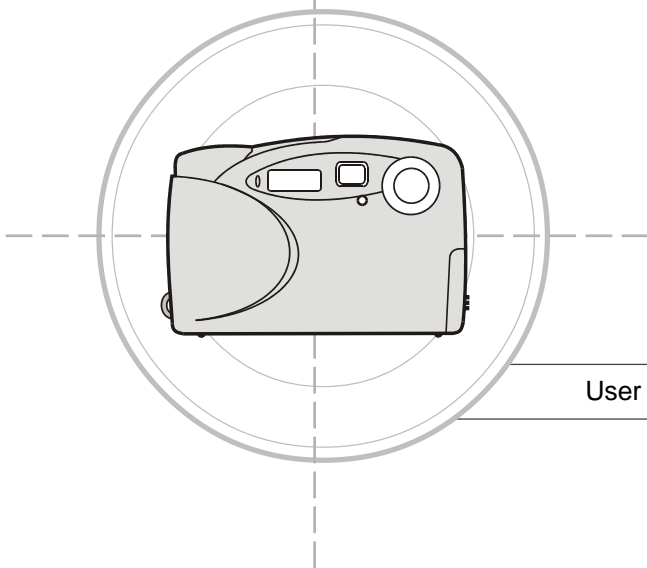


Multi Functional Digital Camera



User Guide

Important Notice

- If a CF card is pulled out, the mode key, control button and shutter are disabled. Those function keys will be resumed only after a CF card is put into the slot correctly. (Warning: Please do not put in or pull out a CF card while turning on the camera.)
- When battery low sign appears on the LCD screen, the camera will shut down after 10 seconds.
- When capturing images in dim lighting , the AF function is disabled.

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Contents

Getting Started

Checking Accessories	1
System Requirements	1
Loading Batteries	1
Loading the Compact Flash™ Card	2
Attaching the Strap	2

Identifying the Parts

Front View	3
Rear View	3
LCD Indicators	4

Camera Operating Modes

LCD-on Mode	5
Playback Mode	6
LCD-off Mode	6

OSD Menus

Menus under LCD-on Mode	7
Menus under Playback Mode	11

How to...

How to record images and short movies?	13
How to take burst pictures?	14
How to playback images and short movies?	14

How to delete images and short movies on the camera?	15
How to send your images to a DPOF-compatible service or device?	16
Connecting to a Computer	
<hr/>	
Driver Installation	17
Getting Connected to the PC and the Mac	18
Transferring Images	
<hr/>	
To a PC	19
To a Mac	21
Specifications	22

Getting Started

Checking Accessories

- Digital camera
- USB cable
- Video cable
- 4 AA alkaline batteries
- Flexible Pocket Tripod
- Strap
- Leather bag
- Installation CD
- User guide
- 16 MB CompactFlash™ Card

PC System Requirements

- Pentium 166 MHz processor or higher
- Microsoft Windows 98/Me/2000
- Super VGA card and color monitor
- 32 MB RAM (64MB recommended)
- Available USB port
- 200 MB available hard disk space for software installation

Mac System Requirements

- Mac Driver Support 8.5 OS or later

Loading Batteries

1. Slide the battery cover in the direction indicated by the arrow.

2. Insert 4 batteries in accordance with the correct polarity marks on the inner side of the battery cover.
3. Close the battery cover.

Loading the CompactFlash™ Card

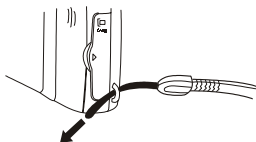
To record images, please insert a Compact Flash™ card. To load the CF card, perform the following:

1. Open the CF card slot cover and then insert a CF card as indicated by the arrow.
2. Close the CF card slot cover.

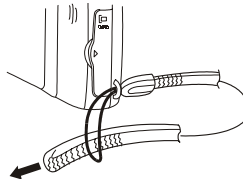
Attaching the Strap

1. Insert the thin end of the strap into the strap holder.
2. Pass the other end of the strap through the loop of thin cord and pull the strap tight.

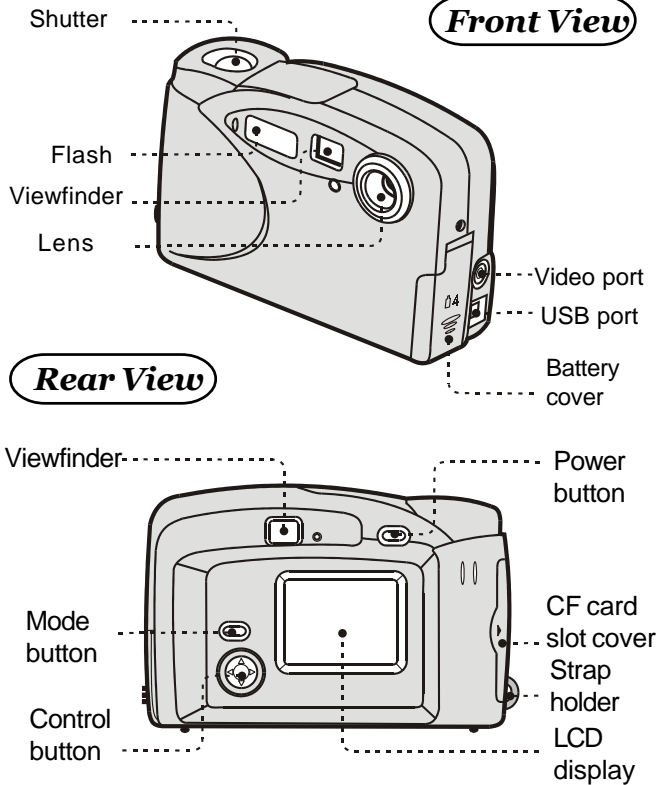
1



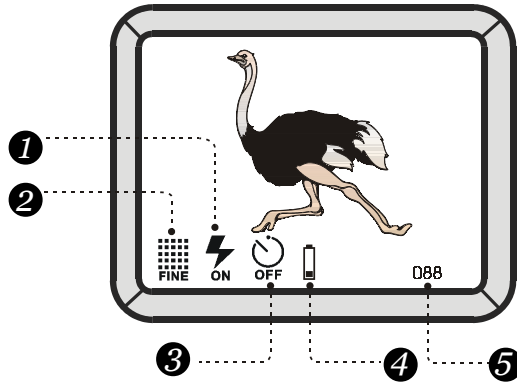
2



Identifying the Parts



LCD Indicators



1. Flash Indicator: Flash is on.
2. Quality Indicator: The best quality setting.
3. Self-Timer Indicator: Timer is off.
4. Battery Indicator: Battery is low.
5. Pictures remaining.

Camera Operating Modes

This camera provides 3 different operating modes for your selection. Press the mode button a number of times to toggle through these 3 modes.

1. LCD-on mode: ready for image capturing with the LCD display powered on
2. Playback mode: ready for image review
3. LCD-off mode: ready for image capturing with the LCD display powered off

LCD-on Mode

There are 5 menus available in this mode. Press the ***Control*** button, the OSD menus appear.

To scroll through all the menus, press the ◀ / ▶ on the control button to access the horizontal menu topics or press ▲ / ▼ to move vertically through the menu items. (*Refer to Page 7~9 for the OSD information.*)

Playback Mode

There are 4 menus available in this mode. Press the ▲ / ▼ on the **Control** button, the OSD menus appear.

To scroll through all the menus, press the ◀ / ▶ on the control button to access the horizontal menu topics or press ▲ / ▼ to move vertically through the menu items. (*Refer to Page 11 and Page 12 for the OSD information.*)

LCD-off Mode

When capturing images with the LCD display powered off, you will not be able to preview your images on the LCD display. Press the **Control** button to go to preview mode.






OSD Menu

Menus under LCD-on Mode

Select the desired item by the arrows on the Control button and then press the center of the **Control** button to confirm.





Resolution Menu

This menu contains the following items:

 FINE	Set the resolution to Fine for the best image quality.
 HIGH	Set the resolution to High for comparably fine image quality.
 LOW	Set the resolution to Low for relatively low image quality.
 VIDEO	Set the resolution to Video for recording movie clips.
 BURST	Set the resolution to Burst for a sequential 10 shots with one press of the Shutter button.



Flash Menu

This menu contains the following items:

 OFF	Flash is always disabled.
 ON	Flash is always enabled.
 AUTO	Flash is enabled automatically.
 AUTO	Flash is enabled automatically with Pre-Flash to reduce Red-Eye.



Zoom Menu

This menu contains the following items:

 ZOOM1X	Magnify the image by 1 time.
 ZOOM2X	Magnify the image by 2 times.

Self Timer Menu

This menu contains the following items:

	Disable the Self-timer function.
	Enable the Self-timer function. An image is captured after 10 seconds as the shutter is pressed in the first place.



Setting Menu

SETTING This menu contains the following items:

Item	Description
Display (Normal Brightness/Higher Brightness/Video Out NTSC/Video Out PAL)	Changes the brightness setting of the LCD display and the TV. Sets the TV output system.
Quick Review (On/Off)	Enables/disables the review function.
Exposure	Adjusts the exposure compensation.
White Balance (Automatic/Daylight/Cloudy/Fluorescent/Tungsten)	Selects the white balance setting.



Sound (On/Off)	Enables/disables the sound effects.
Auto Shutdown (1 Minute/2 Minutes/5 Minutes/10 Minutes/Never)	Sets a period of time for the camera to power off automatically.
Language (English/French/German/Italian/Spanish/Dutch)	Selects the OSD language.
Restore Setting	Recovers all the camera settings to the factory presets.
Exit	Quits the OSD.

Menus under Playback Mode

Select the desired item by the arrows on the Control button and then press the center of the **Control** button to confirm.

Display Menu

This menu contains the following items:

 SINGLE	Displays 1 image at a time.
 MULTI	Displays 9 images (max.) at a time.





Delete Menu

DELETE This menu contains the following items:

Current	Deletes the current displayed image.
All	Deletes all the images stored in the camera.
Format	Formats the CF card.
Exit	Quits the OSD.



Zoom Menu

This menu contains the following items:

 ZOOM OUT	Minimizes the selected image.
 ZOOM IN	Magnifies the selected image.

Information Menu

This menu contains the following items:

 INFO	Displays the image information.
 INFO	Hides the image information.



PRINT

Print Menu

This menu contains the following items:

Print Image	Selects the image to be printed.
Cancel print	Deselects the image so it will not be printed.
Print all	Prints all images.
Cancel all	Deselects all images.

How to...

How to record images and short movies?

To record images, do the following:

1. Power on the camera.
2. Set the camera to LCD-on or LCD-off mode.
3. Position the subject in the viewfinder.
 - * You can preview images on the LCD display while in LCD-on mode.
4. Press and hold the **Shutter** button until you hear the camera auto adjusting the focus, then the image is captured.

To record short movies, do the following:

1. Power on the camera.
2. Set the camera to LCD-on mode.
3. Press the **Control** button to select VIDEO from the OSD.
4. Press the **Shutter** button to start recording. To stop recording, press the **Shutter** again.

How to record burst images?

To record burst images, do the following:

1. Power on the camera.
2. Set the camera to LCD-on mode.
3. Press the **Control** button to select BURST from the OSD.
4. Press and hold the **Shutter** button to record up to 10 consecutive images. The camera will stop recording images after 10 images are recorded.

Note: To interrupt the consecutive recording of images, release the Shutter button at any time.

How to playback images and short movies?


To playback images, do the following:

1. Power on the camera.
 2. Set the camera to Playback mode.
 3. Press the ◀ / ▶ on the Control button to play the recorded images forward or backward .
- * You can choose to review a single image, or up to 9 images at a time.

To playback short movies, do the following:

On the LCD display

1. Power on the camera.

2. Set the camera to Playback mode.
3. Select an image marked with a  icon by pressing the ◀ / ▶ and then press the center of the Control button to play.

On a TV

1. Power on the camera.
2. Set the camera to LCD-on mode.
3. Select the VIDEO OUT NTSC or VIDEO OUT PAL from the OSD according to the TV output system.
4. Connect one end of the Video cable into the VIDEO port of your camera and the other end into the VIDEO IN port of the television.
5. Turn on the TV.
* Select “Video” as the TV input.
6. Set the camera to Playback mode.
7. Press the ◀ / ▶ on the Control button to select the video and then press the center of the Control button to play.

How to delete images and short movies on the camera?

Sometimes you may need to delete the captured images or videos to make room for new recordings. To delete images or videos, do the following:

1. Power on the camera.

2. Set the camera to Playback mode.
3. Select the image/video you want to delete by pressing the ◀ / ▶ on the **Control** button.
4. Press the ▲ / ▼, the OSD menus appear.
5. Move to the Delete menu and then choose either to delete the current displayed image/video or perform other tasks.

How to send your images to a DPOF-compatible service or device?

The DPOF (Digital Print Order Format) technology allows you to send images stored on a memory card (e.g. CF card) directly to a DPOF-compatible photofinishing print service or photo printer.

To select images for printing, do the following:

1. Power on the camera.
2. Set the camera to Playback mode.
3. Select the image you want to print by pressing the ◀ / ▶ on the **Control** button.
4. Press the ▲ / ▼, the OSD menus appear.
5. Move to the PRINT menu and then choose the “Print Image” to continue.

After specifying the images, you may take the CF card to do the direct printing (by a photo printer or a digital image finishing center).

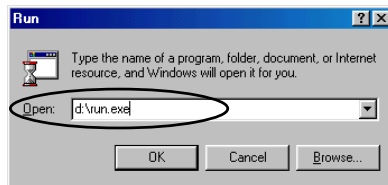
Connecting to a Computer

Before connection, you have to install the camera driver first.

Driver Installation

For PC

1. Insert the installation CD into your CD-ROM drive.
2. Click on **Start** and then **Run**.
3. In the Run dialog box, type **drive:\run.exe** where **drive** is the location of your CD-ROM drive.



Follow the on-screen instructions to complete the driver installation and the included software.

For Mac

1. Insert the installation CD into your CD-ROM drive. The **CD** icon appears on the desktop.
2. Double-click on the CD icon.
3. Double-click on the **Installer** icon to start the installation.

Follow the on-screen instructions to complete the driver installation.



Getting Connected to the PC and the Mac


1. Connect one end of the USB cable into the USB port of your computer and the other end into your camera.
2. Power on the camera.

Transferring Images


To a PC

With the USB cable connected both to your PC and camera, follow the steps below to transfer your images.

Using the Viewer Window

1. Power on the camera. A camera icon appears on the Windows taskbar.A screenshot of a Windows taskbar. From left to right, it shows icons for Internet Explorer, a folder, a USB device, and a camera. The camera icon is circled in red. To the right of the icons, the text 'PM 05:44' is visible.
2. Upon double-clicking the icon, the viewer window appears.
3. Drag and drop the images in this window to other desired locations.

Using the Windows Explorer

1. Power on the camera.
2. Open the Windows Explorer.A small icon representing a camera folder, showing a camera lens and a flash.
3. A camera folder appears.
4. Drag and drop the images in the folder to other desired locations.

Using Viewer

1. Power on the camera.
2. Launch Viewer program. The Viewer opens and automatically loads your images.
3. Click on the thumbnail(s) you want, then click the **Transfer** icon to download your image to the computer.



Transfer icon

For further information, please refer to the Viewer's on-line help.

Using the TWAIN Dialog Box

1. Launch the TWAIN-compliant program (e.g. PhotoExpress™ SE).
2. Click on the **Get** button then the **Camera** icon.
3. The **Select data source** dialog box appears.
4. Choose the camera model from the list.
5. Name your file by typing the name in the **File name** field.
6. Change the **File type** to JPG and then click on the **Acquire** button.
7. The Viewer's main window appears.
8. Click on the thumbnail(s) you want, then click the **Transfer** icon to download your image to the computer.

To a Mac

With the USB cable connected both to your Mac and camera, follow the steps below to transfer your images.

- 1 Power on the camera.
2. Launch Viewer program. The Viewer opens and automatically loads your images.
- 3 Click on the thumbnail(s) you want, then click the **Transfer** icon to download your image to the computer.



Transfer icon

Specifications

Image Sensor	Sony® SuperHAD™ CCD sensor
Image Resolution	Fine: 2048 x 1536 by Coach™ technology High: 1600 x 1200 Low: 800 x 600
Recording Mode	Single/Burst/AVI Clip
Video Clip	20 fps (320 x 240) ; max. duration 30 secs per clip
Live Video	25 fps (320 x 240)
File Format	JPEG (DCF-compliant/DPOF-compatible)
Burst	800 x 600; max storage to 10 images
Display	61.6 K pixels, 1.8" TFT LCD
Lens	Auto-focus, 20m~infinity
Aperture Ratio	F2.8/F5.6/F11
Shutter Speed	1/25~1/2500 second
Flash Mode	Auto/Red-eye/On/Off
Exposure	Auto
White Balance	Auto; Daylight; Cloudy; Fluorescent; Tungsten
Self-timer	10-second delay
External Memory	CompactFlash™ Card Type 1
Interface	Video out/USB
Power	4 x AA alkaline batteries
Dimensions	116 x 42.5 x 75 mm
Weight	200g (without battery and CF card)

Technical Support Hot Line:

Toll Free In the USA & Canada

1-866-522-6372

Toll Free In Europe

UK: 0800-169-6482

BELGIUM: 0800-787-57

FRANCE: 0800-917-599

GERMANY: 0800-1800-563

SPAIN: 900-973-195

ITALY: 800-781-883

All Other Countries - Toll

31-53-482-9779