



DIGITAL CAMERA

FinePix 1300

1.3
MEGA
PIXELS

Getting Ready

1

Basic Photography

2

Advanced Features

3

Advanced Features
Playback

4

Settings

5

OWNER'S MANUAL

This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix1300 correctly. Please follow the instructions carefully.

BB11884-200(1)

E

Warning

For customers in the U.S.A.

FCC Statement

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.

CAUTION

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.
- You are cautioned that any changes or modifications not expressly approved in this manual could void your warranty.

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (→P.76) and make sure you understand them before using the camera.

EC Declaration of Conformity

We
Name :
Address :

Fuji Photo Film (Europe) G.m.b.H.
Heesenstrasse 31
40549 Dusseldorf, Germany

declare that the product

Product Name : FUJIFILM DIGITAL CAMERA FinePix1300
Manufacturer's Name : Fuji Photo Film Co., Ltd.
Manufacturer's Address : 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8520, Japan

is in conformity with the following Standards

Safety : EN60950
EMC : EN55022 : 1998 Class B
EN55024 : 1998
EN61000-3-2 : 1995 + A1:1998 + A2:1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).



Dusseldorf, Germany

August 1, 2000

Place

Date

Signature/Managing Director



Bij dit product zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA

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Preface

■ Test Shots Prior to Photography

For particularly important photographs (such as weddings and overseas trips), always take a test photograph to check that the camera is functioning normally.

- Fuji Photo Film Co., Ltd cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

■ Notes on Copyright

Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory cards containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ Liquid Crystal

If the LCD monitor or LCD panel is damaged, take particular care with the liquid crystal in the monitor or panel. If any of the following situations arise, take the urgent action indicated.

- If liquid crystal comes in contact with your skin. Wipe the area with a cloth and then wash thoroughly with running water and soap.
- If liquid crystal gets into your eye. Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.

- If liquid crystal is swallowed. Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

■ Notes on Electrical Interference

If the camera is needed used in hospitals or aircrafts, please note that this camera may cause interference to other equipment in the hospital or aircraft.

For details, please check with the applicable regulations in that place.

■ Handling Your Digital Camera

This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impacts or shocks while an image is being recorded.

■ Trademark Information

- IBM PC/AT is a registered trademark of International Business Machines Corp. of the USA.
- Mac and Macintosh is a trademark of Apple Computer, Inc.
- MS-DOS and Windows are registered trademarks of the Microsoft Corporation of the U.S., registered in the USA and other countries.
- Windows is an abbreviated term referring to the Microsoft Windows Operating System.
- SmartMedia is a trademark of Toshiba Corporation.
- Other company or product names are trademarks or registered trademarks of the respective companies.

Camera Features and Accessories

Features

- Superb high-quality images from the 1.31-megapixel CCD and high-resolution Fujinon lens
- Capable of recording images at resolutions up to 1280 x 960 pixels
- Lightweight, compact body
- 1.6-inch color LCD monitor
- Wide-angle field of view (with Macro function)
- Automatic built-in flash with high-precision wide-range flash control sensor
- Manual photography mode that allows fine tuning of the camera settings
- Digital 2 x telephoto for photography and 1.2 x to 4 x zoom playback function
- Mode dial and 4-direction button for simple operation
- Compatible with high-capacity memory cards and SmartMedia™
- Date and time recording/playback function
- USB connection allows simple, high-speed image data transfer (using the enclosed interface)
- Conforms to the new standard for digital camera file system*
- Design suite for Camera File system
- Support for DPOF* simplifies print ordering
- DPOF stands for "Digital Print Order Format"

Accessories

- AA-size alkaline batteries (4)



- SmartMedia (8MB, 3.3V)(1)
Supplied with : • Anti-static case (1)
• Index labels (1 set)



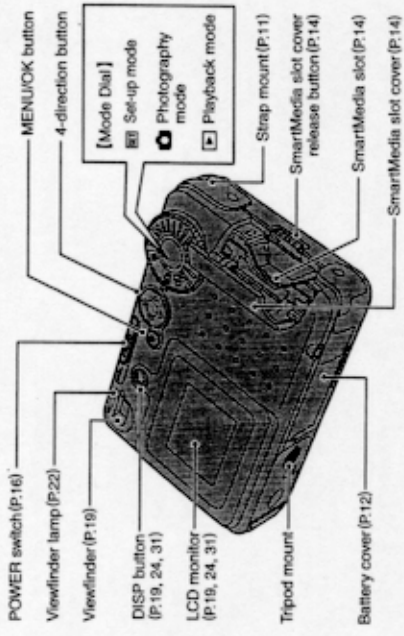
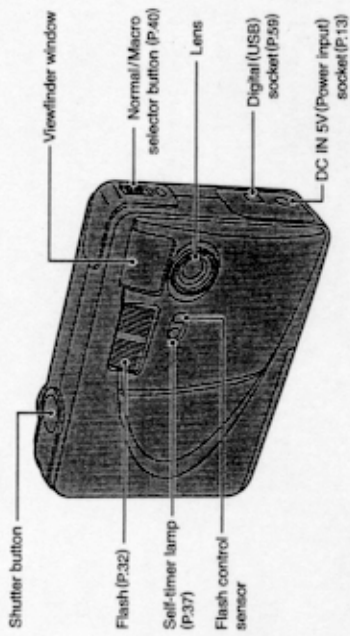
- Hand Strap (1)



- Interface Set (1)
• CD-ROM (1)
• Special connection cable (1)
• Quick Start Guide (1)

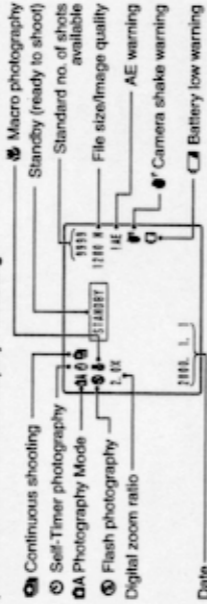
- Owner's Manual (this manual) (1)

Nomenclature • Refer to the pages in parentheses for information on using the camera features.

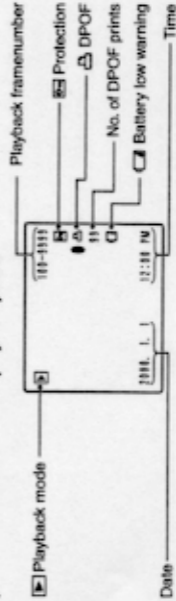


Nomenclature

Example of LCD Monitor Text Display : Shooting

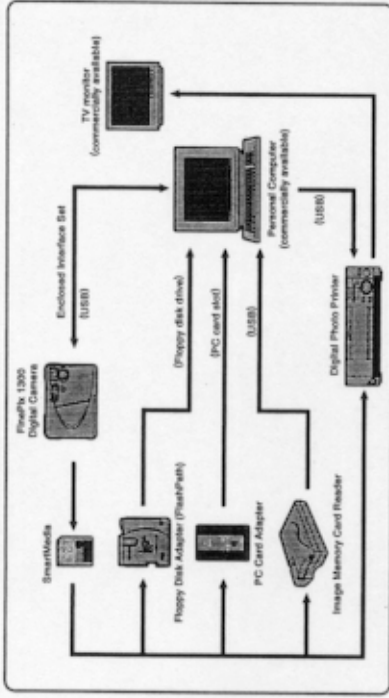


Example of LCD Monitor Text Display : Playback

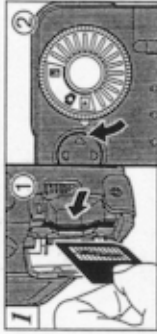


System Expansion Options

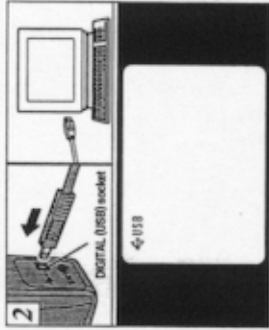
► By using the FinePix 1300 together with other optional Fujifilm products, your system can be expanded to fill a wide range of uses.



Downloading Images to a Personal Computer



- 1 Load the SmartMedia (→P.14).
- 2 Switch the camera on (→P.16) and set the Mode dial to "P".



Fit the small plug on the special connection cable into the DIGITAL (USB) socket on the camera and then plug the other end of the cable into the USB socket on your personal computer. When you switch the PC on, "USB" appears in the upper left corner of the LCD monitor.

- Do not use cables other than the special connection cable provided.
- Refer to the enclosed Quick Start Guide for information on installing and using the software.



When the viewfinder lamp is lit orange or blinking green, data access (downloading) is in progress. Never open the slot cover or disconnect the cable during data access. This can prevent data downloading and cause camera malfunctions.

◆ Replacing the SmartMedia ◆

- On Windows98 Check that data access is not in progress and then replace the SmartMedia.
- On Windows2000 Professional Check that the viewfinder lamp is green. Then click on the Eject icon in the taskbar and replace the SmartMedia.
- On a Macintosh Drag the removable disk icon on the desktop to the Trash. When the "REMOVE OK" message appears on the LCD monitor, replace the SmartMedia.

- Opening the slot cover switches the camera off. Once you have replaced the SmartMedia, switch the camera back on.

Accessories Guide

▶ The optional accessories (sold separately) can make taking pictures with the FinePix1300 even easier. For information on how to attach and use the accessories, refer to the instructions provided with the accessory used.

● SmartMedia™

These are separately available SmartMedia cards.

- Use the following SmartMedia:
- MG-4S : 4MB, 3.3V ● MG-8S : 8MB, 3.3V ● MG-16S/SW : 16MB, 3.3V
 - MG-32S/SW : 32MB, 3.3V ● MG-64S/SW : 64MB, 3.3V
 - Some 3.3V SmartMedia are labelled as "3V" or "10" cards.



● AC Power Adapter AC-5V/AC-5VH

Use the AC-5V/AC-5VH when taking pictures for a long period of time or when the FinePix1300 is connected to a personal computer.

- The Shapes of the AC power adapter, the plug and socket outlet depend on the country.



● Fujifilm Rechargeable Battery 2HR-3UJ

The 2HR-3UJ includes 2 pieces of high-capacity AA-size Nickel Metal Hydride batteries.



● Fujifilm Rechargeable Battery 4KR-3UJ

The 4KR-3UJ includes 4 pieces of high-capacity AA-size Ni-Cd batteries.



● Fujifilm Battery charger with Battery BK-NH (AC 220V only)

The BK-NH includes the quick battery charger BCH-NH and 2 Ni-MH batteries. The BCH-NH can charge 2 Ni-MH batteries in approximately 110 minutes. Up to 4 Ni-MH or Ni-Cd batteries can be charged simultaneously.



● Floppy Disk Adapter (FlashPath)

This adapter is the same size and shape as a 3.5-inch floppy disk. You can copy the images on a SmartMedia to your PC simply by loading the SmartMedia into the floppy disk adapter and then inserting the adapter into your floppy disk drive.



Compatible OS		Compatible SmartMedia
FD-A1/A15/A1N	Windows95/98, NT 4.0 Macintosh	5V/3.3V, 2MB to 32MB
FD-A2		5V/3.3V, 2MB to 64MB

● PC Card Adapter

The PC Card Adapter allows the SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type II).

- PC-AD2 : Compatible with SmartMedia of 5V/3.3V, 2MB to 8MB.
- PC-AD3 : Compatible with SmartMedia of 5V/3.3V, 2MB to 64MB.



● SM-R1/R2 Image Memory Card Reader

The SM-R1/R2 allows images to be read and written from an image memory card (SmartMedia) to a personal computer. Its USB interface provides high-speed data transmission.

- Windows98, Windows 2000 Pro or Power Macintosh with USB interface.



● SC-C15

This case can be used when carrying the camera to protect it from dust, dirt and mild impacts.

Explanation of Terms

AE Lock:

On this camera, pressing the shutter button halfway locks the exposure settings (AE lock). If you want to change the composition of your shot after you set the exposure, you can get excellent results by using AE lock before you compose your shot and take the picture.

Auto Power Off Function:

If the camera is not used in any way for two minutes or more, the Auto Power Off function switches the camera off. This is to prevent battery depletion and to avoid wasting power when the camera is connected to the AC power adapter. Auto Power Off does not operate when the Auto Power Off function is disabled or a USB connection is used.

DPOF:

Digital Print Order Format (DPOF) is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are printed and how many prints are made of each image.

EV:

A number that denotes exposure. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed. When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.

JPEG:

Joint Photographics Experts Group (JPG) is a file format used for compressing and saving color images. The compression ratio can be selected, but the higher the compression ratio, the poorer the quality of the expanded image.

White Balance:

Regardless of the type of lighting, the human eye adapts so that a white object still looks white. On the other hand, devices such as digital still cameras register a white subject as white by first adjusting their internal color balance to match the color of the ambient light around the subject. This adjustment process is referred to as matching the white balance. A function that automatically matches the white balance is called an **auto white balance** function.

Notes on Using Your Camera Correctly

► Be sure to read this information in conjunction with before you use this product "Safety Notes" (→P.76) to ensure that you use your camera correctly.

■ Places to Avoid

Do not store or use the camera in the following types of locations:

- Very humid, dirty or dusty places
- In direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer. Extremely cold places
- Places subject to strong vibrations
- Places affected by smoke or steam
- Places subject to strong magnetic fields (such as places near motors, transformers or magnets)
- For long periods in contact with chemicals such as pesticides or neat to rubber or vinyl products
- Do not expose the camera to sand. The FinePix1300 is particularly and adversely affected by sand. In sandy locations such as beaches or deserts, or in locations where there is wind borne sand, ensure that the camera is not exposed to sand. This can cause faults that may be irreparable.

■ Notes on Condensation

If the camera is carried suddenly from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When the viewfinder lamp is lit orange or flashing orange, this indicates that data access is in progress. Condensation

may also form on the SmartMedia card. In this event, remove the SmartMedia and wait a short time before using it again.

■ When the Camera is Unused for Long Periods

If you do not intend to use the camera for a long period, of time remove the batteries and the SmartMedia card before storing the camera.

■ Cleaning Your Camera

- Use a blower brush to remove dust from the lens and LCD surface and then wipe lightly with a soft, dry cloth. If any soiling remains, apply a small amount of lens cleaning liquid to a piece of Fujifilm lens cleaning paper and wipe gently.
- Do not scratch hard objects against the lens, LCD monitor screen or viewfinder as these surfaces are easily damaged.
- Clean the body of the camera with a soft dry cloth. Do not use volatile substances such as thinners, benzine or insecticides, as these may react with camera body and cause deformation or remove the coating.

■ When travelling overseas

Do not place your camera in the check-in baggage. Baggage handling at airports may subject baggage to violent shocks, and the camera may be damaged internally even when no external damage is visible.

Notes on the Power Supply

Applicable Batteries

- AA-size alkaline, Ni-MH (nickel metal hydride), or Ni-Cd batteries can be used with this camera.
- Do not use AA-size manganese or lithium batteries in your FinePix1300 because the heat generated by the batteries could damage the camera or cause malfunctions.
- Because different brands of alkaline batteries have different capacities, the life of some batteries (the length of time for which they can be used) may be considerably shorter than that of the alkaline batteries supplied with this camera.

Notes on the Batteries

- Incorrect use of the batteries could cause them to leak, become hot, ignite or burst. Always observe the precautions given below.
- Do not heat the batteries or throw them into a fire.
 - Do not carry or store a battery with metal objects such as necklaces or hairpins that could come into contact with the metal positive (+) and negative (-) poles of the battery.
 - Do not expose the batteries to fresh or sea water, and take particular care to keep the terminals dry.
 - Do not attempt to deform, disassemble or modify the batteries.
 - Do not attempt to peel off or cut the battery casing.
 - Do not drop, strike or otherwise subject the batteries to strong impacts.

- Soiling such as fingerprints on the battery terminals can markedly reduce the number of available shots. Carefully wipe the battery terminals clean with a soft dry cloth before loading the batteries.

⚠ If any liquid is spilled from the battery compartment, immediately wipe the liquid with a soft cloth. Do not touch the battery terminals with your fingers. If any battery acid comes into contact with your hands or clothing, wash the area thoroughly with water. Note that battery acid can cause loss of eyesight if it gets in your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and consult your physician for treatment.

Disposing of Batteries

When disposing of batteries, do so in accordance with your local waste disposal regulations.

- **Notes on Small Rechargeable Batteries (Ni-MH or Ni-Cd batteries)**
 - Always use the special battery charger to charge AA-size Ni-MH or Ni-Cd batteries. Charge the batteries as described in the instructions provided with the battery charger.
 - Do not use the battery charger to charge batteries other than those specified for use with the charger.
 - Note that the batteries may feel warm immediately after being charged.
 - Ni-MH and Ni-Cd batteries are not charged at shipment. Be sure to charge the batteries before using them.
 - The camera mechanism is such that it draws a minute amount of current even when the camera is switched off.

Take particular care not to leave Ni-MH or Ni-Cd batteries in the camera for a long period of time as they can become excessively discharged and no longer be usable even when charged.

- Ni-MH and Ni-Cd batteries self-discharge even when not used. Always charge Ni-MH and Ni-Cd batteries before using them. If the time for which a battery provides power shortens markedly when it has been correctly charged, this indicates that the battery has reached the end of its effective life and should be replaced.

Notes on Using the AC Power Adapter

Always use the AC-5V AC Power Adapter AC-5V/AC-5VH (sold separately) with the FinePix1300 Digital Camera.

The use of an AC power adapter other than the AC-5V/AC-5VH could result in damage to your camera.

- Ensure that you do not touch the contact areas on the AC power adapter against any other metal object as this could cause a short circuit.
- Do not plug the AC power adapter into the DIGITAL socket as this could damage your camera.
- Do not plug in the AC power adapter while you are operating the camera using batteries. Switch the camera off first.
- Do not load the batteries while you are operating the camera using the AC power adapter. Switch the camera off first.
- If you disconnect the AC power adapter when there are no batteries in the camera, the date may be cleared. If this occurs, reset the date.

Notes on the SmartMedia™

■ SmartMedia

The SmartMedia card supplied with your FinePix1300 camera is a new image recording medium developed especially for use in digital cameras. Each SmartMedia card contains a built-in semiconductor memory chip (NAND flash memory) which is used for storing digital image data.

Because the data is stored electronically, the stored image data can be erased from the card and new data recorded.

■ SmartMedia with IDs

The SmartMedia ID is a SmartMedia that has an individually assigned identification number. SmartMedia ID cards can be used with devices that use ID numbers for copyright protection or other purposes. This camera accepts SmartMedia ID cards in the same way as conventional SmartMedia cards.

■ Storing Data

In the situations listed below, recorded data may be erased (destroyed). Please note that Fuji Photo Film Co., Ltd. accepts no responsibility whatsoever for the loss (destruction) of recorded data.

- ✦ When the SmartMedia is used incorrectly by the owner or a third party
- ✦ When the SmartMedia is exposed to static electricity or electrical noise
- ✦ When the SmartMedia cover is opened or the

SmartMedia removed and the camera is then switched off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back.

Back up important data onto another medium (MO disk, floppy disk, hard disk, etc.).

■ Notes on Handling SmartMedia

- When inserting the card into the camera, hold the SmartMedia straight as you push it in.
- Never remove the SmartMedia or switch the camera off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back. These actions could result in damage to the SmartMedia.
- Use only the SmartMedia specified for use with the FinePix1300. The use of other SmartMedia could damage the camera.
- SmartMedia are precision electronic devices. Do not bend, drop, or subject SmartMedia to excessive shocks.
- Do not use or store SmartMedia in environments likely to be affected by strong static electricity or electrical noise.
- Do not use or store SmartMedia in very hot, humid or corrosive environments.
- Be careful not to touch the SmartMedia's contact area or allow the area to become soiled. Use a dry lint-free cloth to wipe away any soiling that does occur.

● To avoid damage caused by static electricity, always use the special static-free case provided during transportation or storage, or keep the SmartMedia in a storage case if available.

● Do not carry SmartMedia in locations such as a trouser pocket. This could subject the SmartMedia to excessive force when you sit down, therefore damaging the SmartMedia.

● The SmartMedia may feel warm when it is removed from the camera after extended periods of picture taking or image viewing. This is normal and does not indicate a fault.

● Inserting a SmartMedia that is charged with static electricity into your camera may result in a camera malfunction. If this occurs, switch the camera off and then on again.

● Affix the label onto the designated area of the card. Do not use third-party labels as this can lead to problems when the card is inserted or removed.

● When you attach the label, take care that it does not cover any of the write-protect area.

■ Notes on Using SmartMedia with a PC

- If you intend to take photos using a SmartMedia that has been used on a PC, format the SmartMedia on your camera.
- When you format a SmartMedia in the camera and then

shoot and record images, a directory (folder) is automatically created. Image data is then recorded in this directory.

● Do not change or delete the directory (folder) names or file names on the SmartMedia from your PC as this will make it impossible to use the SmartMedia in your camera.

● Always use the camera to erase image data on a SmartMedia.

● To edit image data, copy the image data to the computer's hard disk and then edit the copied data.

■ Specifications

Type	Image memory card for digital cameras (SmartMedia)
Operating voltage	3.3V
Operating conditions	Temperature: 0°C to +40°C (+32°F to +104°F) Humidity: 80% or less (condensation free)
Dimensions	37 X 45 X 0.76mm (1.45 X 1.77 X 0.03in.) (W X H X D)

Specifications

System

- Model
- Digital camera
- Pickup Elements
- 1/2.7-inch square pixel CCD (1.3 million pixels)
- Resolution
- 1,280 x 1920 pixels / 640 x 480 pixels
- File format
- DCF-compliant (Exif Ver. 2.1, JPEG-compliant), DPOF-compatible
- Viewfinder
- Real Galileo type ; Frame coverage : 80%
- Lens
- Fujifilm optical fixed-focus lens F4.5/F11
- Storage media
- SmartMedia (3.3V)
- Number of frames recorded

Pixel	1280 X 960			640 X 480		
	FINE	NORMAL	BASIC	NORMAL	BASIC	NORMAL
Quasi-Motion Compression Ratio	Approx. 1/4	Approx. 1/8	Approx. 1/16	Approx. 1/8	Approx. 1/8	Approx. 1/8
Image Data Size	Approx. 810KB	Approx. 310KB	Approx. 160KB	Approx. 90KB	Approx. 90KB	Approx. 90KB
4MB (MG-4S)	6	12	23	44	44	44
8MB (MG-8S)	12	24	46	89	89	89
16MB (MG-16S/3W)	25	49	89	163	163	163
32MB (MG-32S/5W)	50	99	180	330	330	330
64MB (MG-64S/5W)	101	198	361	663	663	663

- LCD monitor
- 1.6-inch, 65,000-pixel D-TFD
- Self-Timer
- 10 sec. timer clock

Input/Output Terminals

- Digital
- USB (1) for image data output with a personal computer
- DC Input
- Socket for specified AC power adapter

Power Supply and Others

- Power supply
- Use one of the following:
 - 4AA-size alkaline batteries
 - 4AA-size Ni-MH (nickel metal hydride) batteries (sold separately)
 - 4AA-size long-life (Minimum 1,000mAh) Ni-Cd (nickel-cadmium) batteries (sold separately)
- AC-5V/AC-5VH AC Power Adapter (sold separately)
- No. of available shots using battery (battery life)

Battery type	With LCD monitor OFF	With LCD monitor ON	With LCD monitor Off*
Alkaline batteries	Approx. 663 frames	Approx. 663 frames	Approx. 663 frames
Ni-MH battery HR-3LF	Approx. 663 frames*	Approx. 663 frames*	Approx. 663 frames*
Ni-Cd battery KR3LF	Approx. 663 frames*	Approx. 663 frames*	Approx. 663 frames*

* with fully charged battery

- This indicates the number of available frames shot consecutively at room temperature with a flash use rate of 50%. Note that these figures may vary depending on the ambient temperature and the amount of charge in the battery.
- Conditions for use
- Temperature : 0°C to +40°C (+32°F to +104°F) ; 80% humidity or less (no condensation)
- Camera dimensions (W/H/D)
- 125 x 65 x 39mm / 4.9 x 2.6 x 1.5in. (not including accessories and attachments)
- Camera mass (weight)
- Approx. 200g / 7.1oz (not including accessories, batteries or SmartMedia)
- Weight for photography
- Approx. 300g / 10.6oz (including batteries and SmartMedia)
- Accessories
- See P.7
- Optional Accessories
- See P.62, 63

● These specifications are subject to change without notice.
 ● The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.