Konica KD-25

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

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 broken. 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 lighting 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, vdust 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.

Introduction

Accessories Included

Digital Camera

Camera Driver & Ulead Software & User Manual

2 x AA Batteries

Camera Pouch

Wrist Strap

Quick Start Guide

Quick
Start
Guide

USB Cable

Introduction

External View

Top

Shutter Button

Mode Dial

View Finder

Front

Flash

Self-timer LED

USB Connector

DC In Connector

Lens   Focus Switch

Bottom

Battery/Memory
Card Cover

Tripod Socket

Introduction

Back

View Finder
Power Switch

LED Indicator

Menu Button

Strap Eyelet

TFT LCD Monitor

Up (▲)Direction Button
Down (▼)Direction Button
Left (◄)Direction Button
Right (►)Direction Button

TFT LCD Button
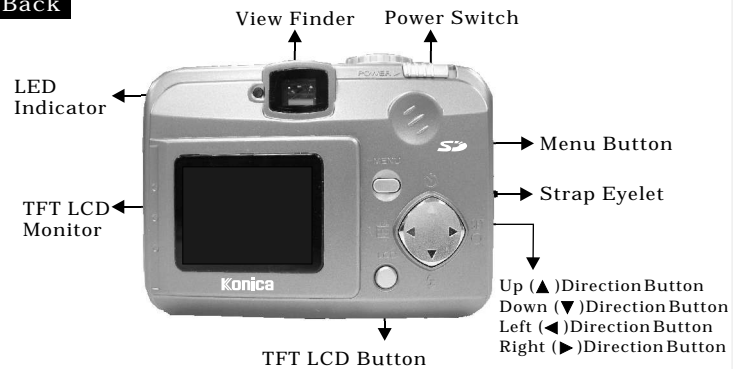
Mode Dial
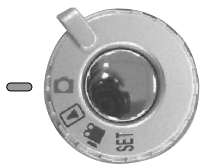
‣ Shooting Mode (📷)
‣ Playback Mode (▶)
‣ Movie Clip Mode (🎥)
‣ Setup Mode (SET)

Focus Range
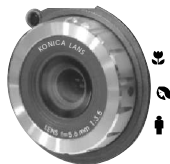
‣ Macro (🌷): 0.18m~0.25m
‣ Portrait (👤): 0.8m~1.3m
‣ Normal (👤): 1.3m~infinity

Introduction

TFT LCD Monitor Icon Definition

Battery status
(▭) Battery full
(▭) Battery half drained
(▭) Battery drained

Macro or portrait

Digital zoom

Working mode
(📷)Shooting mode
(▶)Playback mode
(🎥)Movie clip mode
(SET)Setup mode

Flash mode
(⚡A)Auto flash
(👁)Auto flash with
   red-eye reduction
(🌙)Night scene
(⚡)Fill-in flash
(🚫)Flash off

White balance
(AUTO)Auto
(☀)Daylight
(⛅)Sunset
(💡)Fluorescent
(💡)Tungsten

Image quality
(★★★)Super fine
(★★)Fine
(★)Normal

Image size
(▦)2048x1536
(▢)1600x1200
(▣)1280x960
(▤)640x480

Exposure

Memory card inside

Date

Icon Index

Working Mode	📷	▶	🎥	SET	
Focus Range	🌷	🏵	👤		
Flash Modes	⚡A	👁	🌙	⚡	🚫
Digital Zoom	X4 X1				
Thumbnails	▦				
Self-timer	⏱				
Movie Clip	🎥				
Memory Card Inside	💾				
Battery Status	🔋	🔋	🔋		
Image Size (Resolution)	Cₛ	Cᴍ	Cʟ	XL	
Image Quality	★	★★	★★★		
White Balance	AUTO	☀	🌊	🔆	🔅
Exposure	±0	🖼			
Protected Image	🔑				
Print (DPOF)	🖨				

How to Switch On Or Off The Camera

To switch on the camera, slide the Power Switch to the side and hold it for 1 second.
To switch off the camera, slide the Power Switch to the side and hold it for 1 second again.

Loading the Batteries

This camera is using 2 x AA batteries.
1. Make sure the camera is switched off.
2. Open the Battery / Memory Card Cover.
3. Load the batteries into the battery chamber following the polarity indications.
4. Close the Battery / Memory Card Cover.

Note
From the TFT LCD Monitor you can see the battery status shown below:
(🔋): Battery power full.

(🔋): Battery power half drained. Please prepare with new batteries.

(🔋): Battery drained. Replace the old batteries with new ones.

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 $60C^0(140^0F)$, 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 using. 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℃.
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.

Using An AC Adapter(Opticnal)

1. Switch off the camera.
2. Make sure the AC adapter is 3.3V/2.0A.
3. Plug the AC adapter into the DC In Connector.
4. Switch on the camera.

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

Attaching The Wrist Strap

Please refer to the figure 1. 2. 3. below:

1.

2.

3.

Inserting An SD Card

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

Note
If a new SD card is used, you'll have to format it first.
Please refer to page 18 for details.

Note
This camera is equipped with a built-in flash memory. The image(s) can be stored either in the built-in memory or in a memory card. Please note that if a memory card is not inserted, all operations will affect only the built-in flash memory. All images will be stored onto the memory card rather than the built-in flash memory.

Removing An SD Card

1. Make sure 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. Take out the card and close the Battery / Memory Card Cover.

Note
This camera comes with approximately 8 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
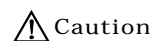
SD Memory Cards are manufactured using precision electronic components. Do not perform the following as malfunction or damage may occur as a result.

• 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 for 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.

Preparation For Taking Pictures

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 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.

Setting Up Functions Before Taking Pictures

Under Shooting Mode (📷)

Please set the Mode Dial at Shooting Mode (📷) before setting up the below functions.

Setting Up Focus Range
Before you take pictures, please make sure you set the Focus Switch at the correct focus range or the image may not be clear.
a. Macro (🌷): 0.18m~0.25m
b. Portrait (🔍): 0.8m~1.3m
c. Normal(👤): 1.3m~infinity
If the Focus Switch is set at (🌷) or (🔍), the symbol of (🌷/🔍) on the TFT LCD monitor indicates the focus is not set at normal focus range.

Turning On Or Off The TFT LCD Monitor (Preset : On status)
The TFT LCD Monitor is automatically turned on when the camera is switched on. With the LCD Button, you can turn on or off the TFT LCD monitor.

Setting Up Flash Mode (Preset : Auto Flash mode)
There are five flash modes shown below(Use Down (▼)Direction Button to slect):
a. Auto flash(⚡A): The camera will identify the necessity of using the flash. If the environment is too dark the flash will fire automatically.
b. Auto flash with red-eye reduction(●): The camera will identify the necessity of using the flash to reduce the occurrence of red-eye symptom in the image.
c. Night scene (🌙): The shutter speed will become slow in order to catch more light to make good images in low light circumstances. Under this mode, it is suggested to use a tripod to make sure the camera is held still while taking the picture.
d. Fill-in-flash(⚡): The flash will fire in any light circumstances.
e. Flash off (⚡): The flash will not fire in any light circumstances.

Setting Up Self-timer (Preset : off)
To activate the self-timer or cancel the self-timer, press Up (▲) Direction Button. Self-timer will be activated when the Shutter Button is pressed. This function can delay the shutter from release for 10 seconds. Self-timer is automatically canceled after the shutter is released.

Setting Up Digital Zoom
This camera is equipped with 4X digital zoom (Continuously). To activate digital zoom please press Right Direction (▶)Button. To adjust the status of digital zoom please use Right Direction (▶) Button and Left Direction (◀)Button. To cancel digital zoom function please adjust it to 1.0X.

Note
It is normal that the image with digital zoom is not as sharp as the image without digital zoom.

Setting Up Image Size (Preset : 1600 x 1200)
Please set the Mode Dial at Shooting Mode (◘) and press Menu Button to enter "Still Image" menu table. Use Up Direction Button (▲) and Down Direction Button(▼) to move the color bar to the feature you would like to set up. Press Right Direction Button (▶) to enter the setting and select your preferred setting using Up (▲) and Down (▼) Direction buttons. Press Right Direction Button (▶) to confirm the new setting or press Menu Button to cancel the setting. When the LCD Display is back to the "Still Image" menu table, please check if the new setting is shown on the right side of the LCD screen. If the new setting is not shown please repeat the above procedure.

1. Select "Image Size".

2. There are four resolutions can be selected which are:

Image Size	Compression Ratio	8MB SD Memory Card
2048x1536	SUPER FINE FINE NORMAL	About 8 Photos About 16 Photos About 25 Photos
1600x1200	SUPER FINE FINE NORMAL	About 10 Photos About 18 Photos About 26 Photos
1280x960	SUPER FINE FINE NORMAL	About 15 Photos About 28 Photos About 43 Photos
640x480	SUPER FINE FINE NORMAL	About 48 Photos About 83 Photos About 153 Photos

Setting Up Image Quality (Preset : Fine quality)
Please set the Mode Dial at Shooting Mode (◘) and press Menu Button to enter "Still Image" menu table.
 1. Select "Quality"
 2. Three levels of image quality can be selected as follows:

   (✭) Super Fine
   (★★) Fine
   (★) Normal
 3. Press Right Direction Button (▶) to confirm the setting.

Note
The better the image quality is set, the less the number of images can be stored in the built-in flash memory or the memory card.

Setting Up White Balance (Preset : Auto White Balance)
Please set the Mode Dial at Shooting Mode (📷) and press Menu Button to enter "Still Image" menu table.

1. Select "White Balance"
2. Five modes can be selected as follows:
   (AUTO) Auto White Balance: The camera will adjust the white balance by itself. It is suggested that the user to stay with this mode unless the light environment is very different from normal.
   (☀) Daylight: For strong light environment.
   (⬥) Sunset: For sunset light environment.
   (☶) Fluorescent: For fluorescent light environment.
   (☀) Tungsten: For tungsten light environment.
3. Press Right Direction Button (▶) to confirm the setting.

Setting Up Exposure (Preset : ±0)
Please set the Mode Dial at Shooting Mode (📷) and press Menu Button to enter "Still Image" menu table.
1. Select "Exposure"
2. Select the exposure from +2.0 to -2.0 (0.5 per step).
3. Press Right Direction Button (▶) to confirm the setting.

Note
The higher the value is, the brighter the image will be.

Under Playback Mode(▶)

Please set the Mode Dial at Playback Mode (▶) before setting up the below functions. The TFT LCD Monitor will show the latest captured image. Use Up(▲) and Down (▼) Direction Buttons to select other captured images or movie clips.

Formatting An SD Card
Please format the new card for the first time in advance before using it.
Please set the Mode Dial at Playback Mode (▶) and press Menu Button to enter "Play" menu table.
1. Select "Delete".
2. Select "Format".
3. Select "No" to cancel the order or select "Yes" to format the memory card.
4. Press Right Direction Button (▶) to confirm the setting.

Formatting The Built-in Flash Memory
Make sure no memory card is inside.
1. Select "Delete".
2. Select 'Format'.
3. Select "No" to cancel the order or select "Yes" to format the built-in flash memory.
4. Press Right Direction Button (▶) to confirm the setting.

Setting Up Slide Show (Preset : 1 second)
Please set the Mode Dial at Playback Mode (▶) and press Menu Button to enter "Play" menu table.
1. Select "Slide Show".
2. Select the time for slide show from 1 second to 9 seconds (2 seconds per step).
3. Press Right Direction Button (▶) to start the slide show.

You can press Menu Button to cancel the slide show.

Setting An Image At Protect Status Or Cancel The Protection Of An Protected Image
Please set the Mode Dial at Playback Mode (▶) and press Menu Button to enter "Play" menu table.

Setting An Image At Protect Status (Preset : Unlock)
To set an image at protect status can prevent the selected image
from being erasing.
  1. Select "Protect".
  2. Select "Lock" to protect the selected image.
  3. Press Right Direction Button (▶) to confirm the setting.

Note
After the above steps are done, please check if the (⚿) is shown on the right
side of the TFT LCD screen. If it is not shown please repeat the above steps.

Cancelling The Protection Of An Protect Image
  1. Select "Protect".
  2. Select "Unlock" to cancel the protection.
  3. Press Right Direction Button (▶) to confirm the setting.

Printing Out An Image With A Printer Without Going
Through PC (Preset : X0)
Please set the Mode Dial at Playback Mode (▶) and press Menu
Button to enter "Play" menu table. Use Up Direction Button (▲)
and Down Direction Button (▼) to move the color bar to the
option you would like to set up.
  1. Select "Print ".
  2. Select the number of copies you would like to print out from
     X0 to X9. The number means the number of the copies you
     would like to print out.
  3. Take out the memory card from the camera and put it into the
     card reader slot of the printer.
  4. Set the printer at DPOF Print and then the printer will print
     out the selected image(s) according to the number(s) you set.
  5. Press Right Direction Button (▶) to confirm the setting
     or select Menu Button to cancel the setting.

Note
After the above steps are done, please check if the (🖳) is shown on
the left down corner. If it is not shown, please repeat the steps.

Note
This function can only work with a memory card, not with the built-in
flash memory.

Under Movie Clip Mode(🎥) (Preset : 10 Seconds)

Please set the Mode Dial at Movie Clip Mode(🎥) .

Setting Up Recording Time
  1. Select the time for the movie clip,"10 seconds, 20 seconds, 30
     seconds" or "Manual".
  2. Press Right Direction Button (▶) to confirm the setting.
  3. Press Shutter Button to start recording.

Note
1. In spite of selecting 10, 20 or 30 seconds, press the Shutter
   Button and the camera will start the recording and stop
   automatically according to the time you select.
2. If "Manual" is selected, press the Shutter Button to start the
   recording or press the Shutter Button again to stop the recording.

Note
The TFT LCD 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.

Under Setup Mode(SET)

Please set the Mode Dial at Setup Mode (SET). Use Up Direction
Button (▲) and Down Direction Button (▼) to move the color
bar to the feature you would like to set up. Press Right Direction
Button(▶) to enter the setting and select your preferred setting
using Up (▲) and Down (▼) Direction Buttons. Press Right
Direction Button (▶) to confirm the new setting or press Menu
button to cancel the setting. When the LCD Display is back to the
"Setup" menu table, please check if the new setting is shown on
the right side of the LCD screen. If the new setting is not shown
please repeat the above procedure.

Setting Up Beep Sound (Preset : On)
Please set the Mode Dial at Set Up Mode (SET).
 1. Select "Beep".
 2. Press Right Direction Button (▶).
 3. Select "On" to activate the beep sound or select "No" to
    disable the beep sound.
 4. Press Right Direction Button (▶) to confirm the setting.

Setting Up Auto Power Off (Preset: 2 Minutes)
 1. Select "Power Off".
 2. Press Right Direction Button (▶).
 3. Select the time of auto power off from 1 to 10 minutes.
    Or select "Cancel" to cancel auto power off function.
 4. Press Right Direction Button (▶) to confirm the setting.

Setting Date Stamp (Preset : On)
 1. Select "Date Stamp".
 2. Press Right Direction Button (▶).
 3. Select "On" to activate date imprint or select "Off" to cancel it.
 4. Press Right Direction Button (▶) to confirm the setting.

Setting Date Type
 1. Select "Date Type".
 2. Press Right Direction Button (▶).
 3. Select the following date types:
     YY/MMM/DD: Year/Month/Date
     MM/DD/YY: Month/Date/Year
     DD/MM/YY: Date/Month/Year
 4. Press Right Direction Button (▶) to confirm the setting.

Date Setup
 1. Select "Date Setup".
 2. Press Right Direction Button (▶).
 3. Use Up (▲) and Down (▼) Direction Buttons to change the
    numbers.
 4. Use Right (▶) and Left (◀) Direction Buttons to confirm
    and move to next.
 5. Press Right Direction Button (▶) to confirm the setting.

Setting Up Quick View (Preset : On)
 1. Select "Quick View".
 2. Press Right Direction Button (▶).
 3. Select "On" to activate quick view or select "Off" to cancel
    quick view.
 4. Press Right Direction Button (▶) to confirm the setting.

Note
The quick view is to show the image that you just captured on the TFT
LCD one second after each shot.

Setting Up Language
 1. Select "Language".
 2. Press Right Direction Button (▶).
 3. Select the language that you prefer. There are English,
    Japanese, French, German, Spanish, Italian, Simplified
    Chinese and Traditional Chinese provided.

Resetting to Default Setting
 1. Select "Reset".
 2. Press Right Direction Button (▶).
 3. Select "Yes" to reset to default setting or select "No" not to
    reset to default setting.
 4. Press Right Direction Button (▶) to confirm the setting.

Taking Pictures

1. Switch on the power by sliding the Power Switch to the side, holding it for 1 second, and letting it go.
2. Set the Mode Dial at Shooting Mode (⬛) for still image capture or Movie Clip Mode (🎥) for videos.
3. If you would like to capture a still image, please set the focus switch at correct focus range which are:
   Macro (🌷): 0.18m~0.25m
   Portrait (🌰): 0.8m~1.3m
   Normal (👤): 1.3m~infinity

4. Set up all the preferred features and functions.
5. Hold still and press the Shutter Button.
6. The LED Indicator will start blinking after the Shutter Button is released. After the LED Indicator stops blinking, then you are able to take another shot.

Note
The TFT LCD Monitor will show "Low Light!" as a warning to remind you that the image that you are going to capture is under a low light environment. It is suggested to set the Flash Mode at Auto Flash or Fill-in Flash for supplementary light to compose a good image.

Playback / Erasing

Viewing A Part Of An Image
Set the Mode Dial at Playback Mode (▶). The TFT LCD Monitor will show the latest captured image.
 1. Press Right Direction Button (▶).
 2. Press Up Direction Button (▲) to adjust the size of the image.
 3. Press Right Direction Button (▶) again to enter.
 4. Use four direction buttons to view the image.
 5. Press Menu Button to cancel this function.

Showing The Information Of A Still Image
Please set the Mode Dial at Playback Mode (▶) . The TFT LCD Monitor will show the latest capture image. Use Up (▲) and Down (▼) Direction Buttons to select other captured images.
 1. Select an image.
 2. Press LCD Button to show the information.
 3. Press LCD Button again to erase the information.

Playback / Erasing

Playing A Recorded Movie Clip
Please set the Mode Dial at Playback Mode (▶). Use Up (▲)
and Down(▼) Direction Buttons to select a movie clip.
Select a recorded movie clip.
Press Right Direction Button (▶) to play the movie clip.

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

Going Into Thumbnail Images (Small Images)
Please set the Mode Dial at Playback Mode (▶).
  1. Press Left Direction Button(◀) to enter thumbnail image
     table.
  2. Use Up(▲) and Down(▼) to select an image or movie clip.
  3. Press Right Direction Button(▶) to enlarge the selected
     image or movie clip.
  4. To go back to the thumbnail image table press Left Direction
     Button (◀) again.

Note
When a thumbnail image is selected, please check if it shows (🎬) on
the left top corner of the LCD screen. If (🎬) is shown it means the
selected thumbnail is a movie clip but not a still image.

Deleting Image(s)
Please set the Mode Dial at Playback Mode (▶) and press Menu
Button to enter "Play" menu table.
  1. Select "Delete"
  2. (a) Select "Delete Image" to confirm the willing to delete the
         selected image or movie clip.
     (b) Select "Delete All" to confirm the willing to delete all stored
         images or movie clips.
  3. Select "No" to cancel the order or select "Yes" to delete.
  4. Press Right Direction Button (▶) to confirm the setting.

Installing Camera Driver

Under Microsoft Windows 98 / 98SE

1. Turn on the computer.

2. Insert the CD into the CD-ROM Drive.

■ If the PC is set to auto run the program, simply click "Driver"
  to start the installation.

■ If the PC is not set to auto run the program, please go to the
  Start Menu, click "Run" and key in
  "CD-ROM Drive:\Camera.exe" and then click "OK" Button.

Installing Camera Driver

3. A welcome window appears and please click "Next" to got to next step.

4. The computer will start the installation.

5. Click "Finish" to start the installation of DirectX8.1 .

Installing Camera Driver

6. Click "Yes" to proceed the installation of DirectX8.1.

7. A license agreement appears and please read the content of the agreement. If you accept the terms of the license agreement, click "Yes" to go the next step. Or you can click "No" to cancel the installation of Ulead Explorer 7.0 SE Platinum.

8. The PC will start the installation of DirectX8.1. After the installation of Direct X8.1 the installation of camera driver is complete.

Installing Camera Driver

9. Please click "OK" to restart the PC.

Installing Camera Driver

Under Microsoft Windows 2000

1. Turn on the computer.

2. Insert the CD into the CD-ROM Drive.

■ If the PC is set to auto run the program, simply click "Driver" to start the installation.

■ If the PC is not set to auto run the program, please go to the Start Menu, click "Run" and key in "CD-ROM Drive:\Camera.exe" and then click "OK" Button.
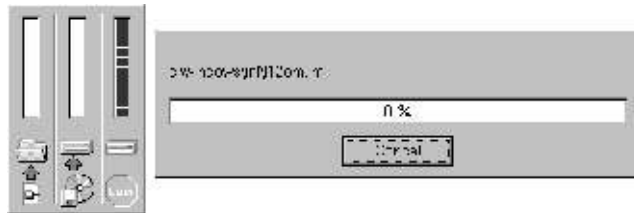
Installing Camera Driver

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

4. A license agreement appears and please read the content of the agreement. If you accept the terms of the license agreement, click "Yes" to go the next step. Or you can click "No" to cancel the installation of Ulead Explorer 7.0 SE Platinum

5. The PC will start the installation of DirectX8.1. After the installation of Direct X8.1 the installation of camera driver is complete.
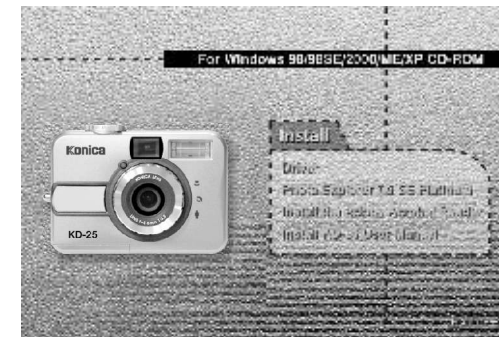
Installing Camera Driver

6. Please click "OK" to restart the PC.

Installing Camera Driver

Under Microsoft Windows ME / XP

Windows ME and Windows XP do not need to install this driver. Please skip the driver installation and go to page 33 for installation of Ulead Photo Explorer or go to page 52 to download the stored image(s) onto the PC.

Installing Camera Driver

Under Mac 9.X or later

This camera supports only Mac 9.X or versions later. If the operating system that you are using is later than Mac 9.X, you will not need to install this driver. Please skip the driver installation and go to page 40 for installation of Ulead Photo Explorer or go to page 54 to download the stored images onto the PC.

Installing Ulead Photo Explorer

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

1. Insert the CD into the CD-ROM Drive.

2. Click "Photo Explorer 7.0 SE Platinum" .
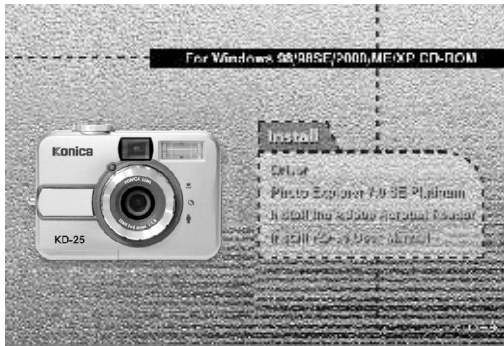
3. Click "Install Ulead Photo Explorer 7.0 SE Platinum" .

Installing Ulead Photo Explorer

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

5. A welcome window appears and please click "Next" to go to next step.

6. A window of license agreement appears and please read the content and click "Yes" to go to next step if you accept the terms of the agreement. Or you can click "No" to cancel the installation of Ulead Explorer 7.0 SE Platinum.

7. Enter your name and your company's name and click "Next".
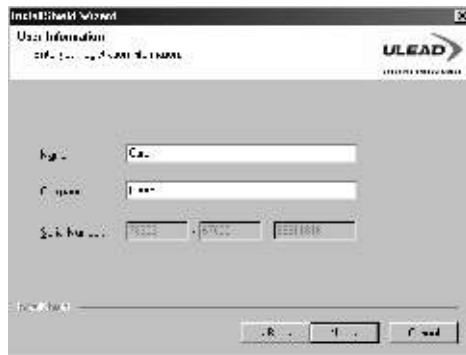
8. This software will be installed at "Disk C \Program Files \ Ulead Systems \ Ulead Photo Explorer 7.0" automatically if you click "Next". Or you can click "Browse" to choose the destination folder to install this software.

9. Click "Next" to go to next step.
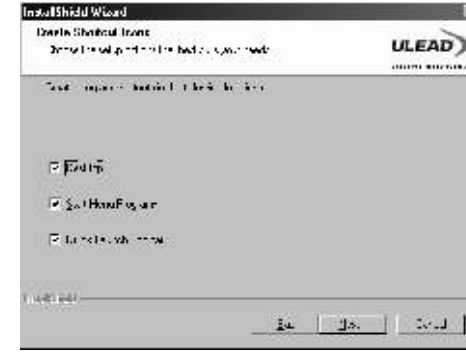
10. The computer will add a new program folder named "Ulead Photo Explorer 7.0 SE Platinum" . Click "Next" to go to next step.

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

12. The computer will start installing "Ulead Photo Explorer 7.0 SE Platinum" now. You can click "Cancel" to stop the installation.

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

Installing Ulead Photo Explorer

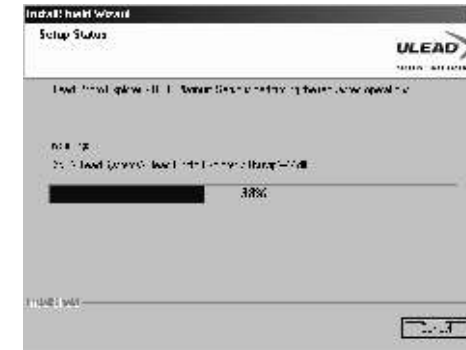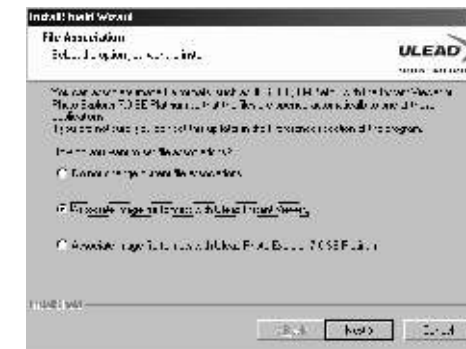14. If the operating system you are using is Windows 98, 98SE or ME, you'll have to restart the computer to complete the installation of Ulead Photo Exlorer 7.0 SE Platinum. It is suggested to restart the computer now. Click "Finish" to complete the installation and restart the computer.
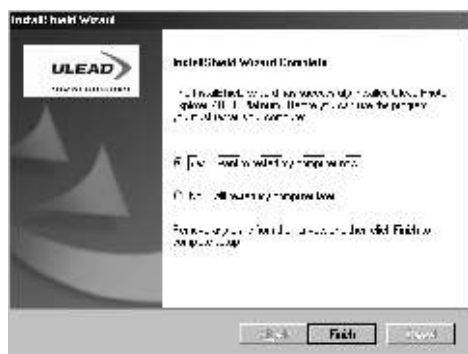
Installing Ulead Photo Explorer

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

1. Turn on the computer.

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

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

PEX 2.0: English

PEX 2.0F: French

PEX 2.0G: German

PEX 2.0 I : Italian

PEX 2.0J : Japanese

PEX 2.0P: Portuguese

PEX 2.0S: Spanish

4. Choose "Ulead Photo Explorer" and copy this file to the desktop.
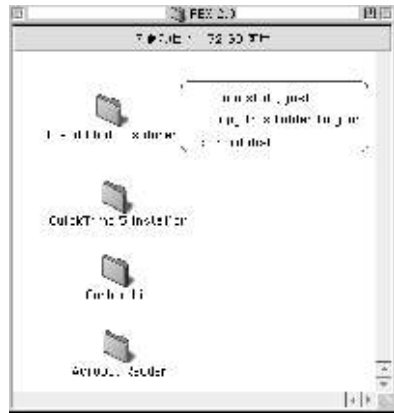
5. Click on the newly created "Ulead Photo Explorer" icon on the desktop and double click on "Photo Explorer" folder to start Ulead Photo Explorer.
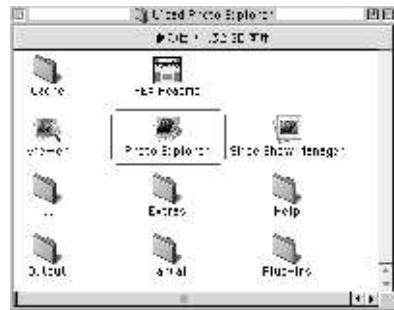
If a warning window shows please visit Apple's official web-site http://kbase.info.apple.com to download the latest version of CarbonLib.

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.

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 support

Registered users are entitled to Ulead technical support. Our Web site has valuable up-to-date information about Photo Explorer, other Ulead products, and free downloads. Visit our Web site at www.ulead.com, or send an e-mail at support@ulead.com.tw.

Headquarters:	North & South America:
Ulead Systems, Inc.	Ulead Systems, Inc.
http://www.ulead.com.tw	http://www.ulead.com
E-mail: info@ulead.com.tw	E-mail: info@ulead.com

Japan:	Asia-Pacific:
Ulead Systems, Inc.	Ulead System, Inc.
http://www.ulead.co.jp	http://www.asiapac.ulead.com
E-mail: info@ulead.co.jp	E-mail: info@asiapac.ulead.com

Europe:	China:
Ulead Systems GmbH	Ulead Systems, Inc.
http://www.ulead.de	http://www.ulead.com.cn
http://www.ulead.co.uk	E-mail: info@ulead.com.cn
http://www.ulead.co.uk/fr	
E-mail: info@ulead.de	

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)

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.

Customizable Toolbar

Folder Tree

Preview Pane

Address Bar

Browse Pane

Slide Show Storyboard

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.

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

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

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

About Ulead Photo Explorer

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

About Ulead Photo Explorer

When using any application, it is important for you to set up a work environment that's comfortable and convenient for you. Photo Explorer provides many options that can change the look and feel of what's on-screen to suit your needs. You can also make Photo Explorer as your default image viewer and editor, or configure other programs to open and edit your images.

About Ulead Photo Explorer

Using the Ulead Photo Explorer Viewer:

Area	Icon	Function
Main Toolbar		Open Explorer
		Open
		Print Image
		First image
		Previous
		Next
		Last image
		Zoom In
		Zoom Out
		Fit to screen
	1:1	Original size
		Auto Advance
		Full Screen
		Properties

Downloading Image(s) Onto Your PC

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 the image with double click.

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).

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 the image with double click.

Downloading Image(s) Onto Your PC

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).
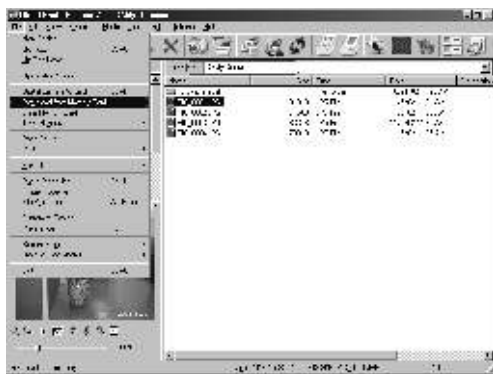
Error Message Table

Message	Cause	Solution
CARD FULL	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.
MEMORY FULL	There is insufficient internal memory capacity to store an image.	Delete the stored image(s) in the flash memory.
CARD LOCKED (CARD ICON blinking)	The SD card is under protection.	Set the card protection switch at non-protection position.
LOCK	The Image can't be deleted under protection.	Unlock the protected image (please see page19).
NO IMAGE	There is no image stored in the memory card or built-in flash memory.	
FILE ERROR		Delete this image and take the picture again.
MEMORY ERROR		Format the flash memory (see page18).
CARD ERROR		Insert a new memory card.
LOW LIGHT!	The environment is too dark with "Flash Off" mode.	Set the flash mode at Auto Flash or Fill-in Flash.
HAND SHAKE ICON ( )	The environment is too dark with "Flash Off" mode.	Set the flash mode at Auto Flash or Fill-in Flash.

⊙ Specifications

Image Sensor	Type	CCD
	Total Pixels	Approx. 2.1 Mega pixels
	Effective Pixels	Approx. 1.92 Mega pixels
Lens	Focal Length	f=5.6mm (35mm film equivalent : 43mm)
	F No.	F3.5 / F8.0
	Digital Zoom	Shooting Mode: 4X, Playback Mode: 4X (Continuously)
LCD Display		1.6" color TFT LCD
Viewfinder	Optical Viewfinder	Optical image viewfinder
Focusing	Type	Fixed Focus with three-step manual adjustment
	Range	Macro: 0.18-0.25m, Portrait: 0.8-1.3m, Normal: 1.3m-infinity
Shutter	Type	Mechanical shutter and Electrical shutter
	Speed	1/4 ~ 1/1000 sec. Mechanical shutter
		1/1000 sec. Electrical shutter
Exposure	Control	Programmed AE
	Compensation	±2EV (0.5EV / step)
	ISO Equivalent	Auto (100-200)
Flash	Modes	Auto Flash / Auto Flash with Red-Eye Reduction / Night Scene / Fill-in Flash / Flash Off
	Range	0.8 ~ 3.0m
	Recharging	Approx.: 10 sec.
White Balance		Auto / Daylight / Sunset / Fluorescent / Tungsten
Shooting	Still Image	Single image
	Movie Clip	Size : 320x240
		Recording time: 10~30 sec.(10 sec. /step) and Manual
Self-timer		10 seconds with LED indicator
Storage	Media	Internal memory: 8MB flash memory
		External memory: Support SD Card
	File Format	Still Image: JPEG, EXIF 2.1, DCF 1.0, DPOF 1.1
		Movie Clip: AVI
	Image Size	Extra-Large: 2048 x1536 by interpolation
		Large: 1600 x1200 pixels
		Medium: 1280 x960 pixels
		Small : 640 x480 pixels
Image Play		Single image / AVI play / Thumbnails / Slide show
Interface		Digital output connector: USB
		DC power input connector : 3.3V / 2.0A
Power Source		2 x 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 (Windows98/98SE/2000)
	Application	Ulead PhotoExplorer 7.0 SE Platinum / PhotoExplorer 2.0

⊙ Specifications

• 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.

Specifications

System Requirments	
For Windows	CPU:better than MMX Pentium 233MHz (XP : Pentium II 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 or later Mac OS 9.X or later Minimum 64MB RAM 110MB of available hard-disk space USB port, CD-ROM drive QuickTime 4.0 or later for Movie Clip

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
If symptoms persist after having checked the table on pages 110 and 111, Troubleshooting, 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.

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 4.2V 10% and 1.5 A 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.

FC C   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.

CANADA ONLY

Industry Canada's Compliance Statement:
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil num rique de la classe B est conforme la norme NMB-003 du Canada

Konica