

# Konica KD-30M

## Digital Still Camera

Thank you for your purchase. For the correct usage of this product, please read this User's Manual and warranty card carefully and keep them in a safe place for future reference.

Before accepting the warranty card, please make sure that the date of purchase and the dealer's details have been completed.

---

## *User Manual*

## *Table Of Contents*

<b>Getting Started</b>	04
<b>Important Safety Precautions</b>	05-09
<b>Overall Introduction</b>	10-14
Accessories	10
External View	11-12
Mode Dial (Working Mode)	12
Focus Range	12
Icon Display	13
Icon Index Table	14
<b>Getting Ready</b>	15-20
Switch On or Off the Camera	15
Loading the Batteries	15-16
Using an AC Adapter	17
Inserting an SD Card	17-18
Removing an SD Card	18-20
Attaching the Wrist Strap	20
<b>Getting Started</b>	21
Basic Photography	21
<b>Advanced Functionality Settings</b>	22-41
<b>Under Shooting Mode ( )</b>	22-29
Setting Focus Range	22
Turning On or Off the TFT LCD Monitor	22
Setting Flash Mode	22
Setting Self-timer	23
Setting Digital Zoom	23
Setting an Image Size (Resolution)	24
Setting Image Quality	25-26
Setting Voice Memo	27
Setting Exposure	28
Setting White Balance	29
<b>Under Playback Mode ( )</b>	30-36
Exploring an Image	30
Displaying Image Information	31
Playback of a Movie Clip	31
Thumbnail Images (Small Images) Display	32

## *Table Of Contents*

Deleting Images	33
Formatting an SD Card	33
Formatting the Built-in Flash Memory	34
Setting Slide Show	34
Setting Image Protection	35
Printing Out Images without a PC	36
<b>Under Movie Clip Mode ( )</b>	37
Setting the Recording Time of a Movie Clip	37
<b>Under Setup Mode (SET)</b>	38-41
Setting Beep Sound	38
Setting Auto Power Off	38
Setting Date Stamp	39
Setting Date Type	39
Setting Date	40
Setting Quick View	40
Setting Language	41
Default Setting	41
<b>PC Connection</b>	42-62
<b>Installing the Camera's Driver</b>	42-46
Under Microsoft Windows 98 / 98SE	42-43
Under Microsoft Windows 2000	44-45
Under Microsoft Windows ME / XP	46
Under Mac 9.X or later	46
<b>Installing Ulead Photo Explorer</b>	47-52
Under Windows Operation System (Windows 98/98SE/2000/ME/XP)	47-50
Under Macintosh Operating System (Mac 9.X or later)	51-52
<b>About Ulead Photo Explorer</b>	53-60
<b>Downloading the Image(s)</b>	61-62
Under Windows Operation System (Windows 98/98SE/2000/ME/XP)	61
Downloading Images from Removable Disk	61
Downloading Images through Ulead Photo Explorer	61
Under Macintosh Operating System (Mac 9.X or later)	62
Downloading Images from Removable Disk	62
Downloading Images through Ulead Photo Explorer	62
<b>Appendix</b>	63-65
<b>Error Message Table</b>	63
<b>Specifications</b>	64-65
<b>Warranty and After-sales Service</b>	66-68

## **Getting Started**

**Please be sure to read this manual before use.**

### •**Test shooting**

Be sure to take some test shots before taking important pictures (such as business or weddings) to make sure that the camera is working properly.

### •**Results are not guaranteed**

In the unlikely event that a problem arises in shooting or reproducing pictures due to the camera or memory card used, please understand that no compensation can be made.

### •**Be aware of Copyright**

Any pictures that you take of existing images may be used for personal use only. Copyright law prohibits the use of pictures without the permission of the rightful owner. Also, please note that some occasions of the performing arts, demonstrations and exhibitions may restrict photography even for the purpose of personal enjoyment.

### **Caution for Extended Camera Use:**

The camera body may become hot when used for a long period of time, but it doesn't mean that the camera is faulty. However, if the camera keeps touching the skin for a long time, this may cause a cryogenic burn. Please be careful with it.

### **About trademarks**

- Windows 98, Windows 98SE, Windows XP, Windows 2000 Professional and Windows Me are trademarks or registered trademarks of Microsoft Corporation in the U.S. and other countries.
- Apple, Macintosh, Mac OS, QuickTime and Power PC are trademarks or registered trademarks of Apple Computer in the U.S. and other countries.
- Other company names and product names are trademarks or registered trademarks of their respective owners.

\* The illustrations in this guide are for the purpose of explanation and may differ from the actual design of your camera.

## **Important Safety Precautions**

This product has been designed with safety in mind; however, please read the following display marks, warnings and cautions for its correct usage.

The following warning and caution symbols are to prevent damage to the user, other persons and property.

### **Definitions of the symbols**

**The following categories explain the degree of danger or damage that may occur if the displayed content is not followed or the product is misused.**



#### **Warning**

This symbol indicates that misuse may result in serious injury and even death.



#### **Caution**

This symbol indicates that misuse may result in bodily injury or physical damage.

**The following categories explain the contents to be followed using symbols.**



This symbol indicates that the content requires caution when performed.









This symbol indicates that the content is prohibited.



This symbol indicates that the content must always be followed.





## **Important Safety Precautions**

### **Warning**





-  Should any of the following occur, stop using the product immediately. Remove the batteries from the unit and disconnect the AC adapter. If using the AC adapter, disconnect the power plug from the wall outlet. Consult the dealer from whom you bought the product for further assistance.  
Continued use of the product may result in fire or electrical shock.
  - **If you notice any abnormality such as smoke or an abnormal smell, or if the camera becomes extremely hot.**
  - **If liquid gets inside the camera.**
  - **If any foreign object gets inside the camera.**
-  **Do not dismantle, modify or repair the camera yourself.**  
Fire and/or electrical shock may occur as a result.  
For repair or internal inspection, consult the dealer from whom you bought the product.
-  **Do not allow the camera to get wet.**  
Fire, electrical shock and/or malfunction of the unit may occur if internal parts are exposed to water or other liquids.
-  **Do not drop or insert metal objects or combustible items inside the camera.**  
Fire, electrical shock and/or malfunction of the unit may occur as a result of metal objects, etc. getting inside the camera.
-  **Do not use the camera while driving.**  
May cause traffic accidents.  
When using the camera while walking, pay attention to the road surface, surroundings, etc.
-  **Do not use the camera on unstable ground.**  
Serious injury and even death may occur as a result especially when falling from high places.

## **Important Safety Precautions**

### **Warning**






-  **Do not directly look at the sun through the viewfinder.**  
Loss of or impaired eyesight may result.
-  **Do not touch the metal parts on the camera during thunder and lighting.**  
Death may occur if lightning strikes the camera.
-  **Do not use AC adapters other than those specified.**  
Fire may occur as a result of AC adapters other than those specified being used.
-  **Do not dismantle, short-circuit, coat (solder, etc.), apply heat, apply pressure (with nail, etc.) to the battery, or throw into a fire. Furthermore, do not allow metals (wires, necklaces, etc.) to come into contact with batteries.**  
Fluid leakage, heat, fire and damage may occur as a result.

### **Caution**

-  **Do not point the lens directly at the sun or at a strong light source.**  
Malfunction of internal parts may occur from concentrated rays of light. Using the camera in such conditions may cause short circuits and breakdown of insulation, resulting in overheating and/or fire.
-  **Take care not to get fingers caught in the battery/card cover.**  
Personal injury may occur as a result.
-  **When using the camera inside an airplane, follow the directions of the airline company.**  
Electric waves emitted from the camera may affect airplane cockpit instruments.
-  **Do not use the flash near eyes.**  
Eye injury may occur as a result.




## Important Safety Precautions

### Caution

-  **When taking a picture, wipe off the flash surface and be careful not to cover the flash.**  
If the flash surface is dirty or you take a shot with the flash covered, it is possible for the flash surface quality or color to change, due to the high temperature of the flash.
-  **Check that the polarity is correct when inserting batteries.**  
The battery may heat, damage or leak if the polarity is not correct, possibly causing skin burns and/or personal injury as a result.
-  **Do not use batteries which have become soiled with oil or sweat.**  
If soiled, wipe the contacts with a dry cloth before use.
-  **When cleaning or carrying out non-photographic operations on the camera, disconnect the AC adapter for safety.**
-  **Do not leave the camera in locations such as:**
  - **A location exposed to direct sunlight or inside a car, etc. where the temperature may become extremely high.**  
Fire and/or damage to the unit may occur.
  - **Within the reach of children.**  
The strap may wrap around the neck causing strangulation, or accessories such as batteries, Memory Card, etc. May be swallowed.
  - **Unstable surfaces such as on an unstable table or an angled surface.**  
Camera dropping on the head or other body parts may not only cause personal injury but malfunction of the unit as well.
  - **A location exposed to lampblack, steam, high humidity, dust or vibration.**  
If dust or liquid enters the camera or if the internal parts are damaged by strong vibration, overheating, fire or electrical shock may occur as a result.

## Important Safety Precautions

### Caution

-  **Remove the batteries when the camera will not be used for an extended period.**
-  **Do not use force when operating the camera.**  
The camera may become damaged, causing personal injury as a result.
-  **Do not rotate the camera when mounting on a tripod.**

#### About battery fluid leakage

- Should battery fluid leaks ever come into contact with hands or clothing, wash immediately with water.
- Loss of eyesight may occur if battery fluid enters the eye. In such case, do not rub the eye. Immediately flush the eye with water and seek medical attention.

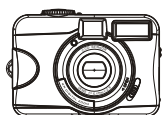
#### About the LCD monitor

- Due to the characteristics of liquid crystals, the brightness of the LCD monitor may appear uneven with changes in temperature, etc.
- The LCD monitor has been developed using high-precision engineering and is superior in sharpness and picture quality. Due to the nature of liquid crystals, however, there may be missing or constantly lit pixels on the monitor. This is not a malfunction of the unit.
- If the LCD monitor becomes damaged for some reason, take care to prevent personal injury from broken glass, etc. Furthermore, take care that liquid crystals do not touch the skin or enter the eyes or mouth.

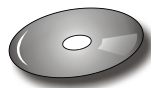
## Overall Introduction

### Accessories

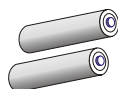
Digital Camera



Camera Driver  
& User Manual  
& Ulead Software



2 x AA Batteries



Camera Pouch



Quick Start Guide



USB Cable



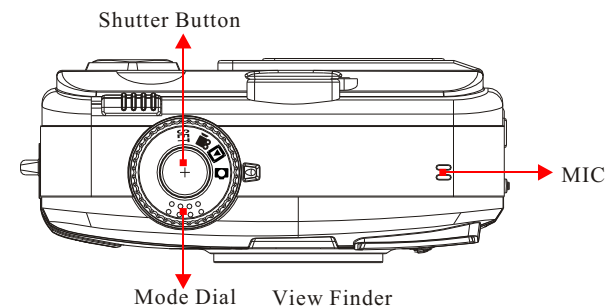
Wrist Strap



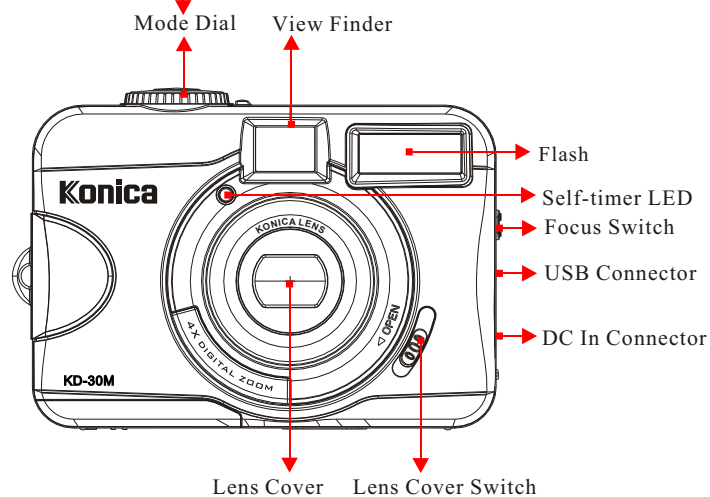
## Overall Introduction

### External View

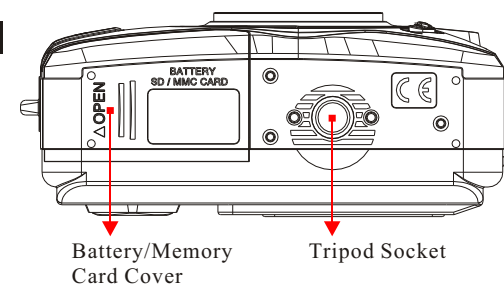
Top



Front

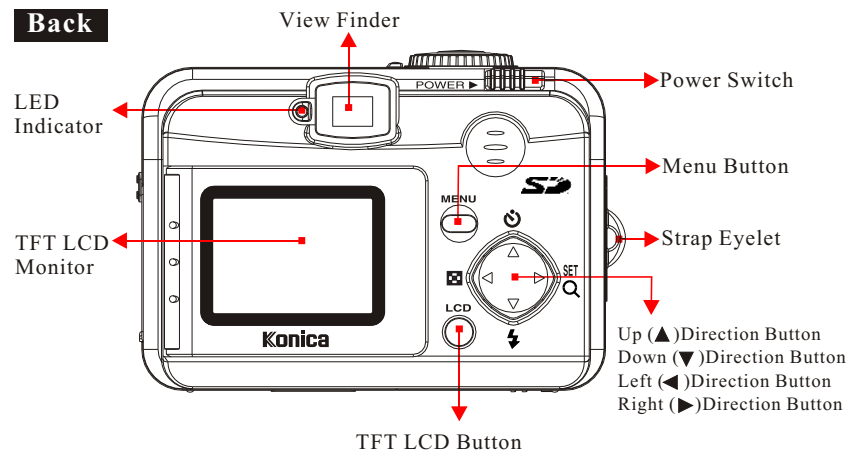


Bottom

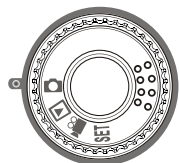






## Overall Introduction

### Back




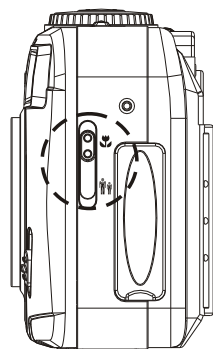
### Mode Dial (Working Mode)



- ▶ Shooting Mode (  )
- ▶ Playback Mode (  )
- ▶ Movie Clip Mode (  )
- ▶ Setup Mode (  )

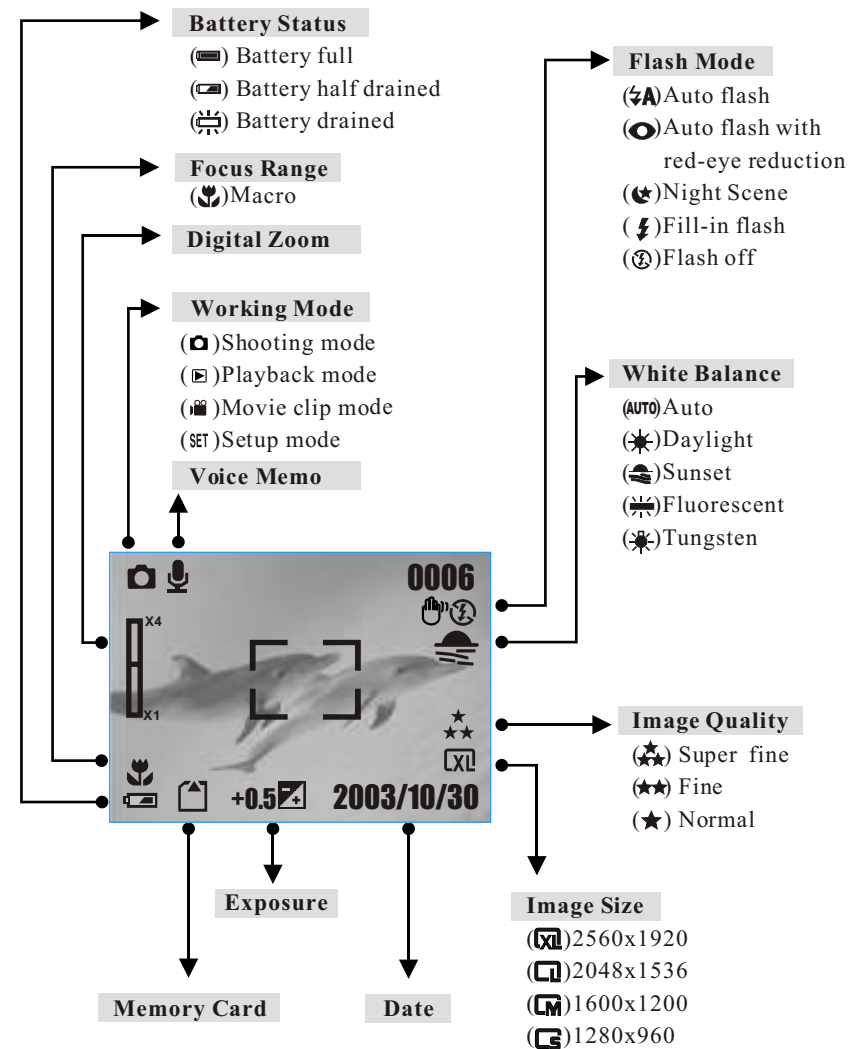
### Focus Range

- ▶ Macro (  ) : 0.2m
- ▶ Normal (  ) : 0.8m~infinity






































## Overall Introduction

### Icon Display



## Overall Introduction

### Icon Index Table

Working Mode				SET	
Focus Range					
Flash Modes					
Digital Zoom					
Thumbnails					
Self-timer					
Movie Clip					
Memory Card Inside					
Battery Status					
Image Size (Resolution)					
Image Quality					
White Balance	AUTO				
Exposure					
Voice Memo					
Protected Image					
Print (DPOF)					
Darkness Warning					

## Getting Ready

### Switch On or Off the Camera

Slide the "POWER" switch sideways and hold it awhile to switch on the camera. Repeat the action above to switch off the camera.






### Loading the Batteries

1. Check if the camera is switched off.
2. Slide the Battery / Memory Card Cover out to open it.
3. Load 2 x AA batteries into the battery chamber, following the polarity indications.
4. Close the Battery / Memory Card Cover.



#### Note

The symbols below are used to indicate the battery status on the TFT LCD monitor.

- : Battery power is full.
- : Battery power is half drained. Have new batteries ready.
- : Battery power is drained. Replace the batteries you are using now.

#### Note

The battery type shown below is recommended to ensure the normal operation of the camera.

Brand	Type
Duracell(Ultra)	Alkaline

## Getting Ready

### Note

1. **Do not change the battery with wet hands, as there is a danger of electric shock.**
2. **Warning**  
When you continue using the camera for a long time, the batteries become hot. Contact with the batteries can lead to burns.  
Never open the battery/card cover while the camera is accessing the card or processing images.  
Do not leave the battery anywhere where the temperature may reach 60°C (140°F), such as inside a car, in the sun, near a heater, etc.  
Do not get the battery wet, drop it or subject it to violent shocks.
3. Batteries may lose power if kept inside the camera for a long time without being used. Please remove the batteries while the camera is not in use.
4. Do not use manganese batteries as they cannot supply sufficient power to support the camera's operation.
5. Batteries may not work normally under 0°C.
6. It's normal that the temperature of the camera body rises after being in use for a long period.
7. It is suggested to use an AC adapter if you expect to use the camera for a long period.

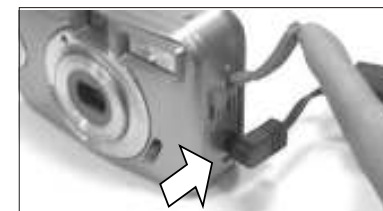
## Getting Ready

### Using an AC Adapter (Optional)

1. Ensure that the camera is switched off.
2. Make sure the AC adapter is 3.3V/2.0A.
3. Connect the AC adapter connector to the DC In socket on the camera.
4. Connect the adapter itself with the power outlet
5. Switch on the camera

### Note

Only use the AC adapter (sold separately) specified for your camera as use of any other device may result in a breakdown, fire or electrical shock.



### Inserting an SD Card

1. Switch off the camera.
2. Open the Battery / Memory Card Cover.
3. Insert the SD card and press it down until you hear a click.
4. Close the Battery / Memory Card Cover.



## **Getting Ready**

### **Note**

If a new SD card is used, it is necessary to format it first. Please refer to page 33 for details.

### **Note**

Images can be stored either in the camera's built-in flash memory or in the memory card. If a memory card is inserted, images will automatically be stored in it. If no memory card is inserted, images will automatically be stored in the built-in flash memory.

## **Removing an SD Card**

1. Ensure that the camera is switched off.
2. Open the Battery / Memory Card Cover.
3. Press down the SD card and the card will jump up.
4. Remove the card and close the Battery / Memory Card Cover.



## **Getting Ready**

### **Note**

This camera comes with approximately 16 MB of memory installed, but if you would like to use additional memory, the following cards are compatible:

- SD Memory Card

### About the SD Memory Card

#### **Caution**

SD Memory Cards are manufactured using precision electronic components. Do not perform the following as malfunction or damage may occur as a result.

- Do not touch the terminals with hands or metal objects. Damage to the components may occur as a result of static electricity. Before handling an SD Memory Card, discharge any static build-up from your body by touching grounded metal, etc.
- Do not bend, drop or apply excessive force.
- Avoid heat, liquid and direct sunlight when using and during storage.
- 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 SD logo is a trademark.

## Getting Started

### Important

**In the event of malfunction or damage, it is possible that data may be lost. Konica can not accept responsibility in any way for such data loss.**

Always back-up important data.

When using SD Memory Cards on a PC, do not change the attributes(read-only, etc.) of the files (image data) on the card. Doing so may prevent the camera from working properly when deleting images, etc.

Do not change the file names or the directory name of image data saved on an SD Memory Card using a PC or save files other than image data taken by this camera. Images that have been changed or added will not only not play back on the camera but may cause the camera to malfunction as well.

Always format SD Memory Cards using this camera. A card formatted in a PC may not operate properly.

The SD Memory Card includes a write-protect switch. Sliding this switch downward prevents data from being written to the card and images, etc. saved on the card are protected. Please note that pictures cannot be taken or deleted when the writeprotect switch is on.

When using a large-capacity card, card check and deletion may take some time.

### Attaching the Wrist Strap



20

## Getting Started

### Basic Photography

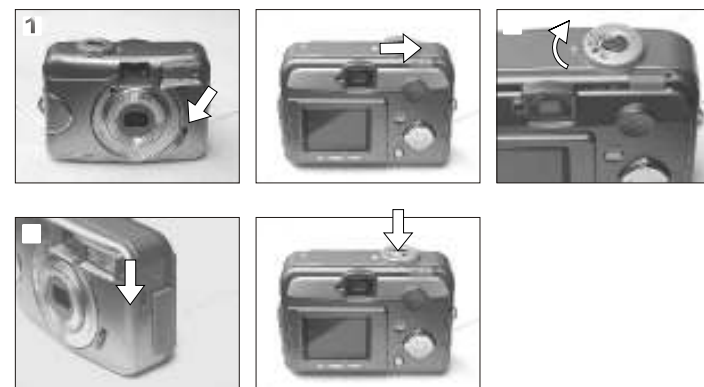
1. Open the lens cover.
2. Switch on the power.
3. Set the Mode Dial to Shooting Mode (📷) for still image or Movie Clip Mode (🎥) for video recording.
4. The setting of the focus range for still image capture is required as follows
  - ▶ Macro (🌸) : 0.2m
  - ▶ Normal (👤) : 0.8m~infinity
5. Refer to the next section -- Advanced Functionality Settings (page22) to set up the features you prefer.
6. Hold still and press down the Shutter Button.
7. The LED Indicator starts blinking right after the Shutter Button is released.
8. Once the LED Indicator stops blinking, you are ready to take another shot.

#### Note

A message of "LENS COVER" blinking on the TFT LCD Monitor as a warning is to remind you to open the lens cover first.

#### Note

A message of "Low Light!" appearing on the TFT LCD Monitor as a warning is to remind you that the image that you are going to capture is under a low light environment. To compose a good quality image, it is strongly recommended to go to the Flash Mode to select Auto Flash or Fill-in Flash to ensure that there is sufficient light.



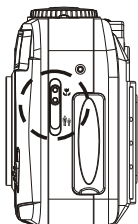
21

## **Advanced Functionality Settings**

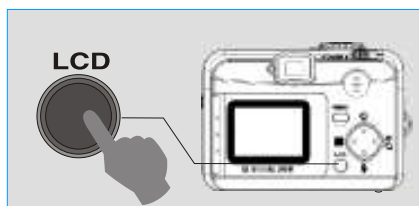
### **Under Shooting Mode ( )**

#### **Setting Focus Range**

- ▶ Macro (  ) : 0.2m
- ▶ Normal (  ) : 0.8m~infinity

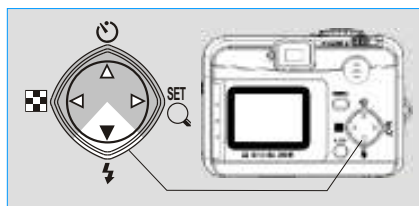


#### **Turning the TFT LCD Monitor On or Off (Preset: On)**








- ▶ You can change the icon display on the TFT LCD Monitor, turn it off, and turn it on again by pressing the LCD button repeatedly.

#### **Setting Flash Mode (Preset: Auto Flash)**

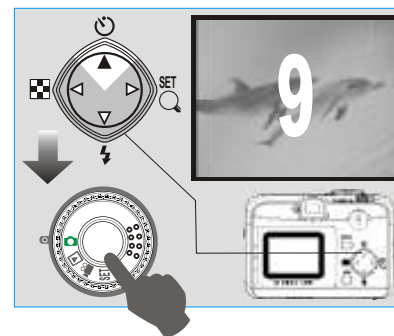


- ▶ You can select the flash mode shown below according to the environment.

	<b>Auto Flash</b>	The flash fires automatically as required by the shooting mode.
	<b>Auto Flash with Red-eye Reduction</b>	If the subject's eyes will appear in the picture, using this mode can effectively minimize the likelihood of the red-eye effect.
	<b>Night Scene</b>	The flash will flash and the exposure time is set to 1/4 second so that the subject in the foreground and the background are properly exposed.
	<b>Fill-in Flash</b>	This mode will enable the flash to fire in any circumstances.
	<b>Flash Off</b>	This mode will prevent the flash from firing in any circumstances.

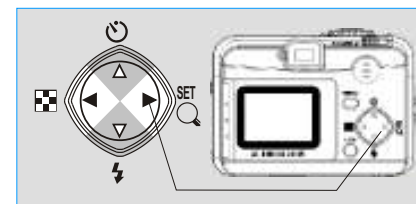
## **Advanced Functionality Settings**

### **Setting Self-timer (Preset: Off)**



- ▶ The self-timer starts and counts down for 10 seconds.
- ▶ The self-timer is automatically cancelled once the picture has been taken.

### **Setting Digital Zoom ( 4X continuous )**



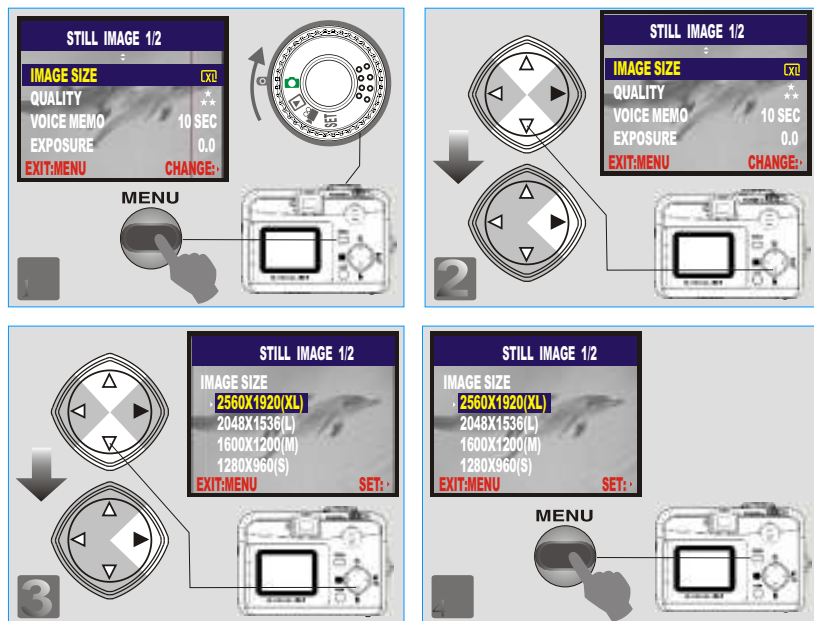
- ▶ The zoom bar, appearing on the left of the TFT LCD monitor, shows the current digital zoom position.

#### **Note**

Generally speaking, the digital zoom image quality is less sharp than that of non-digital zoom.

## Advanced Functionality Settings

### Setting Image Size (Preset: 2048 x 1536)



Step 1 : To enter the setting mode      Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option      Step 4 : To exit from the setting

#### Note

The four resolutions provided can be selected as follows:

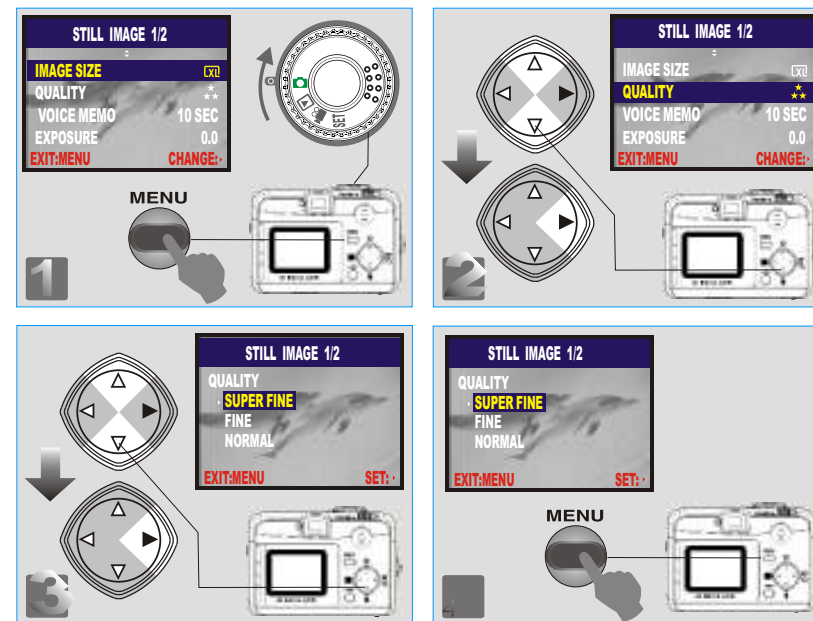
- (XL) 2560 x 1920 (XL)
- (L) 2048 x 1536 (L)
- (M) 1600 x 1200 (M)
- (S) 1280 x 960 (S)

#### Note

You can easily check whether the setting is changed or not by the resolution icon display on the right side of the LCD screen. If not, please repeat the above steps.

## Advanced Functionality Settings

### Setting Image Quality (Preset: Fine Quality)



Step 1 : To enter the setting mode      Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option      Step 4 : To exit from setting

#### Note

Three levels of image quality can be selected as follows:

- (★) Super Fine
- (★★) Fine
- (★) Normal

#### Note

The better the image quality that is set, the fewer images can be stored in the built-in flash memory or the memory card.

## **Advanced Functionality Settings**


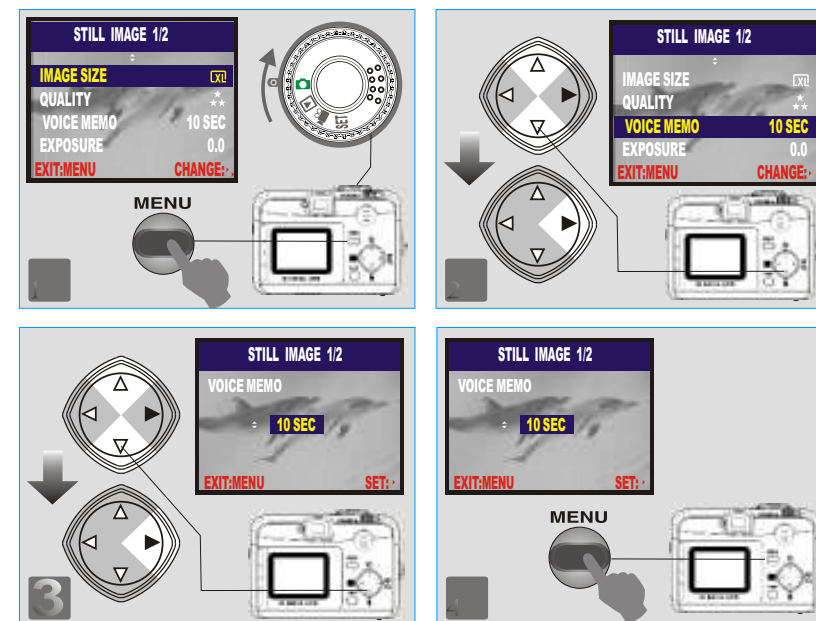

 Four resolutions can be selected as shown below:

Image Size	Compression Ratio	SD Memory Card Sandisk 64MB
2560x1920(XL)	SUPER FINE FINE NORMAL	About 33 Photos About 70 Photos About 99 Photos
2048x1536 (L)	SUPER FINE FINE NORMAL	About 43 Photos About 91 Photos About 142 Photos
1600x1200 (M)	SUPER FINE FINE NORMAL	About 84 Photos About 179 Photos About 264 Photos
1280x960 (S)	SUPER FINE FINE NORMAL	About 134 Photos About 267 Photos About 409 Photos

## **Advanced Functionality Settings**


**Setting Voice Memo (Preset: 10 SEC)**



Step 1: To enter the setting mode

Step 2: To select and confirm the option

Step 3: To select and enter the option

Step 4: To exit from the setting

### Note

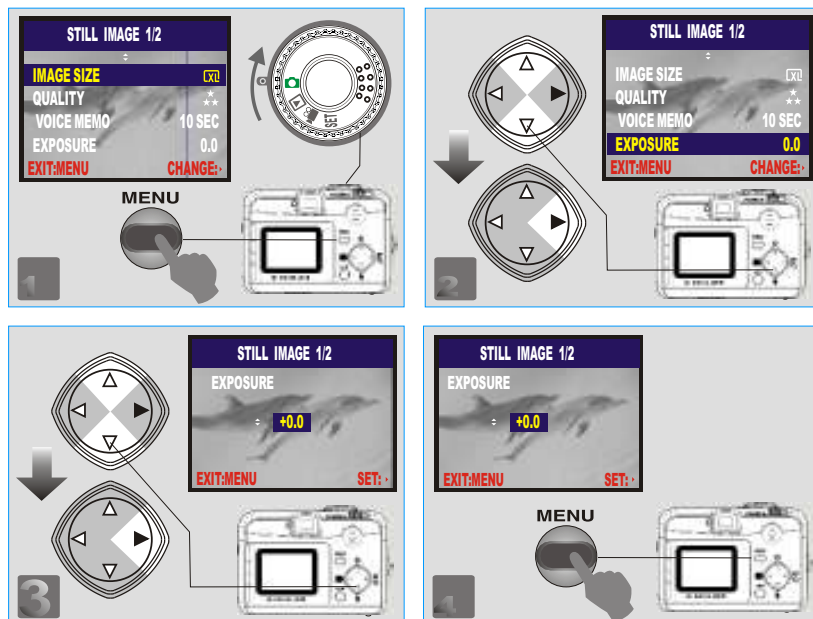
When Voice Memo is set, the icon (  ) appears on the TFTLCD Monitor.


### Note


With Voice Memo, the audio is stored in WAV file format, so you can download both the image in JPG and the Voice Memo in WAV onto the PC.


## **Advanced Functionality Settings**

### **Setting Exposure (Preset: ± 0)**



Step  : To enter the setting mode

Step  : To select and confirm the option

Step  : To select and enter the option

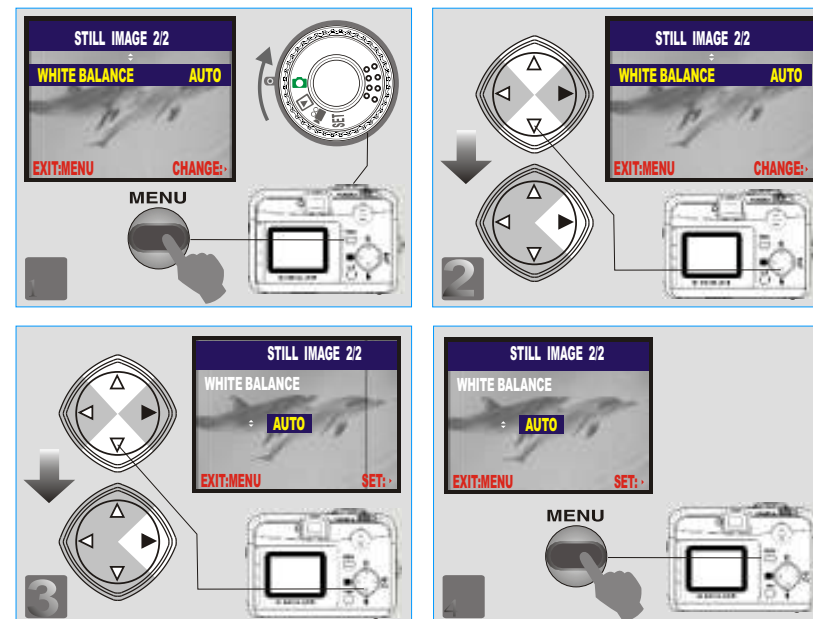
Step  : To exit from the setting


#### Note


The higher the value the brighter the image will be.


## **Advanced Functionality Settings**


### **Setting White Balance (Preset: Auto)**



Step  : To enter the setting mode






Step  : To select and confirm the option

Step  : To select and enter the option

Step  : To exit from the setting

#### Note

Five White Balance Modes can be selected as follows:

	Auto	Adjusting the white balance automatically
	Daylight	Under strong light conditions
	Sunset	Under sunset light conditions
	Fluorescent	Under fluorescent light conditions
	Tungsten	Under tungsten light conditions

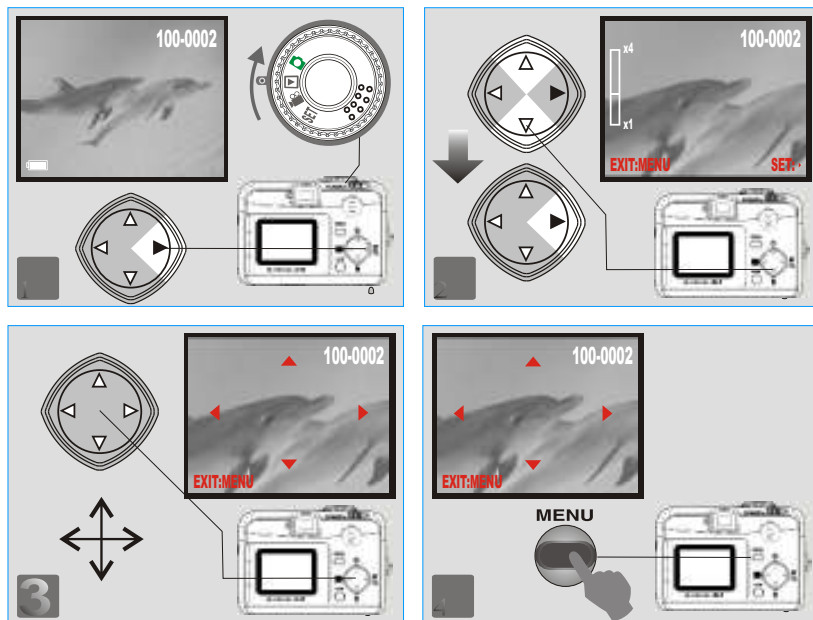
#### Note

It is recommended that beginners leave the White Balance setting on AUTO mode.

## **Advanced Functionality Settings**

### **Under Playback Mode(▶)**

#### **Exploring an Image**



Step **1** :To enter the setting mode

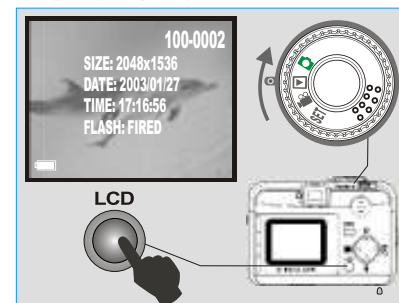
Step **2** :To explore the image

Step **3** :To zoom in/out and enter the option

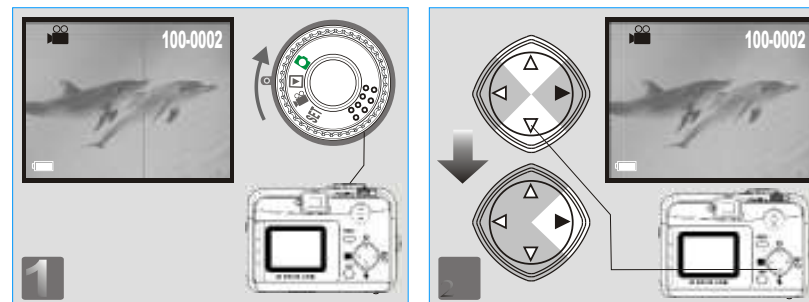
Step **4** :To exit from the setting

## **Advanced Functionality Settings**

### **Displaying Information about an Image**



### **Playback of a Movie Clip**



#### **Note**

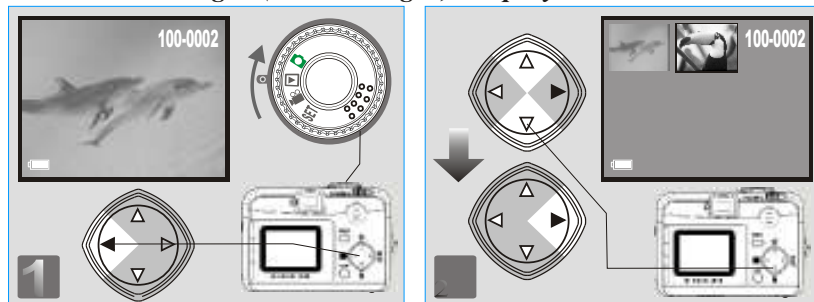
Press the Up(▲) and Down(▼) Direction Button to search for the movie clip you recorded and press the Right (▶) Direction Button to view the movie clip.

#### **Note**

You can press the Right (▶) Direction Button to pause the playback and press it again to cancel it.

## **Advanced Functionality Settings**

### **Thumbnail Images (Small Images) Display**



#### **Note**

Press the Up (▲) and Down (▼) Direction Buttons to search for images or movie clips and press Right (►) Direction Button to view a movie clip.

#### **Note**

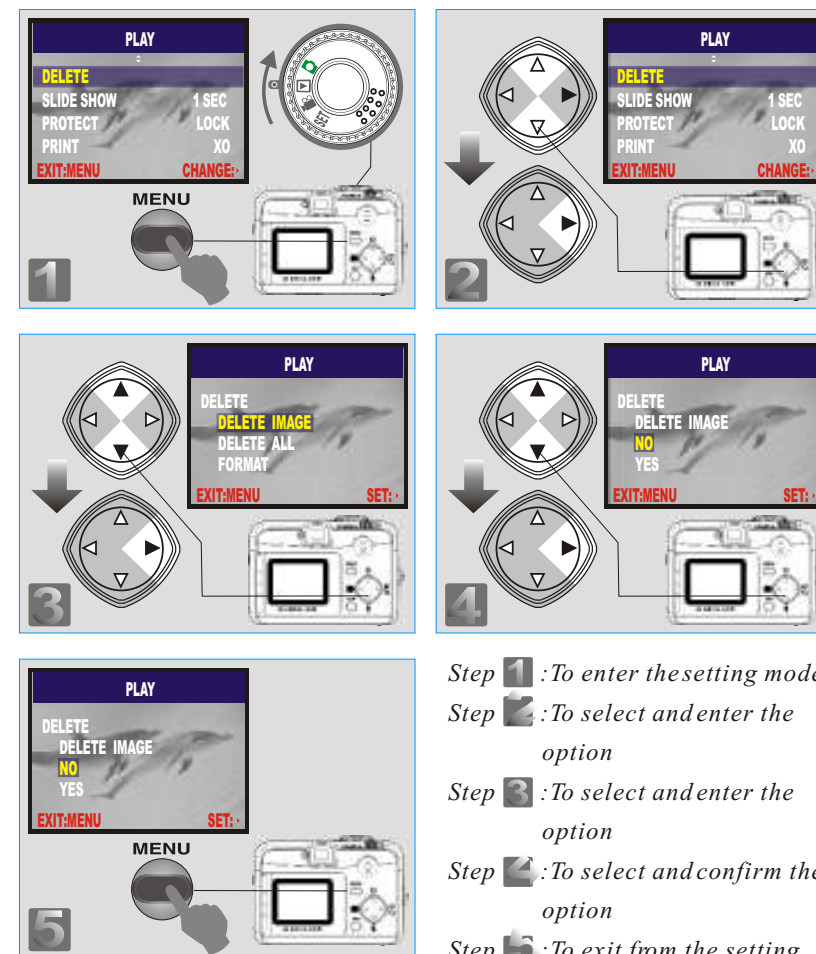
The icon (🎥) indicates a movie clip, not a still image.

#### **Note**

The icon (🗣️) indicates a still image with voice memo.

## **Advanced Functionality Settings**

### **Deleting Image(s)**



Step 1: To enter the setting mode

Step 2: To select and enter the option

Step 3: To select and enter the option

Step 4: To select and confirm the option

Step 5: To exit from the setting

### **Formatting an SD Card**

Insert an SD Card before beginning.

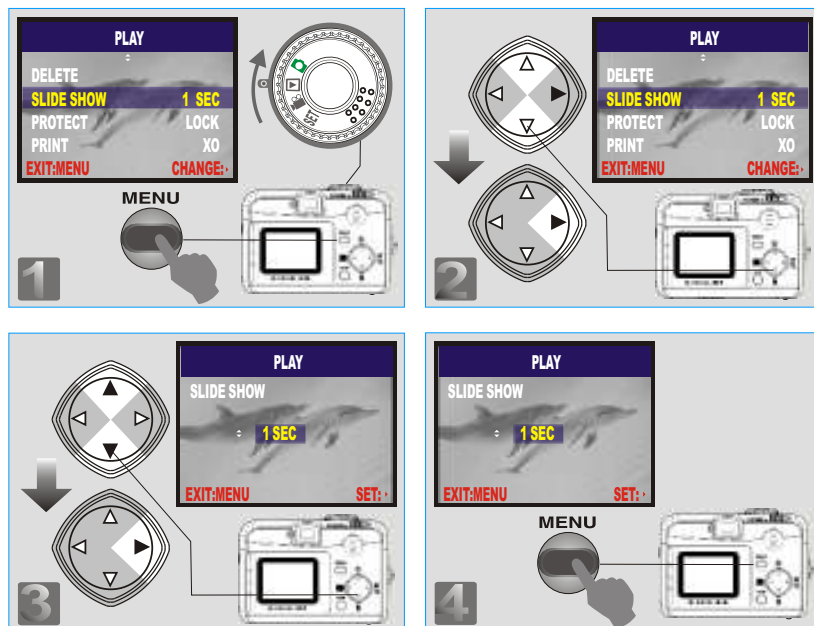
Follow the above steps, selecting "FORMAT" in step 3, "YES" in step 4.





## **Advanced Functionality Settings**

### **Formatting the Built-in Flash Memory**

Ensure that there is no memory card inserted into the camera. Referto page 33 and follow the steps, selecting "FORMAT" in step 3, "YES" in step 4.

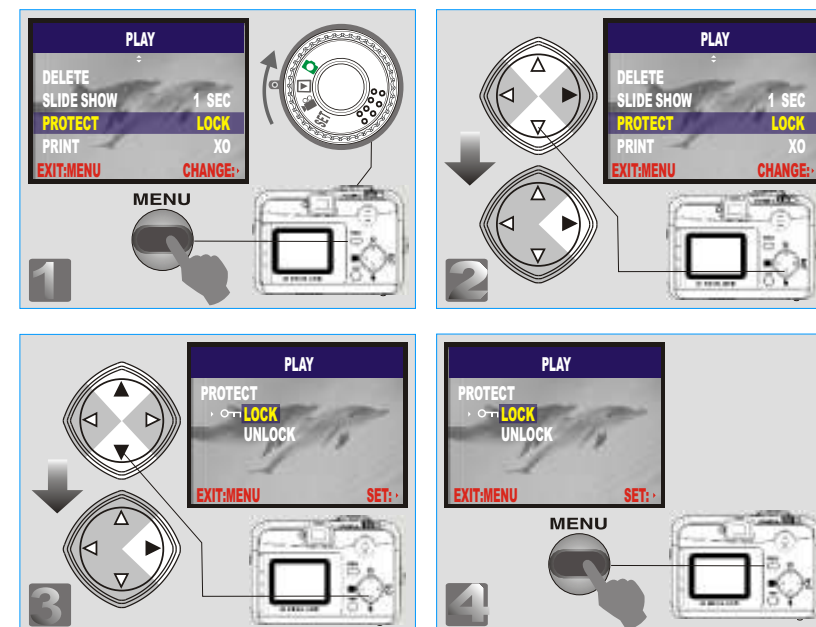
### Setting Slide Show (Preset: 1 SEC)







Step  :To enter the setting mode      Step  :To select and enter the option  
Step  :To select and confirm the option      Step  :To exit from the setting

## **Advanced Functionality Settings**

### **Setting Image Protection**



Step  :To enter the setting mode      Step  :To select and enter the option  
Step  :To select and confirm the option      Step  :To exit from the setting

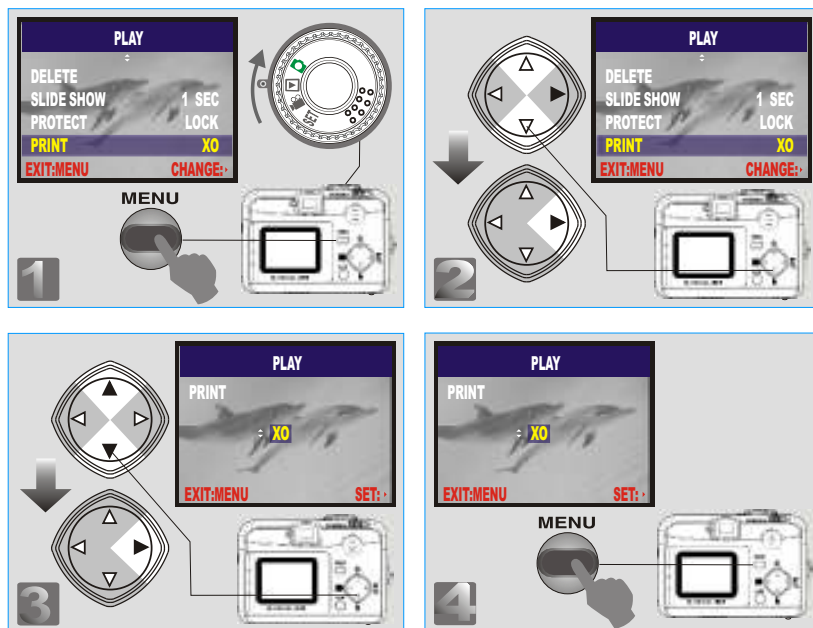
#### Note





After the above steps have been completed check that the icon (🔒) appears on the right side of the TFT LCD screen. If it is not shown please repeat the above steps.

To cancel the "PROTECT" function, repeat the above steps, selecting "UNLOCK" In step 3.


## Advanced Functionality Settings

### Printing Out Images without a PC(Preset: X0)



- Step  : To enter the setting mode      Step  : To select and enter the option  
 Step  : To select and confirm the option      Step  : To exit from the setting

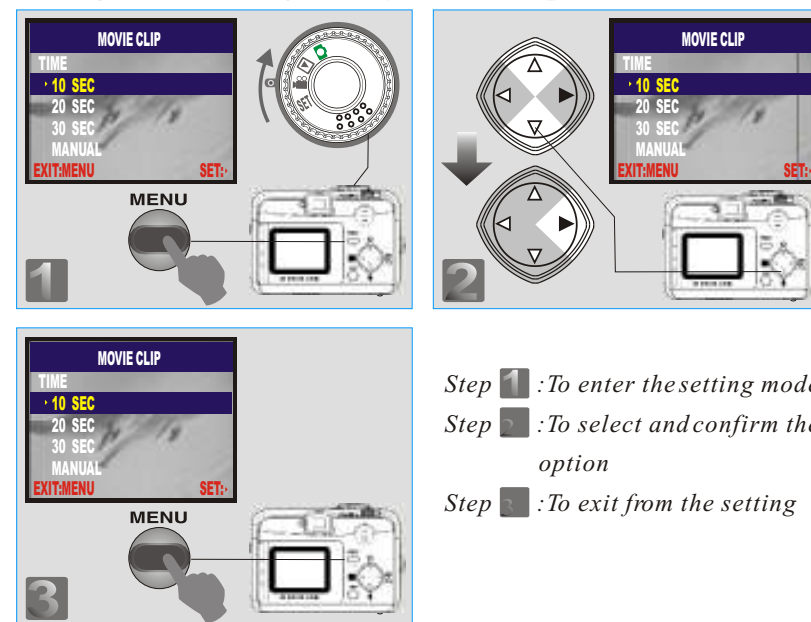
#### Note




After the above steps have been completed check that the icon  appears in the bottom left corner. If it is not shown, please repeat the steps. The "PRINT" function does not appear on the TFTLCD Monitor if no memory card is inserted.

## Advanced Functionality Settings

### Under Movie Clip Mode() (Preset : 10 SEC)

#### Setting the Recording Time of a Movie Clip



- Step  : To enter the setting mode  
 Step  : To select and confirm the option  
 Step  : To exit from the setting

#### Note

- Once the Shutter Button is pressed, the camera will start and end the recording automatically according to the time you select.
- If "Manual" is selected, press the Shutter Button to start the recording and press the Shutter Button again to stop the recording.

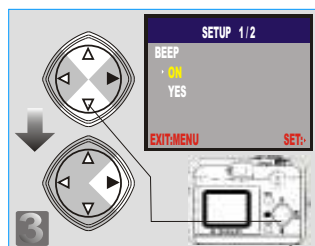
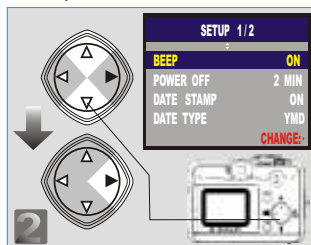
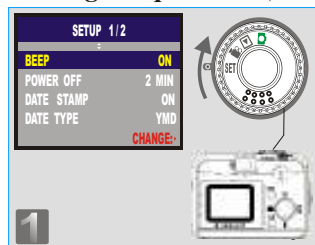
#### Note

The TFTLCD Monitor will show "Low Light!" as a warning to remind you that the video that you are going to record is in a low light environment.

## Advanced Functionality Settings

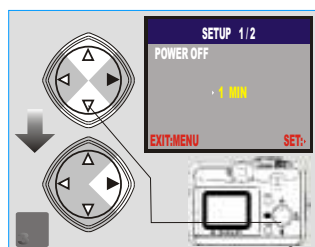
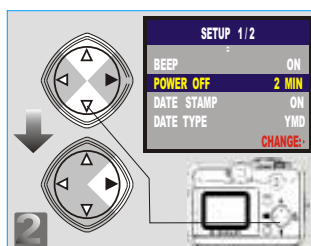
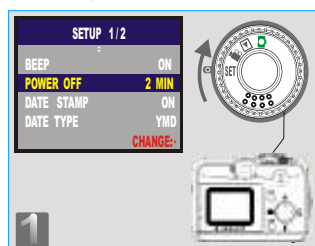
### Under Setup Mode (SET)

#### Setting Beep Sound (Preset : On)



- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option  
 Step 4 : To exit from the setting

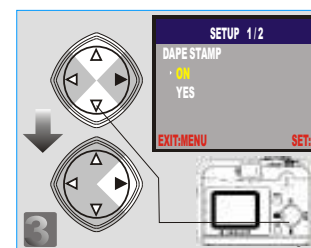
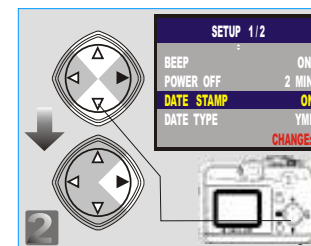
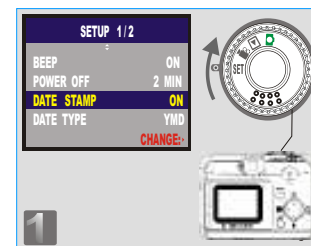
#### Setting Auto Power Off (Preset : 2 Minutes)



- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option  
 Step 4 : To exit from the setting

## Advanced Functionality Settings

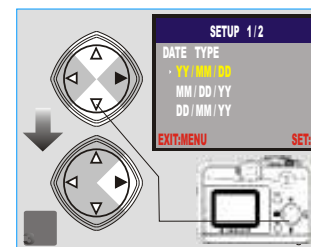
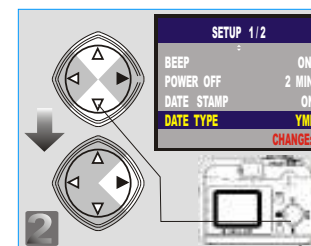
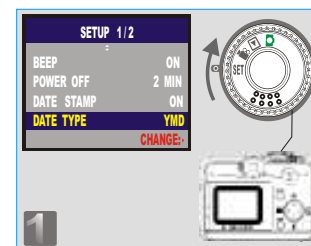
#### Setting Date Stamp (Preset : On)



- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option  
 Step 4 : To exit from the setting

**Note**  
 If "ON", the date in this image can be printed out.

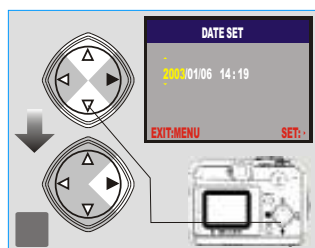
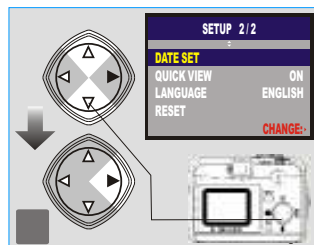
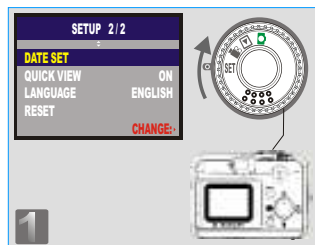
#### Setting Date Type



- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option  
 Step 4 : To exit from the setting

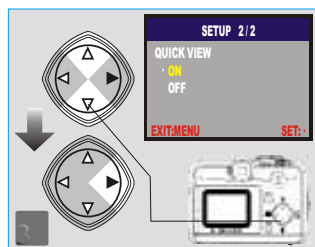
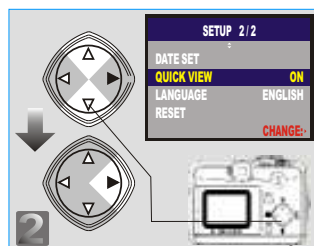
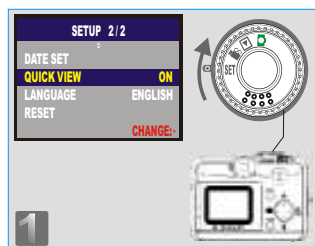
## Advanced Functionality Settings

### Setting Date



- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To set up the date  
 Step 4 : To exit from the setting

### Setting Quick View



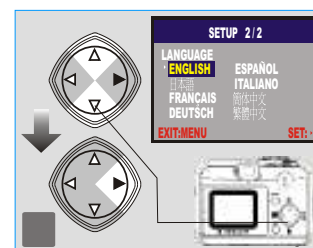
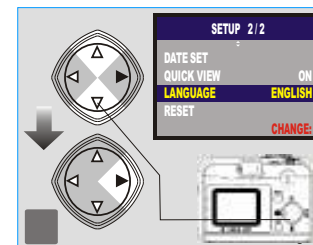
- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option  
 Step 4 : To exit from the setting

#### Note

This allows you to view the image on the TFT LCD Monitor right after you take a picture

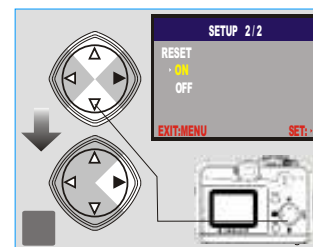
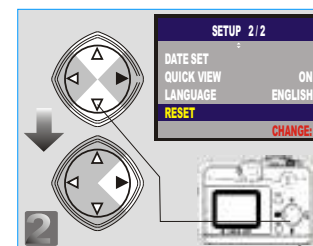
## Advanced Functionality Settings

### Setting Language



- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option  
 Step 4 : To exit from the setting

### Default Setting



- Step 1 : To enter the setting mode  
 Step 2 : To select and enter the option  
 Step 3 : To select and confirm the option  
 Step 4 : To exit from the setting

## PC Connection

### Installing the Camera's Driver

#### Under Microsoft Windows 98 / 98SE

##### **Step 1 :**

Insert the CD into the CD-ROM Drive. The installation program should run automatically. Click Driver to start with the installation.



##### **Step 2 :**

A welcome window appears. Click "Next" to the next step.

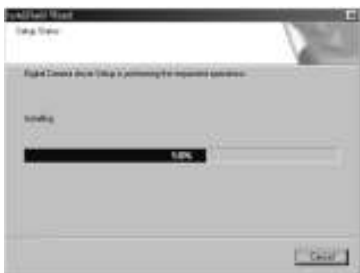


#### **Note**

In certain circumstances, the installation program may not run automatically. If this happens, please go to the Start Menu, click "Run" and key in "CD-ROM Drive : \Auto Run.exe", where "CD-ROM" Drive is the letter of your CD-ROM drive (e.g. "D:\AutoRun.exe"). Click the "OK" Button

##### **Step 3 :**

The computer starts with the installation.



##### **Step 4 :**

The computer starts with the installation of DirectX 8.1 if necessary.



## PC Connection

##### **Step 5 :**

Please select "Yes" and click "Finish" to restart the computer.



#### **Note:**

If the computer has DirectX 8.0 or later already, the installation procedure will skip steps 4 and 5 above and go directly to the following window, completing the driver installation.



## PC Connection

### Under Microsoft Windows 2000

#### Step 1 :

Insert the CD into the CD- ROM Drive. The installation program should run automatically. Click Driver to start with the installation.



#### Step 2 :

Click "OK" to proceed the installation of DirectX8.1.



#### Note

In certain circumstances, the installation program may not run automatically. If this happens, please go to the Start Menu, click "Run" and key in "CD-ROM Drive : \AutoRun.exe", where "CD-ROM" Drive is the letter of your CD-ROM drive (e.g. "D:\AutoRun.exe"). Click the "OK" Button



## PC Connection

#### Step 3 :

The computer starts with the installation of DirectX8.1 if necessary.

#### Step 4 :

Please select "Yes" and click "Finish" to restart the computer.



#### Note:

If the computer has DirectX 8.0 or later already, the computer will skip steps 3 and 4 above and go directly to the following window. Please complete the driver installation by clicking "OK".



## **PC Connection**

### **Under Microsoft Windows ME/XP**

The camera's driver is not required under Windows ME and Windows XP. So, go to page 47 for installation of Ulead Photo Explorer or go to page 61 to download the stored image(s) onto the PC. Please click "OK" if the prompt below appears.



### **Under Mac OS9.X or later**

This camera supports only Mac 9.X or later versions, allows you not to install any driver. Please go to page 51 for installation of Ulead Photo Explorer or go to page 62 to download the stored images onto the PC.

## **PC Connection**

### **Installing Ulead Photo Explorer**

#### **Under Windows Operating System (Windows 98/98SE/2000/ME/XP)**

##### **Step 1 :**

Insert the CD into the CD-ROM Drive. Click "Photo Explorer 7.0 SE Platinum".



##### **Step 2 :**

Click "Install Ulead Photo Explorer 7.0 SE Platinum".



##### **Step 3 :**

Choose operating language. 9 languages offered can be selected, which are Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Korean, and Spanish.



##### **Step 4 :**

As a welcome window appears, please click "Next" to go to next step.



## PC Connection

### Step 6:

Please read the content of the agreement first and click "Yes" to go the next step.



### Step 6:

Please enter your name and your company's name, clicking "Next".



### Step 7:

This software will be installed at "Disk C \Program Files \ Ulead Systems \Ulead Photo Explorer 7.0" automatically if you click "Next" . Or you can click "Browse" to locate the disk and folder you prefer.



### Step 8:

Click "Next" to go to next step.



## PC Connection

### Step 9:

As a new folder named "Ulead Photo Explorer 7.0 SE Platinum" is generated, click "Next" to go to next step.



### Step 10:

Set up the default TV system. Please select the country you are in.



### Step 11:

The installation of "Ulead Photo Explorer 7.0 SE Platinum" is starting now. You can click "Cancel" to stop the installation.



### Step 12:

Select the file association you would like to set and click "Next" to go to next step.



## **PC Connection**

### **Step 13 :**

If the operating system you are using is Windows 98, 98SE or ME, restarting the computer to complete the installation of Ulead Photo Explorer 7.0 SE Platinum is required. Please click "Finish" to complete the installation and restart the computer.



## **PC Connection**

### **Under Macintosh Operating System (Mac 9.X or later)**

### **Step 1 :**

Turn on the computer.

### **Step 2 :**

Insert the CD into the CD-ROM Drive. The computer will create an icon named "Driver CD" on the desktop.



### **Step 3 :**

Double click the icon and choose the language you prefer by double clicking on one of the below folders.

PEX 2.0: English

PEX 2.0F: French

PEX 2.0G: German

PEX 2.0I: Italian

PEX 2.0J: Japanese

PEX 2.0P: Portuguese

PEX 2.0S: Spanish



## PC Connection

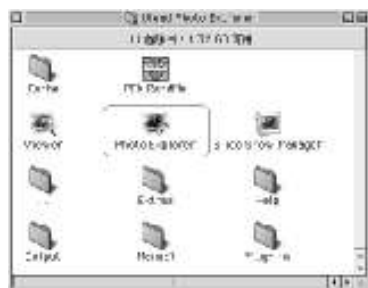
### Step 1:

Choose "Ulead Photo Explorer" and copy this file to the desktop.



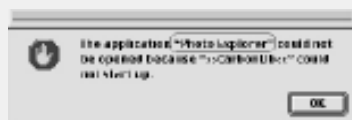
### Step 2:

Click on the newly created "Ulead Photo Explorer" icon on the desktop and double clicks on "Photo Explorer" folder to start Ulead Photo Explorer.



### Note

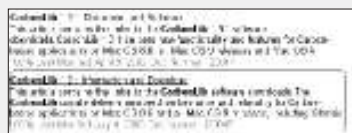
If a warning window shows please visit Apple's official web-site <http://kbase.info.apple.com> to download the latest version of CarbonLib.



a. Key in "CarbonLib" in the search bar and click "Search" button.



b. Download the latest version of CarbonLib.



c. Restart the computer.  
d. Go to the desktop and double click on the icon "Ulead Photo Explorer" to start Ulead Photo Explorer.

## PC Connection

### About Ulead Photo Explorer

#### Software license

The software described in this document is furnished under a License Agreement which is included with the product. This Agreement specifies the permitted and prohibited uses of the product.

#### Licenses and trademarks

ICI Library 1991-1992 C-Cube Microsystems. Ulead Systems, Inc. And the Ulead logo are trademarks of Ulead Systems, Inc. All other product names and any registered and unregistered trademarks mentioned in this manual are for identification purposes only and remain the exclusive property of their respective owners.

#### Technical supports

Registered users are entitled to Ulead technical support. The Ulead website has valuable up-to-date information about Photo Explorer, other Ulead products, and free downloads. Visit the Ulead website at [www.ulead.com](http://www.ulead.com) or send an e-mail to [support@ulead.com.tw](mailto:support@ulead.com.tw).

Headquarters:  
Ulead Systems, Inc.  
<http://www.ulead.com.tw>  
E-mail: [info@ulead.com.tw](mailto:info@ulead.com.tw)

North & South America:  
Ulead Systems, Inc.  
<http://www.ulead.com>  
E-mail: [info@ulead.com](mailto:info@ulead.com)

Japan:  
Ulead Systems, Inc.  
<http://www.ulead.co.jp>  
E-mail: [info@ulead.co.jp](mailto:info@ulead.co.jp)

Asia-Pacific:  
Ulead System, Inc.  
<http://www.asiapac.ulead.com>  
E-mail: [info@asiapac.ulead.com](mailto:info@asiapac.ulead.com)

Europe:  
Ulead Systems GmbH  
<http://www.ulead.de>  
<http://www.ulead.co.uk>  
<http://www.ulead.co.uk/fr>  
E-mail: [info@ulead.de](mailto:info@ulead.de)

China:  
Ulead Systems, Inc.  
<http://www.ulead.com.cn>  
E-mail: [info@ulead.com.cn](mailto:info@ulead.com.cn)

## **PC Connection**

### **System requirements**

Before installing Photo Explorer, make sure your computer meets these requirements:

- Intel® Pentium® processors (or 100% compatible processors)
- Microsoft Windows® 95/98, NT 4.0, 2000 or higher
- 32 MB RAM (or more)
- 17.8 MB available hard drive space for program files
- True Color or HiColor display adapter and monitor (recommended)
- 800 X 600 minimum display resolution
- Windows compatible pointing device
- Microsoft Internet Explorer 4.0 or higher
- Internet connection (recommended)
- 16-bit or better sound card and speakers (recommended)
- DirectX 6.0 or higher (for video functions only)

## **PC Connection**

### **The Browser**

Just like Windows Explorer, Photo Explorer's Browser shows the hierarchy of drives and folders in your computer at the left hand side and displays the files in a selected folder at the right. What's special about Photo Explorer's Browser is that multimedia files can be shown as visual thumbnails for easier identification. Simply click a desired file to immediately get an idea of the file's contents. You can preview images and actually play sound, video or even GIF animation files without actually opening them. Basic image editing functions are also available for enhancing images. In addition, you can bring together images, videos and sounds to create a slide show.

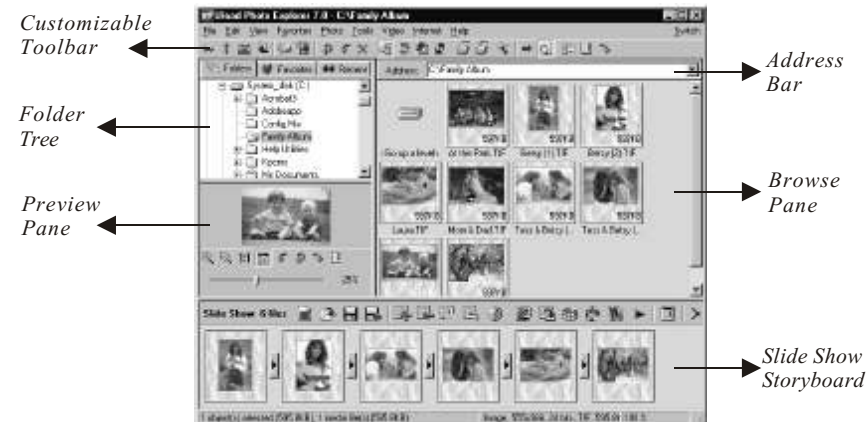










































Photo Explorer's Browser gives you different folder views. In the Folder Tree, you can switch to the Favorites list to create a collection of frequently visited folders. The Browser also keeps track of Recent folders you accessed and lets you return to them quickly.

## PC Connection

### Using the Ulead Photo Explorer Browser:

Area	Icon	Function
Main Toolbar		Open viewer
		Open new viewer
		Back
		Forward
		Rotate left
		Rotate right
		Delete
		Digital camera wizard
		TWAIN acquire
		Slide show
		Auto rename
		Convert
		Print thumbnails
		Print images
		Send to (Email out)
		Drop Spot
		Share on Web
		Display mode change (files detail information big icon)
		Photo properties
		Help

## PC Connection

Preview Pane		Zoom in
		Zoom out
		Original size
		Fit to screen
		Rotate left
		Invert
		Rotate right
		Image Properties
	 100%	
Slide Show Pane	Slider of Zoom in/out	
	Slide Show: 1 files	
	Number of selected files	
		New
		Open
		Save
		Save As
		Add
		Remove
		Move
		Rotate
		Slide Properties
		Screen Saver
		Export

## **PC Connection**

	Package
	Create Slide Show Disc
	Stitch Panorama
	Share
	Show
	Slide Show Options
	Close

## **PC Connection**

### **The Viewer**

Photo Explorer has a built-in Viewer integrated with the Browser. You can use the built-in Viewer to:

- Get a full-size or full-screen view of images.
- Navigate through images using the keyboard, toolbar buttons, or menu commands, or let Viewer automatically step through the images.
- Copy, rename or delete an image file.
- Copy an image for pasting onto your desired image editor.
- Rotate, flip and edit images, and then save the changes.
- Create wallpapers and screen savers using your images.



*Photo Explorer's built-in Viewer*















A standalone image viewer, the Ulead Instant Viewer, also comes with Photo Explorer. It is a simpler, independent application and its sole purpose is only for displaying images. Use Ulead Instant Viewer when you want to compare two or more full-size images. Each image will be opened in a separate window. You can also associate file types like JPG, GIF and BMP image files so that they will automatically display in the Ulead Instant Viewer.



*Ulead Instant Viewer windows*

## **PC Connection**

### **Using the Ulead Photo Explorer Viewer:**

Area	Icon	Function Describe
Main Toolbar		Open Explorer
		Open
		Print Image
		First image
		Previous
		Next
		Last image
		Zoom In
		Zoom Out
		Fit to screen
		Original size
		Auto Advance
		Full Screen
		Properties

## **PC Connection**

### **Downloading the Image(s)**

#### **Under Windows Operating System (Windows 98/98SE/2000/ME/XP)**

##### **■ Downloading Image(s) From Removable Disk**

1. Turn on the PC.
2. Switch on the camera.
3. Connect the camera to the PC with USB cable under any working mode. Please make sure the USB cable is well connected to the PC and camera.
4. When the USB cable is connected to the PC, it will create a new hard disk named Removable Disk.
5. The stored "image(s)" can be found in "Removable Disk\DCIM\100media".
6. View any image by double-clicking it.



##### **■ Downloading Image(s) Through Ulead Photo Explorer**

1. Connect the camera to the PC with USB cable under any working mode. Please make sure the USB cable is well connected to the PC and camera.
2. Start Ulead Photo Explorer 7.0 SE Platinum.
3. Click "File\Download From Memory Card" to get the stored image(s).



## **PC Connection**

### **Downloading the Image(s)**

#### **Under Macintosh Operating System (Mac 9.X or later)**

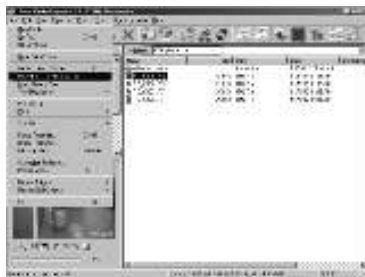
##### ■ **Downloading Image(s) From Removable Disk**

1. Turn on the PC.
2. Switch on the camera.
3. Connect the camera to the PC with USB cable under any working mode. Please make sure the USB cable is well connected to the PC and camera.
4. When the USB cable is connected to the PC, it will create a new icon named "untitled" on the desktop.
5. Double click on the icon.
6. The stored image(s) can be found in the folder of DCIM \ 100MEDIA \.
7. View any image by double-clicking it.




##### ■ **Downloading Image(s) Through Ulead Photo Explorer**

1. Connect the camera to the PC with USB cable under any working mode. Please make sure the USB cable is well connected to the PC and camera.
2. Start Ulead Photo Explorer 7.0 SE Platinum.
3. Click File \ Download From Memory Card to get the stored image(s).



## **Appendix**

### **Error Message Table**

Message	Cause	Solution
<b>CARD FULL</b>	There is insufficient card memory capacity to store an image.	Delete the stored image(s) in the memory card or insert a new memory card.
<b>MEMORY FULL</b>	There is insufficient internal memory capacity to store an image.	Delete the stored image(s) in the flash memory.
<b>CARD LOCKED</b> (CARD ICON is BLINKING)	The SD card is locked	Set the SD card protection switch to non-protection position.
<b>LOCK</b>	The image can't be deleted while it is protected.	Unlock the protected image.
<b>NO IMAGE</b>	There is no image stored in the memory card or built-in flash memory.	
<b>FILE ERROR</b>		Delete this image and take the picture again.
<b>MEMORY ERROR</b>		Format the flash memory.
<b>CARD ERROR</b>		Insert a new memory card or format the card
<b>LOW LIGHT!</b>	The environment is too dark in "Flash Off" or Night Scene mode.	Set the flash mode to Auto Flash or Fill-in Flash.
<b>HAND SHAKE ICON</b> (  )	The environment is too dark in "Flash Off" or Night Scene mode.	Set the flash mode to Auto Flash or Fill-in Flash.
<b>LENS COVER</b>	The lens cover is closed.	Please open the lens cover before taking pictures.

## Appendix

### Specifications

Specifications		
Image Sensor	Type	1/2.7" CCD
	Total Pixels	Approx. 3.3 Megapixels
	Effective Pixels	Approx. 3.14 Megapixels
Lens	Focal Length	f=5.1mm (35mm film equivalent: 34mm)
	F No.	F2.9 / F8.0
	Digital Zoom	Capture Mode:4x (continuous) & Play Mode:4x (continuous)
LCD Display		1.6" color TFTLCD (80k pixels)
Viewfinder	Optical Viewfinder	Optical virtual image viewfinder
Focusing	Type	Fixed Focus with two steps manual adjustment
	Range	Macro: 0.2m, Normal: 0.8m~infinity
Shutter	Type	Mechanical shutter and electronic shutter
	Speed	1/4~1/1000 sec. Mechanical shutter 1/1000 sec. Electronic shutter
Exposure	Control	Programmed AE
	Compensation	± 2EV (0.5EV / steps)
	ISO Equivalent	Auto (100-200)
Flash	Modes	Auto / Auto Flash with Red-eye Reduction / Slow sync / Fill-in flash / Flash off
	Range	0.8 ~ 2.5m
	Recharging	Approx.: 10 sec.
White Balance		Auto / Daylight / Fluorescent / Tungsten / Sunset
Shooting	Still Image	Modes : Single image
	Movie Clip	Size : 320x240 with Audio Recording time : 10~30 sec. (10sec. / steps) and Manual
Self-timer		10 seconds with LED indicator
Storage	Media	Internal memory: 16MB flash memory External memory: SD Card (Optional)
	File Format	Still Image: JPEG, EXIF2.1, DCF1.0, DPOF1.1 Movie Clip: AVI with wave sound
	Image Size	Extra Large :2560x1920 via interpolation, large: 2048x1536 pixels, Medium: 1600x1200 pixels, Small: 1280x960 pixels
Image Play		Single image / AVI play / Thumbnails / Slideshow
Interface		Digital output connector : USB 1.1 DC power input connector : 3.3V / 2.0A
Power Source		2 pcs of AA alkaline / 2 pcs of Ni-MH AC adapter (Optional)
Dimensions (WxHxD)		94 x 66 x 41 mm
Weight		140g
Software	Camera Driver	Mass Storage Driver
	Application	Ulead PhotoExplorer 7 / PhotoExplorer 2 (MAC version)

## Appendix

- The performance of the items above is according to the conditions used in our test.  
The specifications and/or appearance of the product may be altered without notification.

- 1) DCF (Design rule for Camera File system) is a standard by JEITA mainly for the purpose of simplifying the use of image files taken by digital cameras with other related devices.
- 2) DPOF (Digital Print Order Format) specified by Canon, Inc., Kodak Co., Ltd., Fuji Photo Film Co., Ltd., and Matsushita Electric Industrial Co., Ltd. is a standard for recording specified information such as the images or quantity to print from the images taken by a digital camera on a recording medium.

System Requirements	
For Windows	CPU: better than MMXPentium 233MHz (XP : PentiumII 300MHz) Windows 98/98SE/2000/ME/XP Minimum 32MB RAM(XP: 128MB) 110MB of available hard-disk space USB port, CD-ROM drive 800x600 pixels, 16-bit color display compatible monitor (24-bit color display recommended)
For Macintosh	Power Mac G3/G4 or later Mac OS 9.0/9.1/9.2/MacOSX (Ver.10.1~10.2.6) Minimum 64MB RAM 110MB of available hard-disk space USB port, CD-ROM drive QuickTime 4.0 or later for MovieClip 800x600 pixels, 16-bit color display compatible monitor (24-bit color display recommended)



## Warranty and After-sales Service

**For repair, handling and care, first consult the dealer from whom you purchased the camera.**

### Warranty (separately attached)

Before accepting the warranty card, please make sure that the date of purchase and dealer of purchase and the dealer's details have been completed. After reading the warranty, keep it in a safe place.

**Warranty period (main unit): one year from the date of purchase**

### When requesting service

Disconnect the power supply and contact the dealer from whom you purchased the camera.

**Note: Transportation cost for taking/bringing back the product to/from repair, shipping costs or carrying charges are at the customer's expense. When shipping the product, pack the unit appropriately and use a shipping method such as registered mail or express mail to prevent loss of the product.**

### During the warranty period

Repairs will be made by the dealer from whom you purchased the camera according to the contents of the warranty. For repair, take the product and the warranty to the dealer from whom you purchased the camera.

### Outside the warranty period

Repairable products can be repaired for a charge upon request. However, the minimum holding period of performance parts for repairing digital still cameras is 8 years after termination of production.

**Note: Performance parts for repair are parts necessary to maintain the functions of the product.**



## Warranty and After-sales Service

### FCC Compliance Statement:

Declaration of Conformity

Responsible party: KONICA PHOTO IMAGING

Address: 725 Darlington Avenue Mahwah, NJ 07430, U.S.A.

Telephone number: (201) 574-4000

This device complies with Part 15 of the FCC 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 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 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 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.
- Shielded cables must be used for this equipment to comply with the relevant FCC regulation.
  - Power requirement is DC 3.3V 10% and 2.0A max. Use only listed certified power supply adapter.
  - The user is cautioned that changes and modifications made to the equipment without approval of the manufacturer could void the user's authority to operate this equipment.



Tested To Comply  
With FCC Standards  
FOR HOME OR OFFICE USE

- However, note that operation of this unit near a radio or television receiver could possibly cause radio disturbance.



## *Warranty and After-sales Service*

---

### **CANADA ONLY**

Industry Canada's Compliance Statement:  
This Class B digital apparatus complies with Canadian ICES-003.

# Konica

