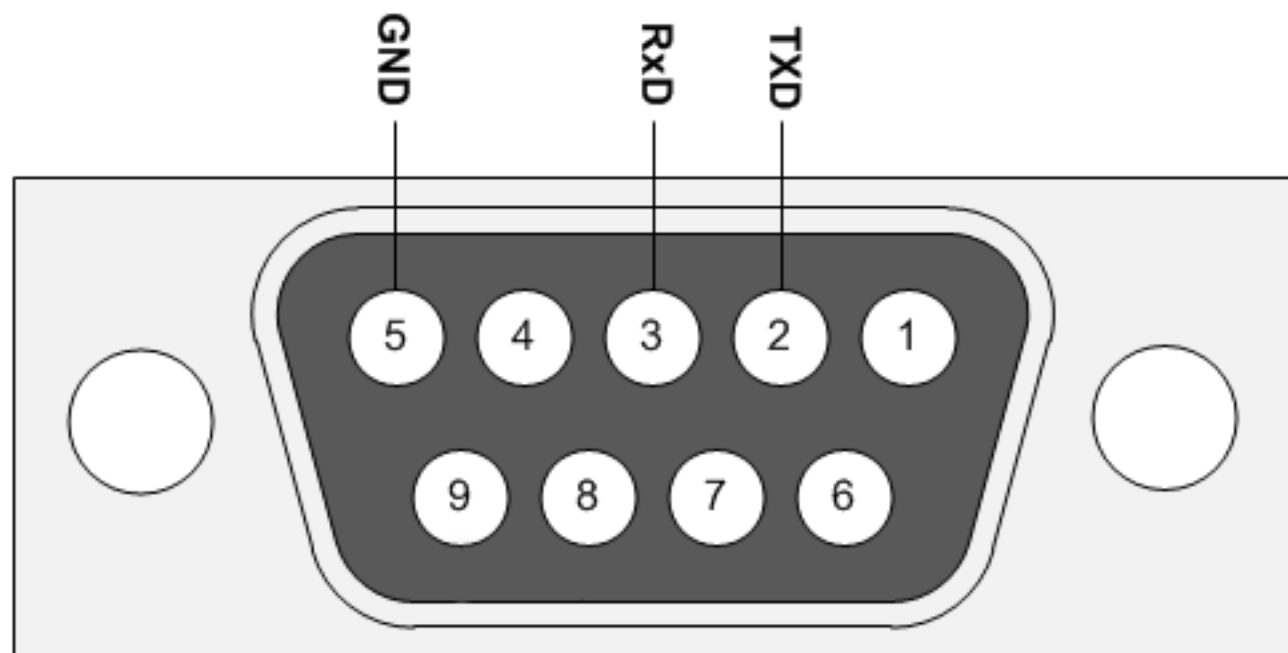
AXIS

AXIS



**Digital
Cameras**

**RS-232 Connector Pinout
DCE (Device Side)
DE-9 Female Connector**



Based on image by Cody.hyman
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File:RS-232_DE-9_Connector_Pinouts.png](https://commons.wikimedia.org/wiki/File:RS-232_DE-9_Connector_Pinouts.png)
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3.5mm TRS plug

