

English

Multi-Functional

Zoom

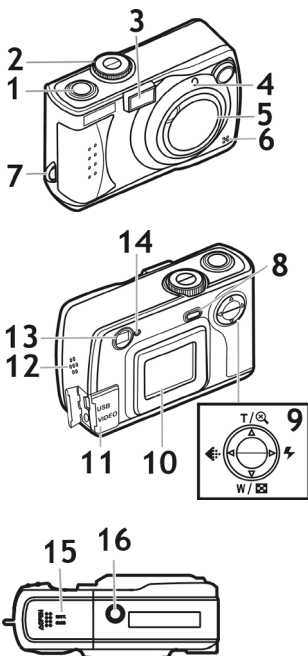
Digital Camera

User Guide

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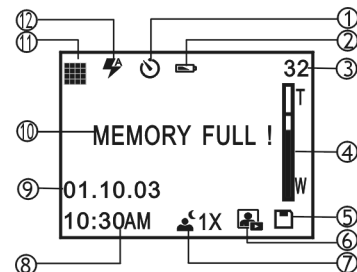
IDENTIFYING THE PARTS



1. Shutter button
2. Mode dial
OFF(Power off)/ (Record)/
 (Playback)/ (LCD Menu)
3. Flash
4. Self-timer LED
5. Lens cap
6. Microphone
7. Strap holder
8. LCD/Delete button
 (LCD On/Off)/ (Delete)
9. Control button
/ : Resolution/Left
/ : Flash/Right
T/ / : Telephoto/Zoom/Up
W/ / : Wide angle/multi-page/Down
10. LCD display
11. USB and A/V port
12. Speaker
13. View finder
14. Power indicator
15. Battery and SD/MMC card cover
16. Tripod mount

LCD DISPLAY ICONS

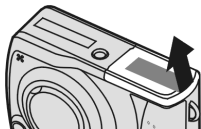
1. Self-timer
2. Battery low (🔋): The power goes off in few seconds when it starts to blink.
3. Image counter
4. Zoom lever
5. Memory card: A memory card is loaded. (📁: The card is locked for writing.)
6. Quick review
7. Long exposure
8. Time (HH/MM)



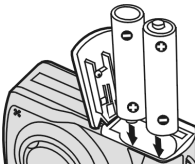
9. Date (MM/DD/YY)
10. Attention message
11. Resolution
12. Flash

PREPARATION

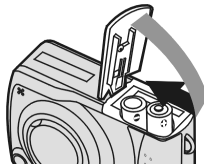
Loading batteries



a. Open the battery and SD/MMC card cover

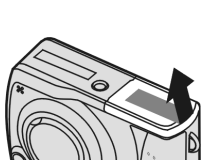


b. Insert batteries as shown above

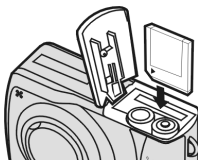


c. Close the battery and SD/MMC card cover

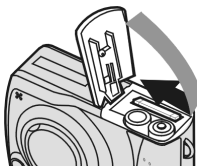
Inserting SD/MMC card (not supplied)



a. Open the battery and SD/MMC card cover



b. Insert the card as shown above. Push the card all the way in until it is securely locked.

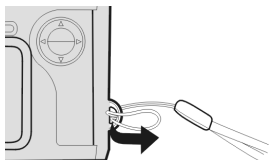


c. Close the cover.

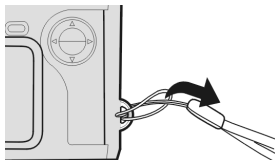
To remove the card
Open the cover, then push in the card to pop it out.



Attaching the strap




a. The small loop goes through the strap holder.

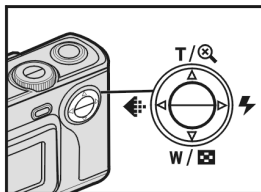


b. The big loop goes through the small loop and pull tight.


CAMERA SETTINGS











Record mode

Set the mode dial to  mode. Press the below buttons to make settings before taking pictures.




Resolution









Press the  button repeatedly to circle through the settings.

| | | |
|---|---|----------|
|  |  | HIGH |
|  |  | FINE |
|  |  | VIDEO |
|  |  | AUDIO |
|  |  | STANDARD |



Flash

Press the  button repeatedly to circle through the settings.

| | | |
|---|---|---------|
|  |  | OFF |
|  |  | ON |
|  |  | AUTO |
|  |  | RED-EYE |



Wide angle (Zoom Out)


Press the **W** button until zoom meter toward W to take a wider picture.



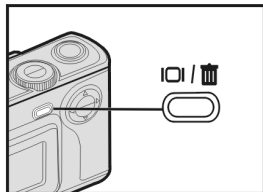
Telephoto (Zoom In)

Press the **T** button until zoom meter toward T to take a close-up picture.


LCD Backlight On/Off

Press the  button to set LCD backlight ON or OFF.






* Switch LCD backlight off to save power.






Playback mode

Set the mode dial to  mode. Press the below buttons to make settings before taking pictures.




Playback Zoom

Press the  button to view a bigger size of the image. Press  /  /  /  to view another area of an image. Press **Shutter** to exit.

Multi-page






















Press the  button to play up to 6 images at a time. Press  /  to view previous or next image.

Delete

Press the  button to select DELETE ONE or DELETE ALL. Press  **NO** or **YES**  buttons to delete or not to delete.



LCD menu (⏏)

1. Set the mode dial to ⏏ mode to enter the LCD menu.
2. Press the Δ/∇ buttons to select the item, and press the \triangleright button to change settings.

| Items | Settings | Items | Settings |
|---|---|---|--|
|  | Self-timer: OFF → ON |  | LCD Auto shutdown: ON → OFF |
|  | Long Exposure: OFF → 1X → 2X → 3X → 4X |  | Information: ON → OFF |
|  | Exposure: Auto → +1.0 → +0.5 → -0.5 → -1.0 |  | Button Beep: ON → OFF |
|  | White Balance: AUTO →  (Daylight) |  | Date/Time Mark: NO →  (Date) →  (Date/Time) |
| | →  (cloudy) |  | Date Set: MM/DD/YY (month/day/year) |
| | →  (Fluorescent) |  | Time Set: HH/MM/SS (hour/minute/second) |
| | →  (Tungsten) | | |
|  | Quick Review: OFF → ON |  | Video System: NTSC → PAL |
|  | ISO Sensitivity: Auto → 100 (high light source) → 200 (low light source) |  | Formatting the memory card: NO → YES |
| | |  | Restore Default Set: NO → YES |

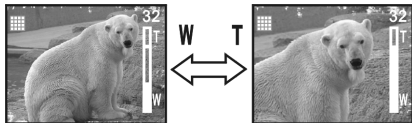
TAKING PICTURES

Taking still pictures

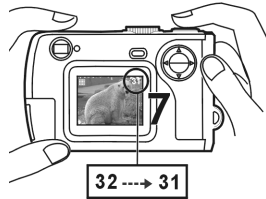
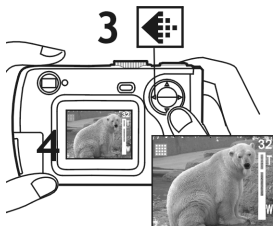
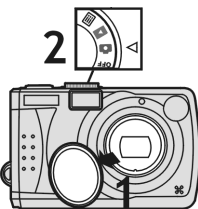
1. Remove the lens cap
2. Set the mode dial to  mode.
3. Press the  button repeatedly to select a resolution.
4. Position the subject in the viewfinder or in the LCD display.

To use the zoom




Press zoom lever toward **W** to zoom out. Press zoom lever toward **T** to zoom in.

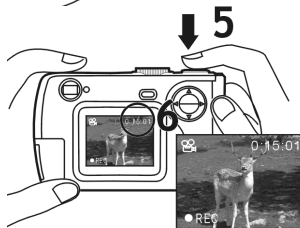
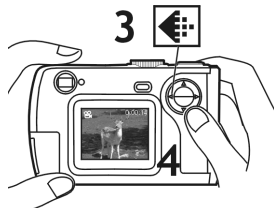
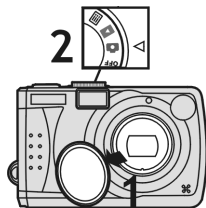


5. To focus on the subject, press the shutter button, halfway down.
6. To start shooting, press the shutter button all the way down.
7. Image counter counts down by one.






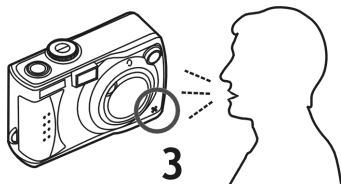
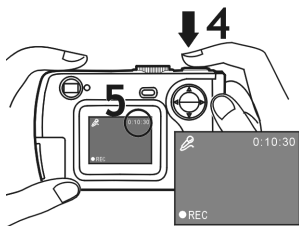
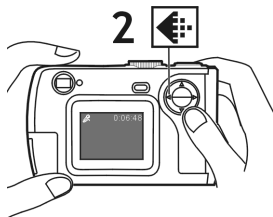
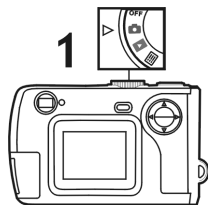
Taking videos

1. Remove the lens cap
 2. Set the Mode dial to  mode.
 - 3 Press the  button repeatedly to circle through and select  (VIDEO) icon.
 - 4 Position the subject in the viewfinder or in the LCD display that the backlight turns ON.
 5. Press the **Shutter** button to start recording.
- * To stop recording, press the **Shutter** again.
6. Image counter counts down.








Recording Sound Clips

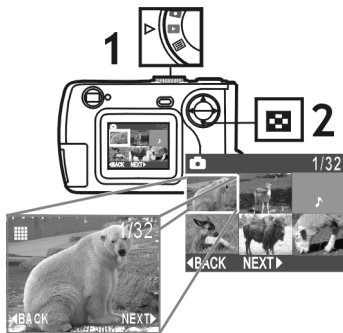
1. Set the Mode dial to  mode.
2. Press the  button repeatedly to circle through and select  (Audio) icon.
3. Position the microphone near sound source.
4. Press the **Shutter** button to start recording.
* To stop recording, press the **Shutter** again.
5. Image counter counts down.









PLAYBACK

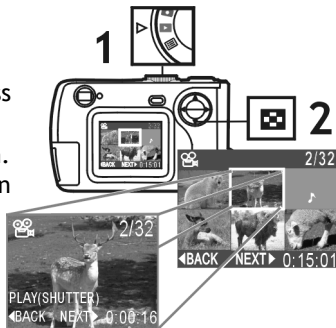
Playing pictures

1. Set the mode dial to  mode.
2. Press  (Multi-page) button. Press the /  buttons to select the picture.
3. Press  (Multi-page) button again to play a full-screen view.










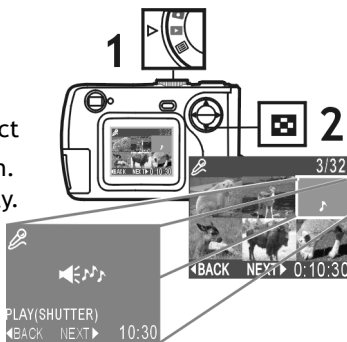
Playing videos

1. Set the mode dial to  mode.
2. Press  (Multi-page) button. Press the /  buttons to select the picture marked with the  icon.
3. Press  (Multi-page) button again to play a full-screen view.
4. Press the **Shutter** button to play. Press **Shutter** again to pause.








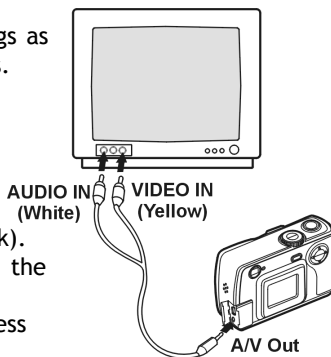
Playing sound clips

1. Set the Mode dial to  mode.
2. Press  (Multi-page) button.
Press the   buttons to select the file marked with the .
3. Press the **Shutter** button to play.
Press **Shutter** again to pause.
4. Press  to stop playing.
Press  to fast-forward.

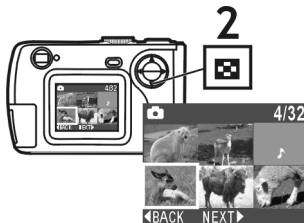
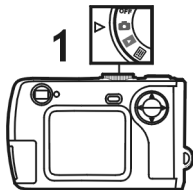


Playing videos on TV

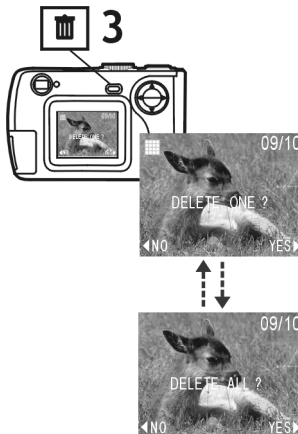
1. Set the mode dial to menu () mode.
2. Set NTSC or PAL in the  settings as same as your TV system's settings.
3. Connect your camera to a TV at VIDEO IN (yellow) and AUDIO IN (white) port via the video cable.
4. Turn on the TV.
* Select "Video" as TV input.
5. Set the Mode dial to  (Playback).
6. Press the   buttons to select the video you want to play.
7. Press **Shutter** button to play. Press **Shutter** again to pause.



DELETING FILES



1. Set the Mode dial to mode.
2. Press (Multi-page) button. Press the / buttons to select the picture/video/sound clip you want to delete.
3. Press (Multi-page) button again to play a full-screen view.
4. Press LCD/Delete() button to select DELETE ONE or DELETE ALL.
5. Select YES to delete. Select NO not to delete.
6. To exit delete mode, press LCD/Delete() button again.



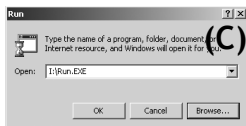
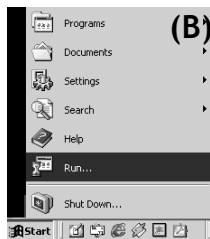
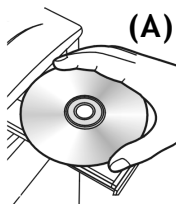
INSTALLING SOFTWARE

* For WinXP users, please refer to 'Notice to Windows XP Users' note.

1. Insert installer CD into the CD-ROM drive (see A).
2. Close the CD-ROM drive.
3. An installer wizard will automatically launch.

If the installer wizard does not appear, then;

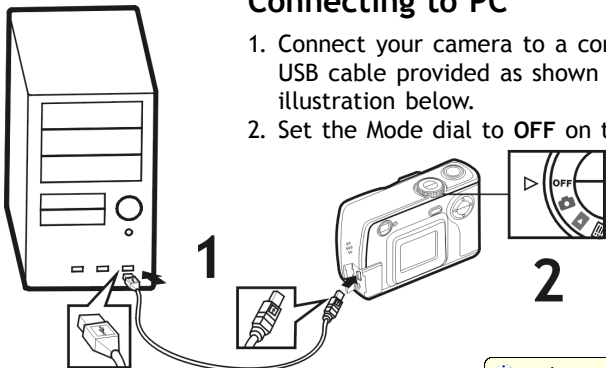
4. You can click **Start** in the Windows Taskbar. Then, select **Run** to continue (See B).
5. Click **Browse**, and select **RUN.exe** in your CD-ROM drive (See C).
6. Click **Open**
7. Click **OK**
8. Follow the on-screen instructions to complete driver installation and the bundled software.



TRANSFERRING FILES

Connecting to PC

1. Connect your camera to a computer via USB cable provided as shown in the illustration below.
2. Set the Mode dial to **OFF** on the camera.



3. In the Windows (98SE/Me/2000/XP), your PC will detect the camera after connection.

Note: For Windows 98SE users, please install the Installer CD first.

Windows XP



Windows Me/2000




Windows 98SE



4. Click **My Computer** on the desktop.
5. A removable disk drive appears.
6. Double click on the removable disk.
7. Double click on the DCIM folder.
WARNING: Please do not copy any files into the DCIM folder of your camera. Otherwise it may cause the camera unstable or crash.
8. Then, You can drag-and-drop files to your PC.

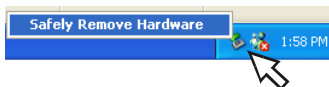
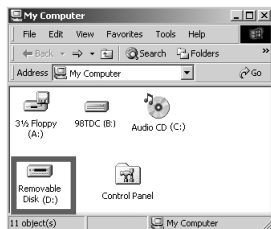
Removing the camera

Windows XP

1. Click **Safely Remove Hardware** () icon in the taskbar.
2. Select **Safely remove USB Mass Storage Device** from the menu.




Windows 98SE/Me/2000



Windows 2000/Me

1. Click **Unplug or Eject Hardware**

() icon in the taskbar.

2. Select **Stop USB Mass Storage Device** from the menu (Windows 2000).
Select **Stop USB Disk** from the menu (Windows Me).



Windows 98SE



Windows 98SE

1. In My computer, Right click on the removable disk corresponding to the camera.
2. Select **Eject** from the menu.

For MAC users

(Mac OS: 9.x and 10.1 above)


By connecting your camera to a MAC computer (referring to “Connecting to PC” on Page 14), it will automatically detect Mass Storage drive. You can easily manipulate your files the way you do in MAC user interface.


Removing the camera from Mac

1. Select the camera icon (shown as 'NO_NAME' or 'untitled' drive) on the desktop.
2. Drag and drop the drive to the Trash.

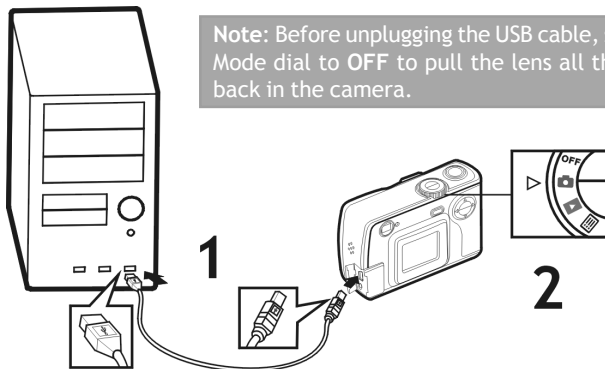
USING As PC CAMERA

(OS: 98SE/Me/2000/XP)

1. Connect the USB cable as below illustration.
2. Set the Mode dial to  mode.

Note: if you roll the Mode dial from **OFF** mode to  mode, you need to proceed “**Removing the camera**” on Page 15.

3. Start NetMeeting application in Windows.



* PC camera mode does not support Mac computers.

SPECIFICATIONS

| | |
|-------------------------------|--|
| Image Sensor | 3.1M CCD sensor |
| Resolution | Fine: 2560 x 1920 (H/W enhancement); High: 2048 x 1536 ; Standard: 1024 x 768 |
| LCD Display | 1.5" TFT LCD |
| Internal Memory | 16MB Flash |
| External Memory | SD/MMC card slot |
| File Format | JPEG/DCF/AVI/WAV |
| Flashlight | IGBT type; Auto/On/Red-eye/Off |
| Lens/Focus Length | Zoom lens/ 5.7~16.2mm equivalent 38 ~ 105mm for 135 camera |
| F.No. | Wide: F3.6/F6.5 Telephoto: F5.6/F10 |
| Focus Range | 20cm to infinite |
| Digital Zoom | 4X |
| Interface | USB/AV OUT |
| Video Frame Rate(PC cam) | 20~30 fps (320 x240) |
| Optical View Finder | Yes |
| Self-timer | 10-second delay |
| Shutter Speed | 1/15~1/2500 sec. |
| Video capture driver (PC cam) | Win98 SE/Me/2000/XP |
| Power | 1.5V AA alkaline batteries X 2 |
| Dimensions/Weight | 106 x 67.5 x 44 mm/166g |
| Mass Storage | YES (OS: Win98SE/Me/2000/XP; Mac OS: 9.X and 10.1 above |
| PC Cam Mode | YES (OS: Win98SE/Me/2000/XP) |