










English

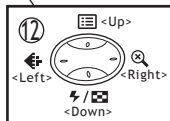
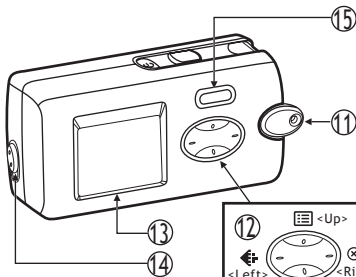
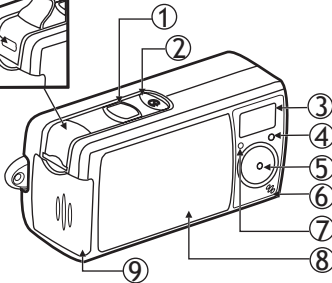
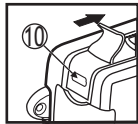
Muti-functional Digital Camera

User Guide

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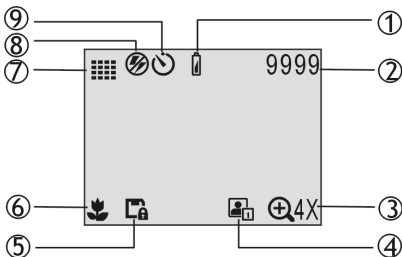
IDENTIFYING THE PARTS




1. Shutter button
2. Power button
3. Flash
4. Photo Sensor
5. Lens
6. Microphone
7. Self-timer LED
8. Lens cover
9. Battery & SD/MMC card cover
10. USB/VIDEO OUT port
11. strap holder
12. Control button
 - : Menu/Up/Exit
 - : Zoom/Right
 - : Flash/Down/Multi-image
 - : Resolution/Left
13. LCD display
14. Macro() / Normal() slide
15. Mode button
 - : Record Mode
 - : Playback Mode

EN

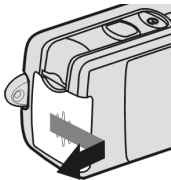
LCD DISPLAY ICONS



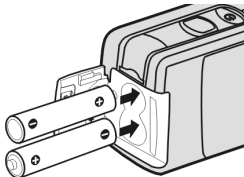
1. Battery Low: the power goes off in few seconds when it starts to blink.
2. Image counter
3. Zoom
4. Date Mark
5. Memory card
: The card is locked for writing.
6. Macro/Normal mode
7. Resolution
8. Flash
9. Self-timer

PREPARATION

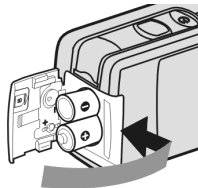
Loading Batteries



a. Open the battery & SD/MMC card cover

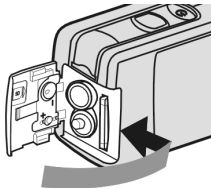
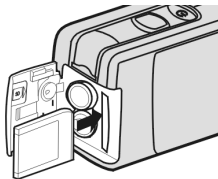
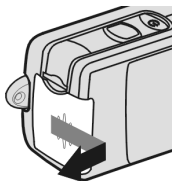


b. Insert batteries as shown above



c. Close the battery & SD/MMC card cover

Inserting the SD/MMC Card (not supplied)



a. Open the battery & SD/MMC card cover

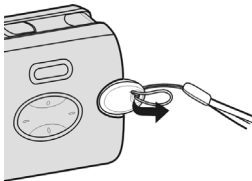
b. Insert the card as shown above. Push the card all the way in until it is securely locked.

c. Close the cover.

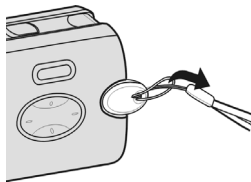
EN

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.

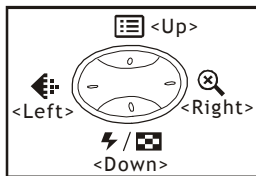


b. The big loop goes through the small loop and pull tight


CAMERA SETTINGS






Record Mode

Turn on the power. Press the below buttons to make settings before taking pictures.




Resolution




Press the  button repeatedly to circle through the settings.

	High 1600x1200
	Standard 640x480
	Video 320x240
	AUDIO
	Fine 2144x1608




Flash





Press the  button repeatedly to circle through the settings.

	OFF
	AUTO
	RED-EYE




Zoom


















Press the  button to view a bigger size of the image.

			
ZOOM 1X	ZOOM 2X	ZOOM 3X	ZOOM 4X



Menu



Press the  button to enter or exit the LCD menu. Press the <Left>/<Right> buttons to select the item, and press <Down> / <Up> to change settings.

Items	Settings	Items	Settings
	Self-timer: OFF → ON		TV Output: TV OFF → NTSC → PAL
	Photo Effect: OFF → BLUR → NATURE → SEPIA (sepia tone) → B&W (black & white)		Banding: 50Hz → 60Hz
			Information: ON → OFF
	Exposure: Auto → +1.0 → +0.5 → -0.5 → -1.0		Button Beep: ON → OFF
	White Balance: AUTO →  (Daylight) →  (cloudy) →  (Fluorescent) →  (Tungsten)		Date Set: 20YY/MM/DD (year/month/day)
			Time Set: HH/MM/SS (hour/minute/second)
			Date Mark: OFF → ON
			Restore Default Set: NO → YES
	Auto shutdown: OFF → 1.5 min.		

Record Mode - continued




Macro/Normal mode






Push the Macro/Normal slide toward  when taking close-up pictures at a range of 25 ~ 35 cm. Push toward  when taking from any other distance.

Playback Mode

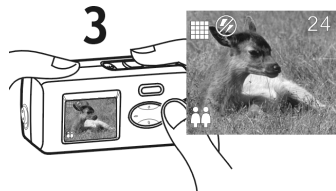
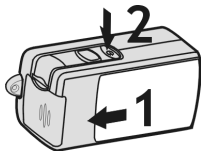


Menu

Press the  button to enter or exit the LCD menu. Press the <Left>/<Right> buttons to select the item, and press <Down> to change settings.

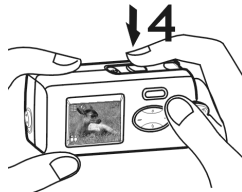
Items	Settings	Items	Settings
	Rotate: YES → EXIT Select "YES" to rotate by 90° for each time. The result can be retrieved by using Console . (Refer to page 16)		Zoom: Press <Left>/<Right>/<Up>/<Down> to view another area of an image. Press Shutter to exit.
			Delete one: NO → YES
	Formatting the memory card: NO → YES		Delete all: NO → YES

TAKING PICTURES



Taking a Still Picture

1. Slide the lens cover.
2. Turn on the power, and make sure it is in REC (📷) mode.
3. Position the subject in the LCD display.
4. Press the **Shutter** button.

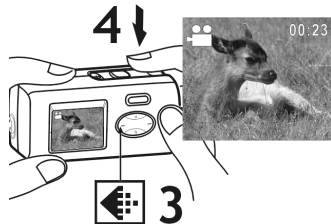


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Taking a Video

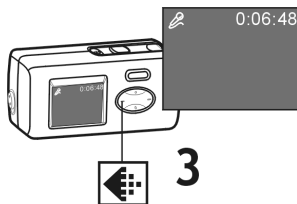
Repeating step 1 and 2 above.

3. Press the ⏮ button to select (VIDEO) icon.
4. Press the **Shutter** button to start recording. To stop recording, press the **Shutter** again.

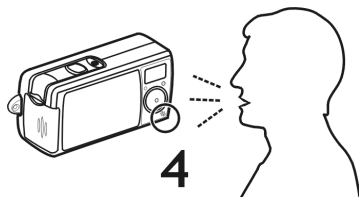
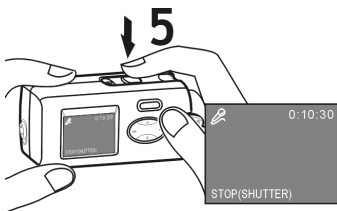


Recording Sound Clips

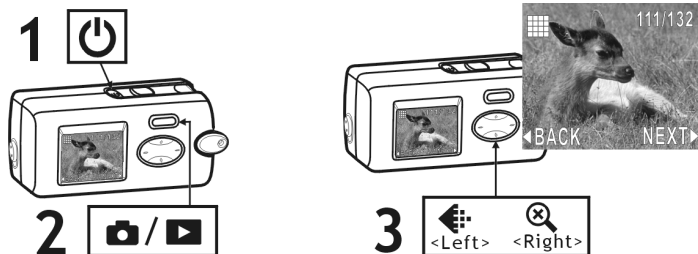
1. Slide the lens cover.
2. Turn on the power, and make sure it is in REC (📷) mode.
3. Press the  button to select  (AUDIO) icon.
4. Press the **Shutter** button to start recording. **Note:** LCD screen will turn off in few seconds for power-saving. Press control button to resume the screen.
5. To stop recording, press the **Shutter** again.



Note: Sound clips can only play on a PC, please refer to page 13.

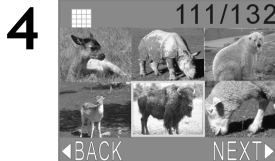


PLAYING PICTURES BACK



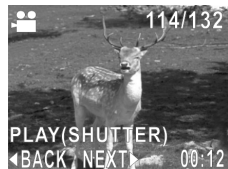
Playing the Pictures

1. Turn on the power.
2. Set the camera to Playback(▶)mode.
3. Press the <Left>/<Right> buttons to review your pictures.
4. You can review up to 6 images at a time by pressing button.







Playing the Videos

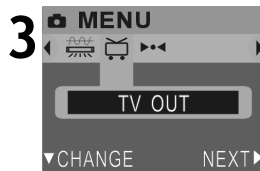
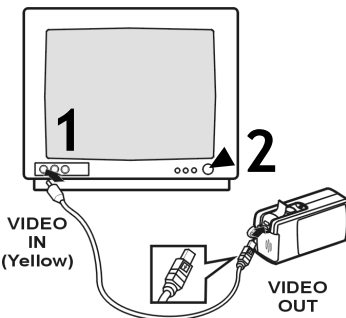
Select the picture marked with the icon and then press the **Shutter** button to play.





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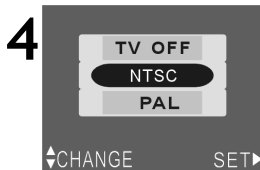
Playing videos on TV

1. Connect your camera to a TV at VIDEO IN (yellow) port via the video cable.
Note: The sound will not play on TV.
2. Turn on the TV, and select “Video” as TV input.
3. Press the  button to select  settings.
4. Set NTSC or PAL in the  settings as same as your TV system.
Note: It will take few seconds to test if the camera matches TV system correctly.
5. Set the camera to Playback()mode.
6. Press **Shutter** button to play.

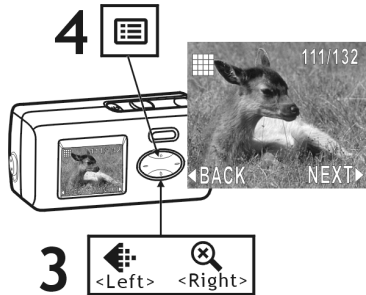
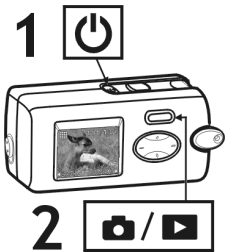


To stop TV playback

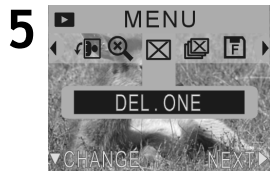
1. Set “TV OFF” in the  settings.
2. Press .



DELETING PICTURES



1. Turn on the power.
2. Set the camera to Playback mode.
3. Press the <Left>/<Right> buttons to select the picture/video you want to delete.
4. Press the [Menu] (Menu) button.
5. Select [Delete One] to delete one or select [Delete All] to delete all.
6. Select YES to delete. Select NO not to delete and to exit.



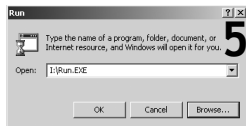
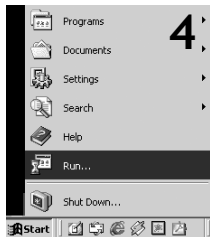
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INSTALLING SOFTWARE

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

If the installer wizard does not appear, then;

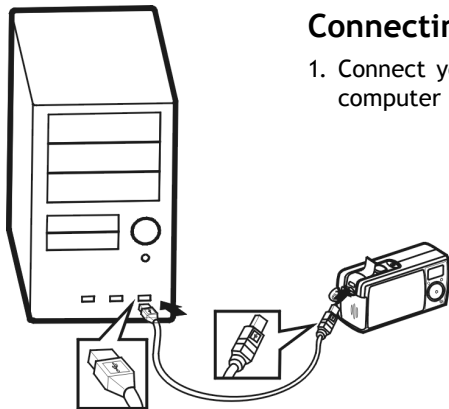
4. You can click **Start** in the Windows Taskbar. Then, select **Run** to continue.
5. Click **Browse**, and select **RUN.exe** in your CD-ROM drive.
6. Click **Open**
7. Click **OK**
8. Follow the on-screen instructions to complete driver installation and the bundled software.



TRANSFERRING FILES

Connecting To PC

1. Connect your camera to a computer via USB cable



2. 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

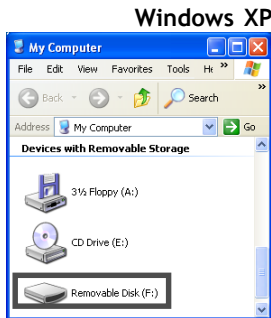


3. Click **My Computer** on the desktop.
4. A removable disk drive appears.
5. Double click on the removable disk.
6. Double click on the DCIM folder.
WARNING: Please do not copy any files into the DCIM folder of your camera. Otherwise it may cause the camera unstable or crash.
7. Then, You can drag-and-drop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

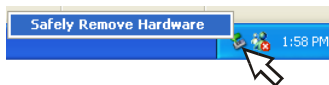
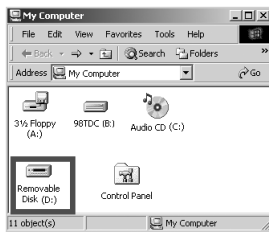
Removing the camera

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)

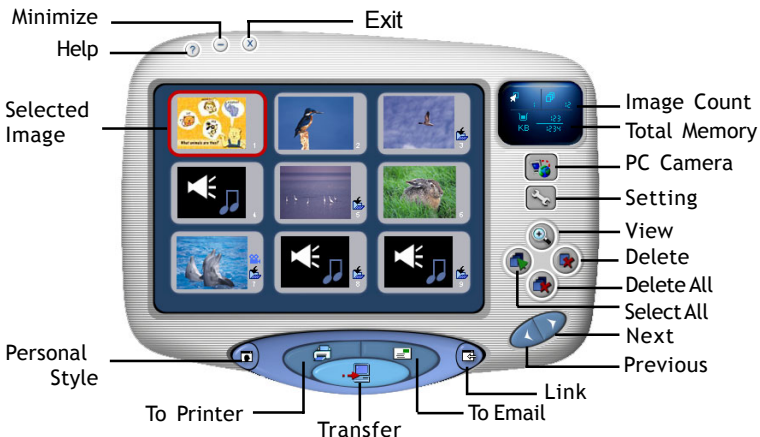
By connecting your camera to a MAC computer (referring to “Connecting to PC” on Page 14), it will automatically detect Mass Storage drive. You can easily manipulate your files the way you do in MAC user interface.

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 Console (Not available for MAC)

By connecting your camera to a computer, the Console opens. Meanwhile your camera switches to Mass Storage Mode, too. You may choose either to transfer the camera data through Console program or through Mass Storage Mode.

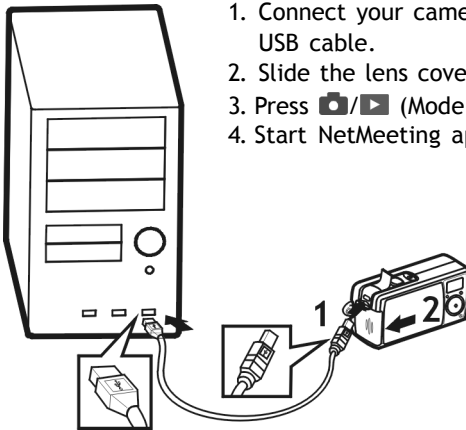


USING As PC CAMERA

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

1. Connect your camera to a computer via USB cable.
2. Slide the lens cover.
3. Press  /  (Mode) button.
4. Start NetMeeting application in Windows.

EN



* PC camera mode does not support Mac computers.

SPECIFICATIONS

Image Sensor	2.0M CMOS sensor
Resolution	Fine: 2144 x 1608 (H/W enhancement); High: 1600 x 1200 ; Standard: 640 x 480
Internal Memory	16MB Flash
External Memory	SD/MMC card slot
Interface	USB/TV out
Flashlight	Photo detector, IGBT type; Red-eye/ Auto/Off
File Format	JPEG/AVI/WAV
Video Frame Rate(PC Cam)	20 fps (320 x240)
Self-timer	10-second delay
Shutter Speed	1/15~1/2500 sec.
Lens	Fixed(5G glass lens), f=8.5mm
Focus Range	25cm~35cm(macro), 70cm~infinity(normal)
Aperture Ratio	F2.8
Digital Zoom	4X
LCD Display	1.5" TFT LCD
Power	1.5V AAA alkaline batteries X 2
Dimensions	86 x 42 x 34 mm
Weight	92g (without batteries)
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)