This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix S9100/FinePix S9600 correctly. Please follow the instructions carefully.
To prevent fire or shock hazard, do not expose the unit to rain or moisture.
For customers in the U.S.A.

Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

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 authority to operate the equipment.

Notes on the Grant:
To comply with Part 15 of the FCC Rules, this product must be used with a FujiFilm-specified ferrite-core A/V cable, USB cable and DC supply cord.

For customers in Canada

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

Important

This symbol on the product, or in the manual and in the warranty, and/or on its packaging indicates that this product shall not be treated as household waste. Instead it should be taken to an approved collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

If your equipment contains easily removable batteries or accumulators please dispose these separately according to your local requirements.

The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you have purchased the product.

In countries outside the EU:
If you wish to discard this product, please contact your local authorities and ask for the correct way of disposal.
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Preface

Test Shots Prior to Photography
For important photographs (such as weddings and overseas trips), always take a test shot and view the image to make sure that the camera is working 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 (xD-Picture Card or CF/Microdrive) 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 is damaged, take particular care with the liquid crystal in the monitor. 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 soap and running water.
- 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 to be 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.

Handling Your Digital Camera
This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

Trademark Information
- Fujicolor and xD-Picture Card™ are trademarks of Fuji Photo Film Co., Ltd.
- IBM PC/AT is a registered trademark of International Business Machines Corp. of the U.S.A.
- Macintosh, Power Macintosh, iMac, PowerBook, iBook and Mac OS are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
- Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Windows is an abbreviated term referring to the Microsoft® Windows® Operating System.
- The “Designed for Microsoft® Windows® XP” logo refers to the camera and the driver only.
- Other company or product names are trademarks or registered trademarks of the respective companies.

Explanation of Color Television System
NTSC: National Television System Committee, color television telecasting specifications adopted mainly in the U.S.A. and Japan.
PAL: Phase Alternation by Line, a color television system adopted mainly by European countries and China.

Exit Print (Exit ver. 2.2)
Exit Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

Do not store or use the camera in direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer.
Camera parts and features

- **Power switch**
  - Power-OFF (P.31)

- **Shutter button**

- **SShutter button**

- **Flash button (P.51)**

- **Continuous shooting button (P.54)**

- **EVF/LCD (monitor selector) button (P.21, 23)**

- **EvF monitor**

- **Diopter adjustment dial**

- **AE-L (AE lock) button (P.21, 46)**

- **EVF/LCD (monitor selector) button (P.21, 23)**

- **Indicator lamp (P.26)**

- **Mode dial**
  - **Still photography**
    - M Manual (P.44)
    - A Aperture-priority Auto (P.43)
    - S Shutter-priority Auto (P.42)
    - P Programmed Auto (P.41)
    - M Auto (P.40)
  - **Movie recording**
    - Movie (P.93)

- **AF-assist illuminator (P.26) / Self-timer lamp (P.65)**

- **Release socket (P.25)**

- **Exposure compensation button (P.46)**

- **Viewfinder (EVF)**

- **LCD monitor**

- **Tripod mount**

- **CF / Microdrive slot (P.14)**

- **CF / Microdrive eject button (P.15)**

- **Battery cover (P.13)**

- **AE-L (AE lock) button (P.21, 46)**

- **4-direction (△▽▼▼) button (P.21)**

Accessories included

- **AA-size Alkaline Batteries (LR6) (4)**
- **Strap (1)**
- **USB cable (mini-B) (1)**
- **CD-ROM (2)**
  - Software for FinePix CX
  - Hyper-Utility Software
- **Owner’s Manual (this manual) (1)**

- **AA-size Alkaline Batteries (LR6) (4)**
- **Strap (1)**
- **USB cable (mini-B) (1)**
- **CD-ROM (2)**
  - Software for FinePix CX
  - Hyper-Utility Software
- **Owner’s Manual (this manual) (1)**
1 Getting Ready

ATTACHING THE STRAP, LENS CAP AND LENS HOOD

1 Getting Ready

Attach the strap to the strap mounts on the camera. Once you have attached both ends of the strap, check carefully to make sure that the strap is firmly secured.

Pull the lens cap cord through the strap.

Attach the lens cap cord to prevent losing the lens cap.

Attach the lens cap to the lens by pressing in on both sides of the cap.

Using the lens cap holder

Make sure that the lens cap does not appear in your shot when taking a picture, attach it to the lens cap holder.
Getting Ready

1. Load the batteries correctly as indicated by the polarity icons.
2. Check that the camera is turned off (set the Power switch to “OFF”) before opening the battery cover.
3. Press on the battery cover to push the batteries down. Slide the cover closed.

Compatible batteries
- AA-size alkaline batteries (4) or AA-size Ni-MH rechargeable batteries (4) (sold separately)
- Use the same brand and grade AA-size alkaline batteries as those supplied with the camera.
- Never use the following types of batteries, as they could cause serious problems such as battery fluid leakage or overheating:
  1. Batteries with split or peeling outer casings
  2. Combinations of different types of batteries or new and used batteries together
- Do not use manganese or Ni-Cd batteries.
- Soil, such as fingerprints on the poles of the batteries can shorten time for which the batteries can be used.
- The time for which AA-size alkaline batteries (referred to hereafter simply as alkaline batteries) can be used varies depending on the brand. Some brands of alkaline batteries may stop providing power more quickly than those supplied with the camera. Note also that due to their nature, the time for which alkaline batteries can be used decreases in cold conditions (0°C to +10°C/32°F to +50°F). The use of AA-size Ni-MH batteries is better for this reason.
- Use Fujifilm Battery charger (sold separately) to charge AA-size Ni-MH batteries.
- See P.137-138 for other notes on using batteries.
- When first purchased or if left unused for a long period, the amount of time which AA-size Ni-MH batteries can be used may be short. See P.138 for more information.

ATTACHING THE STRAP, LENS CAP AND LENS HOOD

Attaching the lens hood
When attaching the lens hood, it is effective for reducing ghost images and flare in backlit scenes. Camera provides crisp, clear shots.

1. Align the indicators on the camera and lens hood, and fit the lens hood to the lens.
2. Turn the lens hood clockwise until it clicks.

Storing lens hood
As in storing lens hood into the soft case, the lens hood can be attached upside down.

LOADING THE BATTERIES

Load the batteries correctly as indicated by the polarity icons.
INSERTING THE MEDIA

Use either xD-Picture Card (sold separately) or CF/Microdrive (sold separately) as recording media in the FinePix S9100 / FinePix S9600.

- If an xD-Picture Card and a CF/Microdrive are inserted at the same time, images will be recorded onto the media selected as the "MEDIA" (➡P.100).
- Data cannot be copied between the two media types on the FinePix S9100 / FinePix S9600.

1. Set the Power switch to “OFF”.
2. Open the slot cover.

If opening the slot cover while the camera is still on, the camera will turn off.

Do not open the slot cover while the camera is on. This could damage the media or ruin the image files on the media.

2. Align the gold marking on the xD-Picture Card slot with the gold contact area on the xD-Picture Card and push the card firmly all the way into the slot.

Insert only the appropriate media types into the xD-Picture Card and CF/Microdrive slots. Inserting the incorrect media will damage the camera or media.

3. Push the CF/Microdrive firmly all the way into the CF/Microdrive slot.

Compatible is listed on Fujifilm website:

Pushing the CF/Microdrive firmly all the way into the CF/Microdrive slot.

Compatibility is listed on Fujifilm website:

3. Close the slot cover.

Checking the battery charge

Turn the camera on and check the battery charge.

1. There is ample battery charge.
2. There is insufficient charge left in the batteries. The batteries will soon run out. Have a new set of batteries ready.
3. The batteries are depleted. The display will shortly go blank and the camera will stop working. Replace or recharge the batteries.

Depending on the camera mode and the type of batteries used, the transition from “C” to “V” may occur more quickly.

Due to the nature of the battery, the battery level warning may appear early when the camera is used in cold locations. This is normal. Try warming the batteries in your pocket or a similar location before use.

Battery level warning
1) The camera’s estimation of the remaining battery charge varies greatly depending on the camera operation mode. Consequently, even if “C” or “V” is not displayed in Playback mode, one of them may appear when you change to Photograhpy mode.
2) Depending on the battery type and the level of charge in the batteries, the camera may run out of power without first displaying a battery level warning. This is particularly likely to happen when batteries that have run out of charge once are re-used. In situation 2), immediately load new or fully charged replacement batteries.

Auto power off function

If the camera is left unused for 2 or 5 minutes, the Auto power off function turns the camera off (➡P.104). To turn the camera back on, set the Power switch to “OFF” briefly and then back to “C” or “V”.

How to replace the xD-Picture Card

Open the slot cover, press the xD-Picture Card eject button and remove the xD-Picture Card.

How to replace the CF/Microdrive

Push the xD-Picture Card into the slot and then slowly remove your finger. The lock is released and the xD-Picture Card is pushed out.

Open the slot cover, press the CF/Microdrive eject button and remove the CF/Microdrive.

When storing CF/Microdrives, always use the special protective case.

DARK MARKING
Gold marking
Gold contact area

◆ How to replace the xD-Picture Card ◆

◆ How to replace the CF/Microdrive ◆
TURNING ON AND OFF / SETTING THE DATE AND TIME

1 To turn the camera on, set the Power switch to “Q” or “W”. To turn the camera off, set the Power switch to “OFF”.

2 When using the camera for the first time after purchasing, the date and time are cleared. Press the “MENU/OK” button to set the date and time.

3 The message also appears when the batteries have been removed and the camera has been left for a long period. To set the date and time later, press the “DISP/BACK” button. If you do not set the date and time, this message will appear each time you turn the camera on.

4 Holding down “A” or “B” changes the numbers continuously. When the time displayed passes “12”, the AM/PM setting changes. At the time of purchase and after leaving the camera for a long period with the batteries removed, settings such as the date and time are cleared. Once the AC power adapter has been connected or the batteries have been installed for 2 hours or more, the camera settings will be retained for roughly 6 hours even if both sources of power are removed.

When using the camera for the first time after purchasing, the date and time are cleared. Press the “MENU/OK” button to set the date and time.

1 Press “Q” or “W” to select Year, Month, Day, Hour or Minute.
2 Press “A” or “B” to correct the setting.

Once you have set the date and time, press the “MENU/OK” button. Pressing the “MENU/OK” button changes the camera to Photography or Playback mode.

CORRECTING THE DATE AND TIME / CHANGING THE DATE FORMAT

1 Press the “MENU/OK” button to display the menu on the screen.

2 Press “A” or “B” to select “Q” SET-UP.
3 Press “Q”.

4 Press “A” to move to menu item.
5 Press “A” or “B” to select “Q” DATE/TIME.
CORRECTING THE DATE AND TIME / CHANGING THE DATE FORMAT

**Correcting the date and time**

1. Press “�示” or “_focus” to select Year, Month, Day, Hour or Minute.
2. Press “向左” or “右转” to correct the setting.
3. Always press the “MENU/OK” button after the settings are completed.

- Holding down “向下” or “上转” changes the numbers continuously.
- When the time displayed passes “12”, the AM/PM setting changes.

**Changing the date format**

1. Press “示” or “focus” to select the date format.
2. Press “向左” or “右转” to set the format. Refer to the table below for details of the settings.
3. Always press the “MENU/OK” button after the settings are completed.

<table>
<thead>
<tr>
<th>Date format</th>
<th>Sample settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>YY.MM.DD</td>
<td>2006.6.24</td>
</tr>
<tr>
<td>DD.MM.YY</td>
<td>24.6.2006</td>
</tr>
</tbody>
</table>

SELECTING THE LANGUAGE

1. Press the “MENU/OK” button to display the menu on the screen.
2. Press “向左” or “右转” to select “arious” SET-UP.
3. Press “focus”.

2. 1 2

3. 1 2 3

4. 1 2 3

- Press “向左” to move to page number.
- Press “向左” or “右转” to select “PAGE 3”.

- Press “focus” to move to menu item.
- Press “向左” or “右转” to select “arious”.
- Press “focus”.

- The screens in this manual are shown in English.
- See P.100 for more information on the “arious” SET-UP menu.

- Press “向左” or “右转” to select the language.
This section describes the camera’s functions.

**Command dial**
In Photography mode, turn the Command dial to select program shift and specify settings such as the shutter speed and aperture.

- **Auto:** Exposure compensation
  - Hold down the “A” button and turn the Command dial to select the setting.
- **Flash:** Release the pop-up flash, hold down the “F” button and turn the Command dial to select the setting.
- **Continuous shooting:** Hold down the “Z” button and turn the Command dial to select the setting.

**Power switch**
ON/OFF and “Z” Playback mode selector switch
Use the Power switch to select the mode.

**Photography mode selector**
Turn the Mode dial to select the Photography mode.

**Diopter adjustment dial**
Makes the image in the viewfinder easier to see. Set the dial to the position where the AF frame appears sharpest.

**AE-L button**
The exposure remains locked while this button is pressed.

**Photometry selector dial**
Selecting light metering method.

**EVF/LCD (monitor selector) button**
Pressing the “EVF/LCD” button toggles between the viewfinder (EVF) and the LCD monitor. Use whichever mode is best suited to your shot.

**Focus check button**
Pressing this button enlarges the central portion of the screen. Use this to focus the image precisely.

**Disp/Back button**
- **Disp:** Press this button to select the screen display.
- **Back:** Press this button to stop a procedure midway through.

**Photo mode F button**
Photography: Select the quality mode, sensitivity and FinePix COLOR settings.
Playback: Specify the print order (DPOF) settings.

**Disp/Back button**
- **Disp:** Press this button to select the screen display.
- **Back:** Press this button to stop a procedure midway through.

**Using the Menus**
1. Displaying the menu.
   - Press the “MENU/OK” button.
2. Selecting a menu option.
   - Press the up or down arrow on the 4-direction button.
3. Selecting an option.
   - Press the right arrow on the 4-direction button.
4. Selecting a setting.
   - Press the up or down arrow on the 4-direction button.
5. Confirming the setting.
   - Press the “MENU/OK” button.

Up, down, left and right are indicated by black triangles in the Owner’s Manual. Up or down is shown as “A” or “B”, and left or right is shown as “C” or “D”.

---

20 21
Using the Camera

1. Set the Power switch to “

2. Set the Mode dial to “

3. Set the Focus mode selector switch to “S-AF”.

- Focal range
  Wide-angle: approx. 40 cm (1.3 ft.) to infinity
  Telephoto: approx. 2 m (6.6 ft.) to infinity

- Use Macro mode for subjects closer than 50 cm (1.6 ft.)

- When [CARD ERROR], [CARD NOT INITIALIZED], [CARD FULL] or [NO CARD] appears, see P.142.

The EVF/LCD selection is retained even when the camera is off or the mode setting is changed.

Press the Flash pop-up button to pop up the flash.

Press the “EVF/LCD” button to alternate the display between the viewfinder (EVF) and the LCD monitor.

When the AF frame in the viewfinder (EVF) is difficult to see, adjust the viewfinder using the Diopter adjustment dial.

The EVF/LCD selection is retained even when the camera is off or the mode setting is changed.

- Flash pop-up button
  To use the flash, press the flash pop-up button to release the flash.

- INFO (information check) button
  Press this button to view image information.
  Photography mode: Displays the current settings (white balance, sharpness, etc.) and histogram.
  Playback mode: Displays the information for the image currently displayed.

- One-touch AF button
  Focus the image once. This can only be used for manual focusing.

- Focus mode selector switch
  Changes among C-AF (Continuous AF), S-AF (Single AF) and MF (Manual focus).

- Macro button
  Use this for close-up shots. Pressing this button changes the modes as follows:
  Macro ➔ Super macro ➔ Macro off (Normal)
  Focal range: Normal
  Wide-angle: approx. 40 cm (1.3 ft.) to infinity
  Telephoto: approx. 2 m (6.6 ft.) to infinity
  Macro
  Wide-angle: approx. 10 cm to 3 m (3.9 in. to 9.8 ft.)
  Telephoto: approx. 90 cm to 3 m (3.0 ft. to 9.8 ft.)
  Super macro
  Approx. 1 cm to 1 m (0.4 in. to 3.3 ft.) (Wide-angle only)

- Zoom ring
  Turn the zoom ring to take pictures with zoom function.

- Focus ring
  The camera focuses on the subject using Manual focus mode.

- Diopter adjustment dial
  Adjust the Diopter adjustment dial.

Instructions for the next step in the procedure appear at the bottom of the screen. Press the button indicated.

In the right side screen, press the “MENU/OK” button to erase the displayed frame. To cancel erasing, press the “DISP/BACK” button.

Displaying the on-screen Help

- Instructions for the next step in the procedure appear at the bottom of the screen. Press the button indicated.
- In the right side screen, press the “MENU/OK” button to erase the displayed frame. To cancel erasing, press the “DISP/BACK” button.
PHOTOGRAPHY MODE  TAKING PICTURES (AUTO MODE)

4
Brace your elbows against your sides and hold the camera with both hands.

Moving the camera while shooting gives a blurred picture (camera shake). Use a tripod to prevent camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash. There may be some uneven brightness at the lower edge of the screen. This is normal and does not affect the photographed image.

5
Hold the camera so that your fingers or the strap do not cover the lens, flash and AF-assist illuminator. If the lens, flash or AF-assist illuminator is obscured by your fingers or the strap, subjects may be out of focus or the brightness (exposure) of your shot may be incorrect.

Check that the lens is clean. If it is dirty, clean the lens as informed on P.137.

Frame the shot so that the subject fills the entire AF (Autofocus) frame.

The image shown on the screen before the picture is taken may differ in brightness, color, etc. from the image actually recorded. Play back the recorded image to check it (P.31).

When the subject is not in the AF frame, use AF/AE lock to take the picture (P.28).

Press the shutter button down halfway. When a short double-beep is heard, the camera focuses on your subject. The AF frame on the screen becomes smaller and the camera sets the shutter speed and aperture. The indicator lamp (green) changes from blinking to lit.

When a short double-beep is not heard and "AF" appears on the screen, the camera cannot focus.

Pressing the shutter button down halfway freezes the image on the screen briefly. This image is not the recorded image.

When "AF" appears on the screen, press again the shutter button down halfway or try standing about 2 m (6.6 ft.) from your subject to take the picture.

The flash fires several times (pre-flashes and the main flash). When pressing the shutter button halfway, a lens operation sound may be heard.

When pressing the shutter button down halfway, "3" appears on the screen before the flash fires. When selecting a slow shutter speed that will cause camera shake, "1 " appears on the screen. Use the flash to take pictures. According to the scene or mode being shot, use a tripod.

Press the shutter button down fully. When a clicking sound is heard, the camera records the image.

There is a slight delay between the shutter button being pressed and the picture being taken. Play back the shot to check the image.

When pressing the shutter button down fully in one motion, the camera takes the picture without the AF frame changing.

When pressing the shutter button fully, the indicator lamp lights orange (shooting disabled) and next picture can be taken after turning off the indicator lamp.

When taking a picture using flash, the image may disappear and go dark briefly due to flash charging. The indicator lamp blinks orange during charging.

See P.143-144 for information on the warning displays.

Use a mechanical cable release with this camera. To prevent camera shake, use a tripod (sold separately) and cable release (sold separately).

Compatible cable releases
ISO 6053: 1979-compliant cable releases

Do not apply force to a cable release attached to the camera. This could damage the camera.

Support for a cable release

Compatible filters
58 mm-diameter commercial available filters can be attached.

Do not use more than one filter at a time.

The lens cap (included) may not be used when attaching the filter.

Subjects not suitable for autofocus
The FinePix S9100 / FinePix S9600 uses a high-precision autofocusing mechanism. However, it may have difficulty focusing on the following:

- Very shiny subjects such as a mirror or car body
- Subjects photographed through glass
- Subjects that do not reflect well, such as hair or fur
- Subjects with no substance, such as smoke or flames
- Dark subjects
- Fast moving subjects
- Subjects with little or no contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background)
- Shots where another high-contrast object (not the subject) is close to the AF frame and is either closer or further away than your subject (such as a shot of someone against a background with strongly contrasting elements)

For such subjects use AF/AE lock (P.28) or "MF" Manual focus mode (P.49).

Using LCD monitor

You can adjust any angle of the LCD monitor. It is useful to shoot the subject that is in a high or low location.
INDICATOR LAMP DISPLAY

<table>
<thead>
<tr>
<th>Display</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lit green</td>
<td>AF/AE lock in progress, Setting video output</td>
</tr>
<tr>
<td>Blinking green</td>
<td>Camera shake warning, AF warning or AE warning (ready to shoot)</td>
</tr>
<tr>
<td>Blinking green and orange alternately</td>
<td>Recording to media (ready to shoot)</td>
</tr>
<tr>
<td>Lit orange</td>
<td>Recording to media (not ready)</td>
</tr>
<tr>
<td>Blinking orange</td>
<td>Charging the flash (flash will not fire)</td>
</tr>
<tr>
<td>Blinking red</td>
<td>Media Warnings: No card inserted, card not formatted, incorrect format, card full and media error, Lens operation error</td>
</tr>
</tbody>
</table>

Detailed warning messages appear on the screen (P.142-144).

AF-ASSIST ILLUMINATOR

Press the shutter button down halfway in dimly lit conditions. The camera fires the AF-assist illuminator (green) to allow easier focusing. Note that the effective range decreases for telephoto shots.

- Even when the AF-assist illuminator fires, the camera may have difficulty focusing in some conditions.
- Even though there is no danger to safety, do not expose it directly in someone’s eyes from a short distance.
- The camera focuses most easily when a picture is taken at a distance of around 3.5 m (11.5 ft.) with wide-angle and 2 m (6.6 ft.) with telephoto.
- When using the AF-assist illuminator in Macro mode, the camera may have difficulty focusing to take close-up shots.
- See P.100 for information on turning the AF-assist illuminator off.

NUMBER OF AVAILABLE FRAMES

The number of available frames appears on the screen.

See P.59 for information on changing the quality setting.
The default quality "N" set at shipment is "N".

Standard number of frames per media

The table below shows the standard number of frames for a new media formatted on the camera. The larger the media capacity, the bigger the difference between the actual number of frames and the number shown here. Also, the size of an image file varies depending on the subject. So the number of remaining shots may decrease by 2 or may remain the same. For this reason, the number displayed may not show the actual number of frames.

<table>
<thead>
<tr>
<th>Quality setting</th>
<th>16 MB</th>
<th>32 MB</th>
<th>64 MB</th>
<th>128 MB</th>
<th>256 MB</th>
<th>512 MB</th>
<th>1 GB</th>
<th>2 GB</th>
<th>Microdrive 340 MB</th>
<th>Microdrive 1 GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of recorded pixels</td>
<td>3488 x 2616</td>
<td>3696 x 2464</td>
<td>2592 x 1944</td>
<td>2048 x 1536</td>
<td>1600 x 1200</td>
<td>640 x 480</td>
<td>~</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of available frames</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>12</td>
<td>19</td>
<td>25</td>
<td>122</td>
<td>0</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>x D-Picture Card</td>
<td>3840 x 2880</td>
<td>2560 x 1920</td>
<td>1920 x 1440</td>
<td>1280 x 960</td>
<td>640 x 480</td>
<td>320 x 240</td>
<td>128 x 96</td>
<td>32 x 24</td>
<td>16 x 12</td>
<td>8 x 6</td>
</tr>
</tbody>
</table>

- See P.59 for information on changing the quality setting.
- The default quality "N" set at shipment is "N".

Standard number of frames per media

The table below shows the standard number of frames for a new media formatted on the camera. The larger the media capacity, the bigger the difference between the actual number of frames and the number shown here. Also, the size of an image file varies depending on the subject. So the number of remaining shots may decrease by 2 or may remain the same. For this reason, the number displayed may not show the actual number of frames.

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<td>32 x 24</td>
<td>16 x 12</td>
<td>8 x 6</td>
</tr>
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</table>

- See P.59 for information on changing the quality setting.
- The default quality "N" set at shipment is "N".

- See P.100 for information on turning the AF-assist illuminator off.
- See P.59 for information on changing the quality setting.
- The default quality "N" set at shipment is "N".

- Number of recorded pixel is 4864 x 3648 when displaying images on PC by using FinePixViewer.
## Using the Camera

### Photography Mode

#### Taking Pictures (Auto Mode)

#### Using AF/AE Lock

1. In this shot, the subjects (two people in this case) are not in the AF frame. Taking the picture at this point will result in the subjects being out of focus.

2. Move the camera slightly so that one of the subjects is in the AF frame.

3. Press the shutter button down halfway (AF/AE lock). When a short double-beep is heard, the camera focuses on your subject. The AF frame on the screen becomes smaller and the camera sets the shutter speed and aperture. The indicator lamp (green) changes from blinking to lit.

4. Continue to hold the shutter button down halfway. Move the camera back to the original image and press the shutter button fully.

- **AF (Autofocus)/AE (Auto-exposure) lock**
  - **On the FinePix S9100 / FinePix S9600**, pressing the shutter button down halfway locks the focus and exposure settings (AF/AE lock). To focus on a subject that is off to one side or to set the exposure before composing the final shot, lock the AF and AE settings. Then take the picture to get the best result.
  - **When the camera cannot focus and AF/AE lock does not give the correct exposure**
    - Position the AF frame over the main subject and apply the AE lock (➡ P.46). Then position the AF frame over another subject at roughly the same distance. Press the shutter button down halfway. Recompose the shot and then take the picture.

#### Using Zoom Function

- **Turn the zoom ring to take pictures with zoom function.**
  - The zoom bar appears on the screen during zooming.
  - **Optical zoom focal length**
    - (35 mm camera equivalent)
    - Approx. 28 mm to 300 mm
    - Max. zoom scale: 10.7×

- **Press “↑” to change to Digital zoom mode (2×).**
  - When using digital zoom, “” appears in the bottom left corner of the screen and the zoom bar turns blue.
  - Use the zoom ring to adjust digital zoom operation as well as optical zoom. Press the “” button to cancel the digital zoom.
SHOOTING ASSISTANT FUNCTION

Select the framing guideline and post shot assist window in Photography mode. Pressing the "DISP/BACK" button changes the screen display.

Best framing

The framing guideline display consists of horizontal and vertical lines that divide the image on the screen into 9 frames.

- Important -
Always use AF/AE lock when composing a shot. The image may be out of focus if AF/AE lock is not used.

Scene

Position the main subject at the intersection of two lines in this frame or align one of the horizontal lines with the horizon. Use this frame as a guide to the subject’s size and the balance of the shot while composing a shot.

Post shot assist window

When using the post shot assist window, the last photographed image appears as a thumbnail in the bottom left corner of the screen (post shot assist window). Up to the last 3 photographed images appear on the post shot assist window. This serves as a guide for taking other shots with similar compositions.

Important
Any of the following clears the image in the post shot assist window:
- Setting the camera to Playback mode
- Turning the camera off
- Using the PictBridge function
- Using the DSC mode etc.

PLAYBACK MODE

VIEWING THE IMAGES (PLAYBACK)

Single-frame playback

1. Set the Power switch to "PLAY".
2. Press " \\
 to scan forward through the images. Press " \\
 to scan backwards.
3. Set the Power switch to "OFF" to play back the last shot.

Selecting images

To select images on the thumbnail lists screen, hold down " \\
 or " \\
 for 1 second during playback.

Multi-frame playback

In Playback mode, press the "DISP/BACK" button to change the display shown on the screen. Press the "DISP/BACK" button until the multi-frame playback screen (9 frames) appears.

1. Press " \\
, " \\
, " \\
 or " \\
 to move the cursor (colored frame) to the selecting frame. Press " \\
 or " \\
 repeatedly to jump to the next page.
2. Press the "MENU/OK" button again to enlarge the image.

Still images viewable on the FinePix S9100 / FinePix S9600

This camera will display still images recorded on the FinePix S9100 / FinePix S9600 or still images (excluding some uncompressed images) recorded on any FUJIFILM digital camera that supports xD-Picture Cards or CF/Microdrives. Clear playback or playback zooming may not be possible for still images shot on cameras other than the FinePix S9100 / FinePix S9600.
**PLAYBACK MODE | VIEWING THE IMAGES (PLAYBACK)**

1. **Sorting by date**
   - In Playback mode, press the “DISP/BACK” button to change the display shown on the screen. Press the “DISP/BACK” button until the sorting by date screen appears.
   - Large number of images may take longer to appear.

2. Changing to Sorting by date mode displays the images taken on the same day as the image selected in Multi-frame playback mode.

3. Press “▲”, “▼”, “◄”, or “►” to move the cursor (colored frame) to the selecting frame.

4. To select the date:
   - ① Press “▲”, “▼”, “◄”, or “►” to move the cursor (colored frame) to “b” on the upper left frame.
   - ② Press “◄” to display the selecting date.

5. Press “▲” or “▼” to move the cursor (colored frame) to select the date. Pressing “▲” or “▼” repeatedly changes to the next page.

6. Press “►” to return to “a”.

7. Press the “MENU/OK” button to enlarge the selected image.
Using the Camera

1. Set the Power switch to “W”.
2. Press the “MENU/OK” button to display the menu on the screen.

Erased frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.

1. Press “A” or “B” to select ‘ERASE’.
2. Press “C”.

Pressing the “MENU/OK” button repeatedly erases consecutive frames (files). Take care not to erase a frame (file) by mistake.

1. Press “A” or “B” to select the erasing frame (file).
2. Press the “MENU/OK” button to erase the displayed frame (file).

When erasing frame (file) is completed, press the “DISP/BACK” button.

PLAYBACK MODE VIEWING THE IMAGES (PLAYBACK)

Playback zoom
Press ‘A’ or ‘W’ during single-frame playback to zoom the image. A zoom bar appears on the screen.

Press the “DISP/BACK” button to cancel playback zoom.
• Playback zoom cannot be used with multi-frame playback.

1. Press “C” or “D” to select to “PANNING”.
2. Press “A”, “B”, “C”, or “D” to display another part of the image.

The current displayed image appears on the navigation screen.

Press the “DISP/BACK” button to return to the zoom setting.

PLAYBACK MODE ERASING IMAGES (ERASE FRAME)

1. Press “A” or “B” to select “FRAME”.
2. Press the “MENU/OK” button.

See P.75 for information on “ALL FRAMES”.

2. Press “A” or “W” to select “MENU/OK”.
3. Press “A” or “B” to select “FRAME”.
4. Press the “MENU/OK” button to display the menu on the screen.

Quality mode Max. zoom scale
- (3488 × 2616 pixels) Approx. 5.5x
- (3696 × 2464 pixels) Approx. 5.8x
- (2592 × 1944 pixels) Approx. 4.1x
- (2048 × 1536 pixels) Approx. 3.2x
- (1600 × 1200 pixels) Approx. 2.5x
Advanced Features

PHOTOGRAPHY FUNCTIONS

FOCUSING (DISTANCE)

The distance from the subject to the camera is referred to as the shooting distance.
When the shooting distance is set correctly and the image appears sharp, the image is focused.

Three focusing methods
The mechanisms for focusing are S-AF (Single AF), C-AF (Continuous AF) and MF (Manual focus).

S-AF: Use S-AF for normal photography. In this mode, the camera focuses each time the shutter button is pressed down halfway. Select the AF mode (P.68) when the Mode dial is set to “P”, “S”, “A” or “M” mode.

The AF sensor
The FinePix S9100 / FinePix S9600 uses an external AF sensor (external-light passive phase difference AF) that features faster AF operation than previous models. The external AF sensor does not function when Macro mode, Super macro mode, the digital zoom, AREA or C-AF focusing is used. It may take longer to focus if the external AF sensor is soiled (P.145).

C-AF: Use C-AF to photograph moving subjects. When this mode is set, the camera focuses continuously on the subject in the center of the screen. See P.48 for details.

MF: The focus is adjusted by turning the focusing ring manually. See P.49 for details.

Causes of focusing errors and the solutions

<table>
<thead>
<tr>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The subject is not in the AF frame.</td>
<td>Use AF lock (AF mode: AF (CENTER)) #1 or MF.</td>
</tr>
<tr>
<td>The subject is not suited to AF.</td>
<td>Use AF lock (AF mode: AF (CENTER)) #1 or MF.</td>
</tr>
<tr>
<td>The subject is outside the shooting range.</td>
<td>Turn Macro mode on or off.</td>
</tr>
<tr>
<td>The subject is moving too quickly.</td>
<td>Use MF (pre-setting the shooting distance for a shot).</td>
</tr>
</tbody>
</table>

*1 Taking pictures using AF lock
Press the shutter button down halfway to focus. Capture the main subject in the center of screen. Recompose the shot and take the picture.

*2 Turning Macro mode ON/OFF

Wide-angle: Approx. 40 cm (1.3 ft.) - infinity
Telephoto: Approx. 2 m (6.6 ft.) - infinity
Macro OFF

Wide-angle: Approx. 10 cm-3 m (3.9 in.-9.8 ft.)
Telephoto: Approx. 90 cm-3 m (3.0 ft.-9.8 ft.)
Approx. 1 cm-1 m (0.4 in.-3.3 ft.) (Wide-angle only)
Macro ON

Super macro ON

Subjects not suitable for autofocus
- Very shiny subjects such as a mirror or car body
- Subjects photographed through glass
- Subjects that do not reflect well, such as hair or fur
- Subjects with no substance, such as smoke or flames
- Dark subjects
- Fast moving subjects

Subjects with little or no contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background)
- Shots where another high-contrast object (not the subject) is close to the AF frame and is either closer or further away than your subject (such as a shot of someone against a background with strongly contrasting elements)

Exposure refers to the light that hits the CCD or the total amount of captured light and determines the brightness of the image.
The exposure is determined by the combination of aperture and shutter speed. In AE (Auto-exposure), the camera determines the correct exposure, allowing for factors such as the brightness of the subject and the sensitivity setting.
The graph at left shows the way the aperture and shutter speed settings can be changed while maintaining the same exposure level.
- When the aperture is decreased by one step, the shutter speed also decreases by one step (the dot moves upper left).
- When the aperture is increased by one step, the shutter speed also increases by one step (the dot moves lower right).
- Combinations that result in the shutter speed or aperture being outside the available range of settings cannot be selected (white dots).
- In the “P”, “S” and “A” Photography modes, it is easy to select different settings along this line.
- Selecting settings that run parallel to this line by adjusting the brightness of the photographed image is referred to as exposure compensation.

When you cannot get the correct exposure

AE lock: Determines and fixes the exposure at a target level. Use the following procedure to take a picture using AE lock:
Press the “AE-L” button (sets and locks the exposure). Press the shutter button down halfway (sets and fixes the focus). Press the shutter button down fully (takes the picture).

Exposure compensation:
This function uses the exposure level set by the AE function as a reference (0) and then brightens (+) or darkens (–) the image. By selecting auto bracketing, you can shoot 3 frames, one underexposed (–), one at the reference exposure (0) and one overexposed (+).

Shutter speed
When shooting a moving subject, you can either “freeze the motion” or “capture the sense of movement” by adjusting the shutter speed.

Fast: Freezes the motion of the subject.
Slow: Photographs the traces left by the subject’s movement.

Aperture
By adjusting the aperture, you can change the depth of focus (depth of field).

Closed: The area in front of and behind the subject is also in focus.
Open: The area in front of and behind the subject is out of focus.
Photography Functions — Selecting the Camera Settings

Specify the camera settings for taking pictures to get the best result. A general guide is given below.

1. Select the Photography mode (P.40-44).
   - AUTO: Specifies all settings other than "Quality", "Sensitivity" and "FinePix COLOR" on the camera.
   - P/S/A: Selects the best Scene position setting for the scene being shot. Changes the aperture or shutter speed setting so that the action is frozen, the flow of the motion is conveyed, or the background is out of focus.
   - M: Adjusts all the camera settings yourself.

2. Specify the photography settings (P.45-47, 50-56).
   - Exposure compensation: Uses the AE exposure as a reference value of 0. This function brightens (+) or darkens (-) the shot.
   - AE-L AE lock: Fixes the exposure settings.
   - Photometry: Used for shots where the brightness of the subject and background differ markedly and the light is not metered as desired.
   - Macro/Super macro: Used for close-up shots.
   - Flash: Used for shots in dark locations or for backlit subjects, etc.
   - Continuous shooting: Used to take a series of continuous shots or to use auto bracketing (with exposure compensation).

3. Take the pictures (check the exposure and focus ⇒ adjust the shot composition ⇒ press the shutter button down fully).

You can use the menus for more detailed settings (P.59-73).

The table below provides a number of sample settings. Use the settings effectively.

<table>
<thead>
<tr>
<th>To achieve this result</th>
<th>Sample settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>To express the motion of the subject</td>
<td>Set the Mode dial to &quot;S&quot; and select a slow shutter speed. Use a tripod to prevent camera shake.</td>
</tr>
<tr>
<td>To freeze the subject’s movement</td>
<td>Set the Mode dial to &quot;S&quot; and select a fast shutter speed.</td>
</tr>
<tr>
<td>To make the subject stand out by having the area in front of and behind the subject out of focus</td>
<td>Set the Mode dial to &quot;A&quot; and select a wide aperture setting.</td>
</tr>
<tr>
<td>To get a very large depth of focus</td>
<td>Set the Mode dial to &quot;A&quot; and select a narrow aperture setting. Use a tripod to prevent camera shake because shutter speed decreases.</td>
</tr>
<tr>
<td>To prevent the image from having a red or blue cast due to the light source</td>
<td>Change the &quot;White balance&quot; setting in the photography menu.</td>
</tr>
<tr>
<td>To avoid missing snapshot opportunities</td>
<td>Take pictures in AUTO mode (see &quot;Using the Camera&quot;).</td>
</tr>
<tr>
<td>To prevent the subject from being overexposed or underexposed and to show the substance and textures of the subject clearly</td>
<td>Use exposure compensation. Select (+) if the background is pale and (-) if the background is dark.</td>
</tr>
</tbody>
</table>

Advanced Features

List of functions available in each mode

List of menu options available in each mode

When the image is too bright
- Lower the Sensitivity setting.
- Use an ND filter (sold separately).

When the image is too dark
- Raise the Sensitivity setting.
- Use flash or the brightness adjustment function.
**Advanced Features**

**SELECTING PHOTOGRAPHY MODE**

**AUTO**

Set the Mode dial to "AUTO". This is the easiest mode to use and can be used for most types of shots.

See P.39 for information on available flashes.

**SCENE POSITION**

Set the Mode dial to "", "", "", or "". This mode provides the best Scene position setting for the scene being shot.

"", "", and "" cannot be selected Macro mode.

<table>
<thead>
<tr>
<th>Scene position settings</th>
<th>Explanation</th>
<th>Available flash modes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Picture Stabilization</td>
<td>Using this mode selects a fast shutter speed that reduces camera shake and moving-subject blurring.</td>
<td>$\frac{1}{60}$ / $\frac{1}{120}$ / $\frac{1}{250}$ / $\frac{1}{500}$ / $\frac{1}{1000}$</td>
</tr>
<tr>
<td>Natural light</td>
<td>This mode produces beautiful images that retain the natural ambience when shots are taken in low-light conditions. This mode is also ideal for shooting indoor or situations where the flash cannot be used. Sample uses: - Portraits of sleeping children, pets and birthday cakes - Candlelit services (weddings, etc.) and school concerts - Restaurants, aquariums, museums and churches</td>
<td>Flash not available. When the flash is popped up, &quot;&quot; appears.</td>
</tr>
<tr>
<td>Portrait</td>
<td>Used for photography getting beautiful skin tones and soft overall tone.</td>
<td>$\frac{1}{60}$ / $\frac{1}{120}$ / $\frac{1}{250}$ / $\frac{1}{500}$ / $\frac{1}{1000}$</td>
</tr>
<tr>
<td>Landscape</td>
<td>Used for shooting scenery in daylight and provides crisp, clear shots of scenery such as buildings and mountains.</td>
<td>Flash not available. When the flash is popped up, &quot;&quot; appears.</td>
</tr>
<tr>
<td>Night</td>
<td>Used for shooting evening and night scenes. This mode allows you to take shots where priority is given to slow shutter speeds of up to 4 seconds. To prevent camera shake, always use a tripod.</td>
<td>$\frac{1}{60}$ / $\frac{1}{120}$ / $\frac{1}{250}$ / $\frac{1}{500}$ / $\frac{1}{1000}$</td>
</tr>
</tbody>
</table>

**PROGRAMMED AUTO**

Set the Mode dial to “P”. This is an automatic mode to specify the settings except for the shutter speed and aperture setting. This is a simple way to take pictures the same as the Shutter-priority Auto and Aperture-priority Auto modes (Program shift).

**Program shift**

Turn the Command dial to select different shutter speed and aperture setting combinations without changing the exposure setting. The shutter speed and aperture setting appear in yellow when the camera is in Program shift mode.

Any of following cancels Program shift:
- Changing the Mode dial setting
- Popping the flash up
- Setting "EXTERNAL FLASH" to "ON" in the Photography menu
- Setting the camera to Playback mode
- Turning the camera off

**Changing the Photography mode**

When turning the Mode dial, the Mode dial appears on the screen to check the selected mode. You can operate watching the screen. It is useful such as when taking pictures using viewfinder (EVF).

When the brightness of the subject is outside the camera’s brightness metering range, "---" appears as the shutter speed and aperture setting on the screen.

---

In Picture Stabilization or Natural light mode, when you have been used for long periods in places subject to extreme temperature rises, it will lower your image quality and streaking may also be visible in your images. If this occurs, turn the camera off several times to prevent heating the camera. Setting High-speed shooting mode to “OFF” is effective.
**Photography Functions**

### Shuttle-Priority Auto

Set the Mode dial to “S”.

This is an automatic mode to set the shutter speed. Use this mode to freeze a moving subject (fast shutter speed) or convey the impression of movement (slow shutter speed).

**Setting the Shutter Speed**

Turn the Command dial to select the shutter speed.

- **Shutter Speed Setting**
  - **Wide-angle**:
    - 4 sec. to 1/4000 sec. in 1/3 EV increments
  - **Telephoto**:
    - 4 sec. to 1/2000 sec. in 1/3 EV increments

**The Shutter Speed and Aperture Setting Display**

- **Overexposed**
  - Shutter speed: 250 F8

- **Underexposed**
  - Shutter speed: 2000 F2.8

- **Metering Failed**
  - Shutter speed: 250 F--

In scenes that are extremely overexposed, the aperture setting (F8) appears in red. When this occurs, select a faster shutter speed (up to 1/4000 sec.).

In scenes that are extremely underexposed, the aperture setting (F2.8) appears in red. When this occurs, select a slower shutter speed (down to 4 sec.).

When the brightness of the subject is outside the camera’s brightness metering range, “F--” appears as the aperture setting. When this occurs, press the shutter button down halfway to measure the light level again and display a value.

### Aperture-Priority Auto

Set the Mode dial to “A”.

This is an automatic mode to set the aperture. Use this mode to have the area in front of and behind the subject out of focus (large aperture) or have both near and far subjects in focus (small aperture).

**Setting the Aperture**

Turn the Command dial to select the aperture.

- **Aperture Settings**
  - **Wide-angle**: F2.8 to F8 in 1/3 EV increments
  - **Telephoto**: F4.9 to F8 in 1/3 EV increments

**The Shutter Speed and Aperture Setting Display**

- **Overexposed**
  - Aperture: 4000 F2.8

- **Underexposed**
  - Aperture: 4 F8

- **Metering Failed**
  - Aperture: ---- F2.8

In scenes that are extremely overexposed, the shutter speed setting (1/2000 sec. or 1/4000 sec.) appears in red. When this occurs, select a larger number of aperture (up to F8).

In scenes that are extremely underexposed, the shutter speed setting (4 sec.) appears in red. When this occurs, select a smaller number of aperture.

When Forced flash mode is selected, the slowest available shutter speed is 1/45 sec.

When the brightness of the subject is outside the camera’s brightness metering range, “----” appears as the shutter speed setting. When this occurs, press the shutter button down halfway to measure the light level again and display a value.
**PHOTOGRAPHY FUNCTIONS**

**MANUAL**

Set the Mode dial to “M”. Use Manual mode to set any shutter speed and aperture setting.

### Setting the shutter speed

Turn the Command dial to select the shutter speed.

- **Shutter speed setting**
  - 30 sec. to 1/4000 sec. in 1/3 EV increments
  - See P. 151 for information on EVs.
  - Use a tripod or cable release to prevent camera shake.
  - If the shutter speed is set to a speed faster than 1/4000 sec., smearing (white stripes) may appear in the image (➡ P. 151).
  - If the shutter speed is set to a speed faster than 1/1000 sec., the image may appear dark even if the flash is used.

#### Bulb photography

Setting shutter speed to “B” (Bulb) allows bulb shots to be taken. In bulb photography, the shutter stays open for as long as the shutter button is held down (up to 30 seconds). Use a tripod or a cable release to keep the camera steady.

### Setting the aperture

1. Hold down the “D” button.
2. Turn the Command dial to select aperture.

#### Aperture settings

- **Wide-angle:** F2.8 to F11 in 1/3 EV increments
- **Telephoto:** F4.9 to F11 in 1/3 EV increments

#### The exposure indicator

Use the exposure indicator on the screen as a guide when setting the exposure. When the brightness of the subject is outside the camera’s brightness metering range, the exposure indicator disappears on the screen.

### Exposure compensation

Use this function for shots to get the correct brightness (exposure), such as shots with extremely high contrast between the subject and the background.

1. Set the Power switch to “Q”.
2. Set the Mode dial to “P”, “S” or “A” mode.
3. Hold down “D” button.
4. Turn the Command dial to set the compensation value.

#### Compensation range

- –2 EV to +2 EV (13 steps in 1/3 EV increments)

- Exposure compensation cannot be used in the “B”, “√”, “À”, “U”, “,”, “>” and “r” modes.

- The screen brightness will increase or decrease depending on the exposure compensation setting.

- The following disables exposure compensation:
  - Shooting dark scenes in “d” Forced flash or “b” Red-eye reduction mode.

- This setting is retained when the mode is changed or the camera is turned off (“D” icon appears). Set the exposure compensation to “0” unless compensation is required.

#### To obtain the optimum brightness

Adjust the exposure compensation according to the level of brightness or darkness in the image.

- When the subject appears too bright
  - Try a negative (–) compensation setting.
  - This will make the overall image darker.

- When the subject appears too dark
  - Try a positive (+) compensation setting.
  - This will make the overall image brighter.

#### Guide to compensation

- Backlit portraits: –2 steps to +4 steps (+ 1/3 EV to +1 1/3 EV)
- Very bright scenes (such as snowfields) and highly reflective subjects: +3 steps (+1 EV)
- Shots made up predominantly of sky: +3 steps (+1 EV)
- Spotlit subjects, particularly against dark backgrounds: –2 steps (– 1/3 EV)
- Scenes with low reflectivity, such as shots of pine trees or dark foliage: –2 steps (– 1/3 EV)
Use this function to take pictures with the exposure locked for a particular subject.

1. Set the Power switch to “q”.


3. Position the subject in the center of the screen and press the “AE-L” button. “#” appears on the screen and the exposure is locked while you hold down the “AE-L” button.

4. With the “AE-L” button held down, press the shutter button down halfway to focus the shot and then compose the shot again.

- Once you press the shutter button down halfway, the exposure remains locked even if you release the “AE-L” button.
- When the AE lock is applied, pressing the shutter button down halfway only sets the focus.

Adjusting Light Metering (Photometry)

1. Set the Power switch to “q”.

2. Set the Mode dial to Photography mode.

3. Turn the Photometry selector dial to select the light metering method.
   - [Multi (Pattern)]: Light metering where the camera assesses the scene and selects the correct exposure.
   - [Spot]: Light metering where the exposure is optimized for the center of the image.
   - [Average]: Light metering where an average value for the entire image is used.

◆ To use the photometry modes effectively ◆

- **Multi**: In this mode, the camera uses automatic scene recognition to analyze the subject and provide optimum exposure in a wide range of shooting conditions.
- **Spot**: This mode is useful for subjects with strongly contrasting light and dark areas where you want to achieve the correct exposure for a particular feature.
- **Average**: The advantage of this mode is that the exposure tends not to change for different compositions or subjects. This mode is particularly effective for shots of people wearing black or white clothing and shots of scenery.
Use this button to take pictures of a moving subject. Using Continuous AF mode reduces the time required for focusing.

1. Set the Focus mode selector switch to “C-AF”.

2. Frame the shot so that the subject fills the entire AF frame. The camera continues to focus on the main subject in the AF frame.

3. Press the shutter button down halfway. When a short double-beep is heard, the camera focuses on your subject. The AF frame on the screen becomes smaller and the camera sets the shutter speed and aperture. The indicator lamp (green) changes from blinking to lit.

4. Press the shutter button down fully. When a clicking sound is heard, the camera records the image.

---

**Notes on continuous AF**

Because the camera focuses continuously without pressing the shutter button, note the following:

- Watch the battery level carefully since the camera consumes more power in this mode than in other Focus modes (S-AF and MF).
- If the Auto power off function is set to “OFF”, particular attention must be given to the battery level.
Flash photography is useful for taking pictures at night or indoor dark locations. Choose from 5 flash modes according to the type of shot.

1. Set the Power switch to "Ⅷ".
2. Set the Mode dial to "Ⅷ", "√", "√", "√", "√", "√", "√", or "√" mode.
3. Press the Flash pop-up button to pop-up the flash.

**Effective flash range (Ⅷ): AUTO**
- **Wide-angle:** approx. 30 cm to 5.6 m (1.0 ft. to 18.4 ft.)
- **Telephoto:** approx. 90 cm to 3 m (3.0 ft. to 9.8 ft.)

- If the shutter speed is set to a speed faster than 1/1000 sec., the image may appear dark even if the flash is used.

- Press the Flash pop-up button to pop-up the flash.

- **Effective flash range (Ⅷ): AUTO**
  - **Wide-angle:** approx. 30 cm to 5.6 m (1.0 ft. to 18.4 ft.)
  - **Telephoto:** approx. 90 cm to 3 m (3.0 ft. to 9.8 ft.)

- When the flash pops up, the image may disappear and go dark briefly due to flash charging. The indicator lamp blinks orange during charging.

1. Hold down the "Ⅷ" button.
2. Turn the Command dial to select the flash mode setting.

- **See P.72 for information on using an external flash.**

- The available flash modes are limited depending on the Photography mode selected (→ P.39).

- If the shutter speed is set to a speed faster than 1/1000 sec., the image may appear dark even if the flash is used.

- When taking a picture using flash, the image may disappear and go dark briefly due to flash charging. The indicator lamp blinks orange during charging.

- Use the lens at the wide-angle zoom setting in Super macro mode. If your camera select any other settings, "Ⅷ" appears on the screen. Turn the zoom ring to adjust zoom setting as indicated "Ⅷ".
### Flash Photography

#### Auto flash
Use this mode for ordinary photography. The flash fires as required by the shooting conditions.

- If pressing the shutter button while the flash is charging, the picture will be taken without the flash.

#### Red-eye reduction
Use this mode to guarantee that the subject’s eyes appear normal when taking pictures of people in low-light conditions. The flash fires a pre-flash just before the picture is taken and then fires again to take the actual picture. The flash fires as required by the shooting conditions.

- If pressing the shutter button while the flash is charging, the picture will be taken without the flash.

#### Forced flash
Use this mode in backlit scenes, such as a subject against a window or in the shade of a tree, or to get the correct colors when taking a picture under bright lighting. In this mode, the flash fires in bright as well as dark conditions.

#### Slow synchro
This is a flash mode that uses a slow shutter speed. This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop. To prevent camera shake, always use a tripod.

- Slowest shutter speed
  - "Night": up to 4 sec.

#### Red-eye reduction + Slow synchro
Use this mode for Slow synchro shots with Red-eye reduction.

- The image may be overexposed when shooting bright scenes.

To take a picture of a main subject at night with the background brightly lit, use the "Night" setting in Photography mode (P.40).
CONTINUOUS SHOOTING

1. Set the Power switch to “

2. Hold down the “
3. Turn the Command dial to select the Continuous shooting mode.
4. Release the “

When setting the Continuous shooting mode (except for “OFF”), the selected mode appears on the screen.
- : Top 4-frame continuous shooting
- : Auto bracketing
- : Final 4-frame continuous shooting
- : Long-period continuous shooting

Notes on using the Continuous shooting modes
- Shooting continues as long as holding the shutter button down. In auto bracketing mode however, just press the shutter button once to shoot 3 frames.
- Number of available frames is limited depending on the available space on the media. When auto bracketing, if there is insufficient space on the media to record 3 frames, no pictures are taken.
- The focus is determined in the first frame and cannot be changed in mid-sequence (excluding Long-period continuous shooting).
- The exposure is determined in the first frame, however, in Long-period continuous shooting the exposure is adjusted for the scene being shot.
- The speed of continuous shooting varies depending on the shutter speed.
- The speed of continuous shooting does not change with the quality setting.
- The flash cannot be used as the flash mode is set to “
- For top 4-frame continuous shooting, final 4-frame continuous shooting and pictures taken using auto bracketing, the results are always displayed after you shoot.

Top 4-frame continuous shooting
Available Photography modes: AUTO, , P, S, A, M
This mode allows you to release the shutter up to 4 times (max. 1.5 frames/sec.) and record the last 4 frames. If you take your finger off the shutter button before 40 shots have been taken, the camera records the final 4 frames shot before you released the shutter button.
If there is insufficient space on the media, the camera records as many of the shots taken just before the shutter button was released as will fit on the media.

Auto bracketing
Available Photography modes: P, S, A, M
This mode shoots the same image with different exposure settings. Bracketing shoots 3 continuous frames, each with a different exposure setting. If the underexposed or overexposed frame is outside the camera’s control range, the picture is not taken with the specified setting increments.
Auto bracketing cannot be used in “

Final 4-frame continuous shooting
Available Photography modes: AUTO, , P, S, A, M
This mode allows you to release the shutter up to 40 times (max. 1.5 frames/sec.) and record the last 4 frames. If you take your finger off the shutter button before 40 shots have been taken, the camera records the final 4 frames shot before you released the shutter button.
If there is insufficient space on the media, the camera records as many of the shots taken just before the shutter button was released as will fit on the media.

Notes on using the Continuous shooting modes
- Shooting continues as long as holding the shutter button down. In auto bracketing mode however, just press the shutter button once to shoot 3 frames.
- Number of available frames is limited depending on the available space on the media. When auto bracketing, if there is insufficient space on the media to record 3 frames, no pictures are taken.
- The focus is determined in the first frame and cannot be changed in mid-sequence (excluding Long-period continuous shooting).
- The exposure is determined in the first frame, however, in Long-period continuous shooting the exposure is adjusted for the scene being shot.
- The speed of continuous shooting varies depending on the shutter speed.
- The speed of continuous shooting does not change with the quality setting.
- The flash cannot be used as the flash mode is set to “
- For top 4-frame continuous shooting, final 4-frame continuous shooting and pictures taken using auto bracketing, the results are always displayed after you shoot.
Continuous shooting

Long-period continuous shooting

Available Photography modes: AUTO, \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \)

This mode allows you to take up to 40 continuous shots (max. 1.1 frames/sec.).

- Long-period continuous shooting cannot be used in the “P”, “\( \text{\OE} \)”, “A”, “M” and “\( \text{\OE} \)” modes.
- Only 1 frame can be shot when using the Long-period continuous shooting mode and Self-timer mode together.
- Continuous shooting mode and assist window (P.30) can be used together.

Focus on a moving subject

If you press the shutter button down halfway to focus on the subject at the starting point A, the subject may no longer be in focus when it reaches point B where you want to take the shot.

In such situations, focus on point B beforehand and then lock the focus so that it does not shift.

This feature is also useful for photographing fast-moving subjects that are difficult to focus on.

- Focus on A and the focus is wrong at B.
- Focus on B and lock the focus.

Starting point

Point where you want to take the picture

FAR

NEAR

Continuous shooting and flash

When a Continuous shooting mode is selected, the flash mode is forcibly set to “\( \text{\OE} \)” Suppressed flash. However, when the mode is changed back to normal photography, the flash setting specified before continuous shooting was selected is restored.

INCREASING MONITOR BRIGHTNESS

Available Photography modes: AUTO, \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \), \( \text{\OE} \)

This is useful when checking the shot composition for outdoor scenes.

1. Set the Power switch to “\( \text{\OE} \)”.

2. Set the Mode dial to Photography mode.

3. Hold down the “DISP” button.

   a. Press the “DISP/BACK” button.

      “\( \text{\OE} \)” appears on the screen and the subject is displayed brightly.

      To cancel increased brightness:

         a. Hold down the “DISP” button.

         b. Press the “DISP/BACK” button again.

      This function is automatically canceled after each shot.

      When this function is active, it will increase the amount of speckling in images on the screen. This is normal and does not affect the photographed image.

      Even if you increase the brightness in low-light conditions, you cannot check the subject.

      The color tones may vary depending on the subjects.
PHOTOGRAPHY INFORMATION

This function displays the histogram for an image and allows the brightness distribution during shooting to be checked. This function can also be used to check the current photography settings.

1. Set the Power switch to "A".
2. Set the Mode dial to Photography mode.

Press the “INFO” button to display the histogram.
Press the “INFO” button again to display the current settings.

Histogram (Quick display)

Saturation
Contrast
White balance
Sharpness
Flash brightness
adjustment

The histogram that appears on the screen during shooting is a quick display. The shape of the graph may differ from that shown during playback. Play back the image to check the histogram after shooting (P.74).

A quick display of the brightness distribution is shown when taking a picture. The exposure cannot be checked.

The histogram that appears on the screen during shooting is a quick display. The shape of the graph may differ from that shown during playback. Play back the image to check the histogram after shooting (P.74).

Information for the photography settings does not appear in "", "", "", "", and "” mode.

QUALITY MODE (NUMBER OF RECORDED PIXELS)

1. Set the Power switch to "A".
2. Set the Mode dial to Photography mode.
3. Press the “F” button to display the menu on the screen.

1. Press “A” or “V” to select "" QUALITY.
2. Press “.”

1. Press “A” or “V” to change the setting.
2. Press the “MENU/OK” button to confirm the setting.

The numbers to the right of setting show the number of available frames.

When changing the quality setting, the number of available frames also changes (P.27).
Quality settings in Photography mode

Choose from 7 settings. Using the table below as a guide, select the setting that best suits your aims.

<table>
<thead>
<tr>
<th>Quality mode</th>
<th>Sample uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>F (3488 x 2616)</td>
<td>Printing at up to 10R (25.4 x 30.5 cm) / A3 size</td>
</tr>
<tr>
<td>N (3488 x 2616)</td>
<td>For better quality, select “F”</td>
</tr>
<tr>
<td>6906 x 4599</td>
<td>Printing at up to 16R (15.2 x 20.3 cm) / A5 size</td>
</tr>
<tr>
<td>2256 x 1536</td>
<td>Printing at up to 6R (10.2 x 15.2 cm) / A6 size</td>
</tr>
<tr>
<td>640 x 480</td>
<td>To use for e-mail or web site</td>
</tr>
</tbody>
</table>

Area shot and quality setting

Normal shooting provides an aspect ratio of 4:3 and “22" shooting provides an aspect ratio of 3:2 (same aspect ratio as 35 mm film and post card).

1. Set the Power switch to “a”.
2. Set the Mode dial to “B”, “U”, “T”, “P”, “S”, “A” or “M”.
3. Press the “F” button to display the menu on the screen.

When selecting “b” Picture Stabilization or “c” Natural light, only “AUTO” can be selected in the “F” (sensitivity) setting.

In “b” Movie mode, do not set the “F” (sensitivity) setting.

Sensitivity is retained even when the camera is off or the mode setting is changed.

1. Press “A” or “V” to select “22” (sensitivity).
2. Press “F”.

Press “A” or “V” to change the setting.
3. Press the “MENU/OK” button to confirm the setting.

Settings
AUTO /80/100/200/400/800/1600

Although higher sensitivity settings will allow you to take pictures in darker locations, they will also increase the amount of speckling in your images. Streaking may also be visible in shots of scenes such as the night sky. Choose the sensitivity setting that best suits the conditions.

When selecting “P”, “S”, “A” or “M”, AUTO cannot be selected in the “F” (sensitivity) setting.

When selecting “AUTO” as the sensitivity setting, the camera selects the best sensitivity setting for the subject’s brightness.

When the sensitivity is set to “80”, “100”, “200”, “400”, “800” or “1600”, the selected sensitivity setting appears on the screen.
**FinePix COLOR**

1. Set the Power switch to "Q".
2. Set the Mode dial to Photography mode.
3. Press the "F" button to display the menu on the screen.

In "Movie" mode, do not set the "F" FinePix COLOR setting.

The FinePix COLOR setting is retained even when the camera is off or the mode setting is changed.

1. Press "▲" or "▼" to select "F" FinePix COLOR.
2. Press "▲":

1. Press "▲" or "▼" to change the setting.
2. Press the "MENU/OK" button to confirm the setting.

- **F-STANDARD**: The contrast and color saturation are set to standard. Use this mode for normal photography.
- **F-CHROME**: The contrast and color saturation are set to high. This feature is effective for taking more vivid shots of subjects such as scenery (blue sky and greenery) and flowers.
- **F-B&W**: This setting converts the colors in the photographed image to black and white.

When setting F-CHROME or F-B&W, the icon appears on the screen.

F-CHROME: ☉
F-B&W: ☥

When the setting is enabled, an icon appears in the top-left corner of the screen.

The settings available in the menu screen vary depending on the Photography mode.
The self-timer is used in situations where the photographer is included in the shot. When selecting the self-timer setting, the self-timer icon appears on the screen.

- The picture is taken after 10 seconds.
- The picture is taken after 2 seconds.

Any of the following cancels the self-timer setting:
- Completing the shooting
- Changing the Mode dial setting
- Setting the camera to Playback mode
- Turning the camera off

Using the 2-second self-timer

This is useful when you have the camera on a tripod and you want to prevent camera shake.

Position the AF frame over the subject.
Press the shutter button down halfway to focus on the subject.
Without releasing the shutter button, press the button all the way down (fully pressed) to start the self-timer.
WHITE BALANCE (SELECTING THE LIGHT SOURCE)

Available Photography modes: P, S, A, M

Change the white balance setting to suit for the surroundings and lighting.
In "AUTO" mode, the correct white balance may not be achieved for subjects such as close-ups of people’s faces and pictures taken under a special light source. Select the correct white balance for the light source. See P.151 for more information on the white balance.

AUTO: Automatic adjustment
(stroshing to show the ambience of the light source)
- Custom white balance type 1
- Custom white balance type 2
- Shooting outdoors in good weather
- Shooting in shade

When the flash fires, the white balance setting (excluding custom white balance) for the flash is used. Consequently, the color tones may vary depending on the shooting conditions (light source, etc.).

The white balance setting does not affect the image shown on the screen.

To use the white balance set previously, press the “MENU/OK” button without pressing the shutter button.

CUSTOM WB

Beep

You can change the white balance for a photographed image by using colored paper instead of white paper.

Example

When the correct exposure is measured, "COMPLETED!" appears.
Press the “MENU/OK” button to confirm the setting.

The specified custom white balance is retained until it is reset. This setting is retained even if the batteries are removed.
Adjust the custom white balance again when changing the sensitivity setting.
After taking the picture, check the color (white balance) setting for the image.
- Set "IMAGE DISP." to "1.5 SEC", "3 SEC" or "CONT" in the "SET-UP" menu (P.101).
- Set the Power switch to "B" (P.31).

When [OVER] or [UNDER] appears, the white balance was not measured at the correct exposure. Set the exposure compensation again, using a negative value (–) when [OVER] appears and a positive value (+) when [UNDER] appears.

HIGH-SPEED SHOOTING

Available Photography modes: AUTO, P, S, A, C, M

High-speed shooting mode reduces the time required for focusing when pressing the shutter button down halfway.

- Focal range
  Wide-angle: approx. 2 m (6.6 ft.) to infinity
  Telephoto: approx. 4 m (13.1 ft.) to infinity

When this function is active, higher sensitivity settings will increase the amount of speckling in your images. This is normal and does not affect the photographed image.

When taking pictures while the HIGH-SPEED SHOOTING mode is set to ‘ON’, the batteries will run down more quickly.
**AF MODE**

Available Photography modes: P, S, A, M

- **CENTER**
  - The camera focuses on the center of the screen. Use this setting when taking pictures using AF/AE lock (P.28).

- **MULTI**
  - Press the shutter button down halfway. The camera recognizes any strongly contrasting subject near the center of the screen and displays the AF frame over the subject in focus.

- **AREA**
  - The AF mode can only be selected when the focus mode is S-AF (P.23).

- **CENTER**
  - For a high-contrast subject in the center of the screen
    - Press the shutter button down halfway. The AF frame appears positioned on the high-contrast subject near the center of the image.
  - When there is no high-contrast subject in the center of the screen
    - When the camera has difficulty focusing on the subject in “MULTI” mode, set the AF mode to “CENTER” and use AF/AE Lock (P.28).

**FLASH BRIGHTNESS ADJUSTMENT**

Available Photography modes: P, S, A, M

Use this setting to change the amount of light emitted by the flash to suit the photography conditions or to achieve a desired effect.

- **Compensation range:**
  - –2/3 EV to +2/3 EV in approx. 1/3 EV increments (total: 5 levels selectable)
  - See P.151 for information on EVs.

**SHARPNESS**

Available Photography modes: P, S, A, M

Use this setting to soften or emphasize outlines or to adjust the quality of the image.

- **HARD:** Emphasizes the outlines. Best for shots of subjects such as buildings or text where sharp images are desirable.
- **STANDARD:** Best for ordinary photography. Provides edge sharpness that is ideal for most picture taking situations.
- **SOFT:** Softens the outlines. Best for shots of subjects such as people, where a softer image is desirable.
PHOTOGRAPHY MENU

Displaying the menus (P.63)

SATURATION
Available Photography modes: P, S, A, M
Use this setting to adjust the quality of the image, including making the colors more vivid or toning the colors down.

HIGH: Obtains deep and vivid color. This setting is effective for taking more vivid shots of subjects such as scenery (blue sky and greenery etc.).

STANDARD: The camera determines the correct saturation.

LOW: Obtains soft color. This setting produces beautiful images that retain the natural ambience in low-light conditions.

CONTRAST
Available Photography modes: P, S, A, M
Use this setting to raise or lower the contrast.

HARD: Emphasizes the contrast. This setting provides crisp, clear images.

STANDARD: The camera determines the correct contrast.

SOFT: Lowers the contrast. Bright areas are less likely to be washed out and dark areas are less likely to turn completely black.

BRACKETING
Available Photography modes: P, S, A, M
Use this setting to photograph the same image with different exposure settings. Bracketing shoots 3 continuous frames, one of which is correctly exposed while the remaining two are underexposed and overexposed respectively by a set amount.

Bracketing settings (3)
±1/3 EV, ±2/3 EV, ±1 EV
See P.151 for more information on EVs.

Auto bracketing
After setting the exposure for bracketing:
1. Hold down the “Q” button.
2. Turn the Command dial to select “H”.

MULTIPLE EXPOSURE
Available Photography modes: P, S, A, M
Multiple exposure provides a way of overlaying images on top of each other to give a final image that cannot be got through normal photography.

Continuous shooting and auto bracketing are disabled when MULTI-EXPOSURE is selected.

You cannot change the photography menu settings and the quality setting during shooting.

There is no limit on the number of multiple exposures.

A preview screen appears when taking a picture.

1. To overlay more images
   Press “Q”.
2. To record the image
   Press the “MENU/OK” button.
3. To return to the previous image
   Press “Q”.
4. To stop without recording any images
   Press the “DISP/BACK” button.

A preview image is always shown, regardless of the IMAGE DISPLAY setting (P.101).

Changing the Photography mode exits multiple exposure mode without recording the images.

From the 2nd shot onwards, the yellow “H” icon appears on the screen.
Advanced Features

3

External flash settings (for flashes with automatic flash control)

For external flash, refer to the user's manual for the flash and specify the settings as described below.

- Select external flash mode (TTL mode cannot be used).
- Match the settings to the camera aperture setting. Set the flash for the aperture setting measured by the camera.
- Set the sensitivity setting (P.61) to the setting on the camera.

When the white balance is incorrect

Adjust the white balance to match the external flash. In "WHITE BALANCE" in the photography menu (P.66), select "O, P" custom white balance. Press the "MENU/OK" button.

Hold a sheet of white paper so that it fills the entire screen. When pressing the shutter button, the flash fires and the white balance is set.

After taking the picture, check the color (white balance) setting for the image.
- Set "IMAGE DISP." to "1.5 SEC", "3 SEC" or "CONT" in the SET-UP menu (P.101).
- Set the Power switch to "W" (P.31).

When [OVER] or [UNDER] appears, the white balance was not measured at the correct exposure. Set the exposure compensation again, using a negative value (–) when [OVER] appears and a positive value (+) when [UNDER] appears.

Ordinary external flash units can be used. However, some camera-specific flash units cannot be used.

◆ Using a Synchronizing terminal

Attach the synchronization cord from the external flash to the Synchronizing terminal on the camera by pushing the cord into the terminal securely.

The mode can be set to "P", "S", "A" (P.41, 42, 43) or "M" (P.44), but the use of "A" or "M" is better.

Flash photography cannot be used when Top 4-frame continuous shooting (P.54) or auto bracketing (P.54) is selected.

1. Close the built-in flash.
2. Mount the external flash on the camera’s hot shoe and tighten the locking screw.

If you pop up the built-in flash when the external flash is set to "ON", the built-in flash fires once as a signal for the external flash to fire. The hot shoe and the Synchronizing terminal do not make a signal for flash.

Compatible Flash Units

Flash units that can be used with this camera must meet the following 3 conditions:
- The aperture can be set.
- External flash synchronization can be used.
- The sensitivity can be set.

Using an External Flash

Select “ON” in this setting when using an external flash unit. Synchronized shutter speeds up to 1/1000 sec. can be used.

- The image may appear dark when the shutter speed is set to speeds higher than 1/1000 sec.
- Set the white balance (P.66) to “AUTO” or custom white balance (P.73).

Available Photography modes: P, S, A, M

1. Displaying the menus (P.63)

2. PHOTOGRAPHY MENU
**PLAYBACK INFORMATION**

Use this function to check the photography information. Hold down the “INFO” button to check the information.

- **Quality mode**
- **Sensitivity**
- **Shutter speed / Aperture**
- **FinePix COLOR**
- **Saturation**
- **Contrast**
- **Flash**
- **White balance**
- **Exposure compensation setting**

**Histograms**

A histogram is a chart showing the distribution of brightness in an image (horizontal axis: brightness; vertical axis: pixels).

1. **Optimal exposure**: There is an ample distribution of pixels overall with a peak in the middle range.
2. **Overexposed**: The number of highlight pixels is high with the distribution sloping upwards to the right.
3. **Underexposed**: The number of shadow pixels is high with the distribution sloping upwards to the left.

**Highlight warning**: When the image is overexposed, areas where white blooming has occurred flash black.

The shape of the graph will vary depending on the subject.

---

**PLAYBACK MENU**

**ERASING SINGLE / ALL FRAMES**

1. Set the Power switch to “

   2. Press the “MENU/OK” button to display the menu on the screen.

   - **ERASE.**
   - **FRAME**
   - **ALL FRAMES**

   *Erasers frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.*

2. **Press “

   2. Press the “MENU/OK” button.

   - **FRAME**
   - **ALL FRAMES**

   *Erasers frames (files)*

3. **Press “

   2. Press the “MENU/OK” button.

   - **FRAME**
   - **ALL FRAMES**

   *Erasers all unprotected frames (files). Back up important frames (files) onto your PC or another media.***

   *“DPOF SPECIFIED. ERASE OK ?” appears when erasing a frame (file) with DPOF setting.***

---

Continued
ERASE ALL OK?

Press the “MENU/OK” button erases all the frames (files).

Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡ P.84).

● !

Even if you stop the procedure immediately, some frames (files) will be erased.

To stop the procedure midway

Press the “DISP/BACK” button to cancel erasing of all the frames (files). Some unprotected frames (files) will be left unerased.

ALL FRAMES

Pressing the “MENU/OK” button erases all the frames (files).

Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡ P.84).

FRAME

1. Press “<” or “>” to select the erasing frame (file).
2. Press the “MENU/OK” button to erase the currently displayed frame (file).
3. To erase another frame (file), repeat steps 1 and 2.
4. When erasing frames (files) is completed, press the “DISP/BACK” button.
5. Pressing the “MENU/OK” button repeatedly erases consecutive frames (files). Take care not to erase a frame (file) by mistake.
6. Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡ P.84).

Images that can be rotated

You may not be able to rotate images that were shot with a camera other than the FinePix S9100 / FinePix S9600.

To rotate images shot with the FinePix S9100 / FinePix S9600:

1. Set the Power switch to “1.”
2. Press the “MENU/OK” button to display the menu on the screen.
3. Press “<” or “>” to select “IMAGE ROTATE.”
4. Press “MENU/OK” button to display the menu on the screen.
5. Press “<” or “>” to select “IMAGE ROTATE.”
6. Press “MENU/OK” button to confirm your selection. Press the “DISP/BACK” button to cancel rotating the image.

Images that can be rotated

You may not be able to rotate images that were shot with a camera other than the FinePix S9100 / FinePix S9600.

To rotate images shot with the FinePix S9100 / FinePix S9600:

1. Set the Power switch to “1.”
2. Press the “MENU/OK” button to display the menu on the screen.
3. Press “<” or “>” to select “IMAGE ROTATE.”
4. Press “MENU/OK” button to display the menu on the screen.
5. Press “<” or “>” to select “IMAGE ROTATE.”
6. Press “MENU/OK” button to confirm your selection. Press the “DISP/BACK” button to cancel rotating the image.

Images that can be rotated

You may not be able to rotate images that were shot with a camera other than the FinePix S9100 / FinePix S9600.
DPOF stands for Digital Print Order Format and refers to a format that is used for recording printing specifications for images shot using a digital camera on media such as an xD-Picture Card and CF/Microdrive. The recorded specifications include information on which frames are to be printed.

This section gives a detailed description of how to order your prints with the FinePix S9100 / FinePix S9600.

* Some printers do not support date and time imprinting or specification of the number of prints.

The warnings shown below may appear while specifying the prints.

**“DPOF SPECIFIED. ERASE OK ?”**

When erasing the image, the DPOF setting for that image is deleted at the same time.

**“RESET DPOF OK ?” (P.79)**

When inserting a media that contains images specified for printing on by another camera, those print specifications are all reset and replaced by the new print specifications.

[DPOF FILE ERROR] (P.143)

Up to 999 images can be specified on the same media.

### HOW TO SPECIFY PRINT OPTIONS (DPOF)

1. **Set the Power switch to “W”.

2. **Press the “p” button.

“WITH DATE” is selected at factory default setting. See P.81 for information on selecting “WITH DATE” or “WITHOUT DATE”.

3. **Press the “p” button.

If there were previous DPOF settings, perform step 3.

   − “G” appears on the screen when selecting “WITH DATE”.

4. **Press “<” or “>” to display the frame (file) for specifying DPOF settings.

5. **Press “▲” or “▼” to set a value up to 99 as the number of copies of the frame (file) to be printed.

   For frames (files) that you do not want printed, set the number of prints to 0 (zero).

   To specify more DPOF settings, repeat steps 1 and 2.

   − Prints of up to 999 image frames (files) can be ordered on the same media.

   − DPOF settings cannot be specified for movie and CCD-RAW.

   − Images photographed with a camera other than FinePix S9100 / FinePix S9600 may not be specified DPOF settings.

   Pressing the “DISP/BACK” button while choosing settings will cancel all current settings. If there were previous DPOF settings, only the modifications are canceled.

### When DPOF settings were specified on another camera

When the data includes a frame (file) with DPOF settings that were specified on another camera, “RESET DPOF OK ?” appears.

Pressing the “MENU/OK” button erases all of the DPOF settings already specified for each frame (file). Specify the DPOF setting for each frame (file) again.

Press the “DISP/BACK” button to leave the previous settings unchanged.
Always press the "MENU/OK" button after the settings are completed. Pressing the "DISP/BACK" button cancels those settings.

Total number of prints appears on the screen. Press the "F" button.

**Canceling DPOF setting**

To cancel the DPOF setting for a specified frame (file):
1. Press the "F" button.
2. Press "<" or ">") to select the frame (file) with the DPOF setting you want to cancel.
3. Set the number of prints to 0 (zero).

To cancel the DPOF setting for another frame (file), repeat steps 2 and 3.

DPOF ALL RESET (P.83).

When selecting the "WITH DATE" setting, the date is imprinted on your shots using the Print Service or a DPOF-compatible printer (depending on the printer specifications, the date may not be printed in some cases).
Advanced Features

DPOF SET FRAME

1. Press “向上” or “向下” to display the frame (file) for specifying DPOF settings.
2. Press “向左” or “向右” to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).

To specify more DPOF settings, repeat steps 1 and 2.

Prints of up to 999 image frames (files) can be ordered on the same media.

"T" appears on the screen when selecting "WITH DATE".

DPOF settings cannot be specified for movie and CCD-RAW.

Images photographed with a camera other than FinePix S9100 / FinePix S9600 may not be specified DPOF settings.

Total number of prints appears on the screen. Press the “MENU/OK” button.

DPOF ALL RESET

1. Set the Power switch to “OFF”.
2. Press the “MENU/OK” button to display the menu on the screen.

3. Press “向左” or “向右” to select "长" PRINT ORDER (DPOF).
4. Press “向上”.

Pressing the “DISP/BACK” button cancels those settings.

Pressing the “DISP/BACK” button while choosing settings will cancel all current settings. If there were previous DPOF settings, only the modifications are canceled.

"T" appears on the screen during playback when the image has specified DPOF settings.

A message appears on the screen. To reset all the DPOF settings, press the “MENU/OK” button.

Canceling DPOF setting

To cancel the DPOF setting for a specified frame (file):
1. Press the “F” button.
2. Press “向下” or “向上” to select the frame (file) with the DPOF setting you want to cancel.
3. Set the number of prints to 0 (zero).

To cancel the DPOF setting for another frame (file), repeat steps 2 and 3.

Press the “MENU/OK” button to complete the settings.

DPOF ALL RESET (➡ P.83).
Advanced Features

PROTECT OK?

YES
CANCEL

Press "d" or "c" to select the protecting frame (file).
Press the "MENU/OK" button to protect the currently displayed frame (file). To protect another frame (file), repeat steps 1 and 2. When protecting frames (files) is completed, press the "DISP/BACK" button.

FRAME SET

1 Press “FIG” or “FIR” to select the protecting frame (file).
2 Press the "MENU/OK" button to protect the currently displayed frame (file). To protect another frame (file), repeat steps 1 and 2. When protecting frames (files) is completed, press the "DISP/BACK" button.

SET ALL

Press the "MENU/OK" button to protect all the frames (files).

RESET ALL

Press the "MENU/OK" button to unprotect all the frames (files).

◆ To stop the procedure midway ◆

If the images are very large, protecting or unprotecting all the frames (files) may take some time. If you want to take a picture or record a movie during the procedure, press the "DISP/BACK" button. To return to protecting or unprotecting all the frames (files), see the procedure on P.84 and begin at step 1.
**Advanced Features**

**Automatic Playback**

1. Set the Power switch to “ON”.
2. Press the “MENU/OK” button to display the menu on the screen.

3. Press “A” or “▼” to select “PLAYBACK”.
4. Press “►”.

3. Press “A” or “▼” to select the playback interval and the type of image transition.
4. Press the “MENU/OK” button. The image frames are advanced and played back.

Press “▲” or “▼” to advance or go back through the images when selecting “NORMAL” and “FADE-IN.”

To interrupt automatic playback, press “MENU/OK” button.

Press the “DISP/BACK” button once during playback to display on-screen help.

The auto power off function does not operate during playback.

**Recording Voice Memos**

1. Set the Power switch to “ON”.
2. Press the “MENU/OK” button to display the menu on the screen.
3. Press “A” or “▼” to select “VOICE MEMO”.

- Voice memos cannot be added to movies.
- When [PROTECTED FRAME] appears, unprotect the frame (P. 84).

4. Press “►”.

“REC STANDBY” appears on the screen.
Press the “MENU/OK” button to begin recording.

Hold the camera about 20 cm (7.9 in.) away for the best results.
After 30 seconds of recording, “FINISH” appears on the screen.
To finish Press the “MENU/OK” button.
To re-record your comment Press the “DISP/BACK” button.

◆ When the image already has a voice memo ◆ When you select an image that already has a voice memo, a screen appears in which you can select whether to re-record the voice memo.

When [PROTECTED FRAME] appears, unprotect the frame (☞ P.84).

Playing back voice memos

<table>
<thead>
<tr>
<th>Control</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Playback</td>
<td>Playback begins. The voice memo stops when playback ends.</td>
</tr>
<tr>
<td>Pause/Resume</td>
<td>Pauses the voice memo during playback. Press “▼” again to resume playback.</td>
</tr>
<tr>
<td>Stop</td>
<td>Stops playback. ◆Press “◄” or “►” while voice memo playback is stopped to go back to the previous file or advance to the next file respectively.</td>
</tr>
<tr>
<td>Fast forward/Rewind</td>
<td>Press “◄” or “►” during playback to skip forwards or backwards through the voice memo. ◆These buttons do not function while playback is paused.</td>
</tr>
</tbody>
</table>

◆ Playing voice memo files ◆ You may not be able to play back some voice memo files recorded on other cameras.
Adjusting volume of voice memos
Volume can be adjusted while playing back voice memos. Adjust the volume to suit your condition.

1. Press the “MENU/OK” button while playing back voice memo. The voice memo is paused during playback.

2. Press “<” or “>” to adjust the volume.

3. Press the “MENU/OK” button to confirm the new setting. Camera starts to play back the voice memo.

Volume can be adjusted while playing back voice memos. Adjust the volume to suit your condition.

1. Press the “MENU/OK” button while playing back voice memo. The voice memo is paused during playback.

2. Press “<” or “>” to adjust the volume.

3. Press the “MENU/OK” button to confirm the new setting. Camera starts to play back the voice memo.

4. Press “<” or “>” to zoom in or out on an image. A zoom bar appears on the screen.

Press the “DISP/BACK” button to return to single-frame playback.

A saved image size varies depending on the zoom scale. For 0.3M, the “YES” option appears in yellow.
5. Press "1" or "2" to select "PANNING".
6. Press "A", "B", "C", or "D" to display another part of the image.
7. Press the "MENU/OK" button to trim the image.

Check the saved image size and press the "MENU/OK" button. The trimmed image is added as a separate file in the final frame.

Table: Image sizes

<table>
<thead>
<tr>
<th>Size</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>13s</td>
<td>Printing at up to 10R (25.4 x 30.5 cm) / A4 size</td>
</tr>
<tr>
<td>13b</td>
<td>Printing at up to 6R (15.2 x 20.3 cm) / A6 size</td>
</tr>
<tr>
<td>13c</td>
<td>Printing at up to 4R (10.2 x 15.2 cm) / A6 size</td>
</tr>
<tr>
<td>13d</td>
<td>To use for e-mail or web site</td>
</tr>
</tbody>
</table>

Images that can be trimmed

You may not be able to trim images that were shot with a camera other than the FinePix S9100 / FinePix S9600.

1. Set the Mode dial to "r".
2. Use "r" Movie mode to record movies with sound.
3. Specifications
   Motion JPEG (P.151) with monaural sound
   Quality selection method
   SD (640 x 480 pixels)
   SD (320 x 240 pixels)
4. Frame rate (P.151)
   30 frames per second (fixed)

See P.35 for information on changing the quality mode.

Because sound is recorded concurrently with the images, make sure that you do not cover the microphone with a finger, etc. (P.10).

The available recording time and "STANDBY" appear on the screen.

Turn the zoom ring to zoom in or out during shooting. Refocus on the subject after zooming.

Optical zoom focal length
(35 mm camera equivalent)
Approx. 28 mm to 300 mm
Max. zoom scale: 10.7x

Focal range
Wide-angle: approx. 40 cm (1.3 ft.) to infinity
Telephoto: approx. 2 m (6.6 ft.) to infinity

Press the shutter button down fully to start recording.

The brightness and color of the screen shown during movie recording may differ from those shown before recording begins.

There is no need to hold down the shutter button.

The noises made by camera operations such as focusing and aperture control may be recorded during movie shooting.

During shooting, the exposure and white balance are adjusted to the scene being shot.

Images that can be trimmed

You may not be able to trim images that were shot with a camera other than the FinePix S9100 / FinePix S9600.
During recording, “REC” appears in the bottom-left corner of the screen and a counter that shows the remaining time appears in the top-right corner of the screen.

- If the brightness of the subject changes during movie recording, the sound of lens operation may be recorded.
- Some wind noise may be recorded in shots taken outdoors.
- When the remaining time runs out, recording ends and the movie is saved onto the media.

Press the shutter button down halfway during recording, the recording ends.

- If recording is stopped immediately after it begins, 1 second of the movie is recorded onto the media.

Press “a” or “b” to change the setting.

Press the “MENU/OK” button to confirm the setting.

The quality setting is retained even when the camera is off or the mode setting is changed.

Notes on using Microdrives for movie shooting

If the camera’s internal temperature rises too high, movie shooting stops to protect the media. Because Microdrives tend to generate heat (for mechanical reasons), long periods of continuous movie shooting may not be possible when the ambient temperature is high. As a general guide to shooting times, you can shoot movies for around 20 minutes at an ambient temperature of +30°C/+86°F and for around 30 minutes at +25°C/+77°F.

If the camera’s internal temperature rises during shooting, “MICRODRIVE IS OVERHEATING. MOVIE RECORDING WILL AUTOMATICALLY STOP SOON” appears. This then changes to “PLEASE STOP MOVIE RECORDING”. If you continue shooting, the movie is saved and the camera shuts down.

If you then immediately try to start shooting again, “MOVIE RECORDING HAS STOPPED CANNOT RESTART A WHILE” appears and you cannot start shooting. Turn the camera off and do not use it for roughly 30 minutes until it has cooled down. Note that you can still shoot still images during this period.

Because the Microdrive is hot just after a movie is recorded, do not remove the Microdrive immediately.

Quality settings in Movie mode

<table>
<thead>
<tr>
<th>Quality mode</th>
<th>Sample uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>640 x 480</td>
<td>For better quality</td>
</tr>
<tr>
<td>320 x 240</td>
<td>To record longer movies</td>
</tr>
</tbody>
</table>

When used media is 4GB or more, a movie up to 60 minutes long (at the “640” setting) or 120 minutes long (at the “320” setting) can be recorded.

Visit website for information on available Microdrive / CompactFlash card:
Advanced Features

PLAYBACK MODE → PLAYING BACK MOVIES

1. Set the Power switch to "PLAY".
2. Press "MENU/OK" to select the movie file.

- Movies cannot be played back using multi-frame playback. Press the "DISP/BACK" button to select single-frame playback.

- Indicated by the "④" icon.

2. Press "△" to play the movie.
   ② The playback time appears on the screen along with a progress bar.

- Uncover the speaker. The sound is difficult to hear.
- When the sound is difficult to hear, adjust the volume (P.97, 102).
- If the subject of the shot is very bright, white vertical streaks or black horizontal streaks may appear in the image during playback. This is normal.

### Playing back movies

<table>
<thead>
<tr>
<th>Control</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Playback</td>
<td>Playback begins. Playback stops when the end of the movie is reached.</td>
</tr>
<tr>
<td>Pause/Resume</td>
<td>Pauses the movie during playback. Press &quot;△&quot; again to resume playback.</td>
</tr>
<tr>
<td>Stop</td>
<td>Stops playback. Press &quot;◄&quot; or &quot;►&quot; while playback is stopped to go back to the previous file or advance to the next file respectively.</td>
</tr>
<tr>
<td>Fast forward/Rewind</td>
<td>Press &quot;◄&quot; or &quot;►&quot; during playback to skip forwards or backwards through the movie.</td>
</tr>
<tr>
<td>Skip playback</td>
<td>Press &quot;◄&quot; or &quot;►&quot; when the movie is paused, the movie advances or goes back one frame. Hold down &quot;◄&quot; or &quot;►&quot; to move through the frames quickly.</td>
</tr>
</tbody>
</table>

### Adjusting volume of movies

Volume can be adjusted while playing back movies. Adjust the volume to suit your condition.

1. Press the "MENU/OK" button while playing back movie. The movie is paused during playback.

2. Press "◄" or "►" to adjust the volume.

3. Press the "MENU/OK" button to confirm the new setting. Camera starts to play back the movie.

---

- You may not be able to play back some movie files recorded on other cameras.
- To play back movie files on a PC, save the movie file on the media to the PC’s hard disk and then play back the saved file.
Press the “MENU/OK” button to display the menu on the screen.

1. Press “►” or “▼” to select “SET-UP.”
2. Press “►”: 

1. Press “◄” to move to page number.
2. Press “▲” or “▼” to select the page.

1. Press “►” to move to menu item.
2. Press “▲” or “▼” to select the menu item.

1. Press “►” to select a menu option.
3. After you have changed the settings, press the “MENU/OK” button to confirm the changes.
**IMAGE DISPLAY**

Use this setting to specify whether images are displayed after shooting.

**CONT:** The results are always displayed after you shoot. The display changes between the histogram and photography information each time you press the “INFO” button. Press the “MENU/OK” button to take another picture.

**3 SEC/1.5 SEC:** The image appears for about 3 or 1.5 seconds and is then recorded.

**OFF:** Images are recorded without being displayed.

● ! In Long-period continuous shooting, the images do not appear.

● ! In top 4-frame continuous shooting, auto bracketing and final 4-frame continuous shooting, the images appear for a set time before being recorded even when “OFF” is selected.

● ! When selecting “CONT”, information for the photography settings does not appear in “B”, “√”, “àn”, “U” and “/” mode.

● ! The color tones in images displayed when “3 SEC” or “1.5 SEC” is selected may differ slightly from those in the images actually recorded.

---

**SET-UP menu options**

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<th>Display</th>
<th>Factory default</th>
<th>Explanation</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td><strong>IMAGE DISP.</strong></td>
<td>CONT/3 SEC/1.5 SEC/OFF</td>
<td>1.5 SEC</td>
<td>Specifies whether an image checking screen (photography result) appears after taking a picture. The image appears for a few moments and is then recorded. The color tones in images recorded may differ from actual color. Play back the recorded images to check them.</td>
<td>101</td>
</tr>
<tr>
<td><strong>SHUTTER VOLUME</strong></td>
<td>OFF/1/2/3</td>
<td>2</td>
<td>Sets the volume of the sound emitted when the shutter operates.</td>
<td>-</td>
</tr>
<tr>
<td><strong>BEEP VOLUME</strong></td>
<td>OFF/1/2/3</td>
<td>2</td>
<td>Sets the volume of the tone emitted when the camera controls are used.</td>
<td>-</td>
</tr>
<tr>
<td><strong>PLAYBACK VOLUME</strong></td>
<td>SET</td>
<td>7</td>
<td>Sets the volume of playing back movie and voice memo.</td>
<td>-</td>
</tr>
<tr>
<td><strong>FRAME NO.</strong></td>
<td>CONT/NEW CONT.</td>
<td></td>
<td>Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.</td>
<td>102</td>
</tr>
<tr>
<td><strong>LCD BRIGHTNESS</strong></td>
<td>SET</td>
<td>0</td>
<td>Sets the screen brightness.</td>
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<tr>
<td><strong>MEDIA</strong></td>
<td>xD-Picture Card (CF/Microdrive)</td>
<td></td>
<td>Sets the media to be used when an xD-Picture Card and a CF/Microdrive are loaded in the camera.</td>
<td>-</td>
</tr>
<tr>
<td><strong>CCD-Raw</strong></td>
<td>OFF/ON</td>
<td>OFF</td>
<td>Sets the image quality to CCD-RAW. Because no image processing is performed on the camera for CCD-RAW images, images must be processed on a PC.</td>
<td>103</td>
</tr>
<tr>
<td><strong>EVF/LOCK MODE</strong></td>
<td>30fps/60fps</td>
<td>30fps</td>
<td>The screen is displayed smoothly in any situations such as immediately after moving the camera.</td>
<td>-</td>
</tr>
<tr>
<td><strong>AE-LOCK MODE</strong></td>
<td>AE-L1/AE-L2</td>
<td>AE-L1</td>
<td>Selects the AE lock setting.</td>
<td>-</td>
</tr>
<tr>
<td><strong>AF ILLUMINATOR</strong></td>
<td>ON/OFF</td>
<td>ON</td>
<td>Specifies whether the AF-assist illuminator is ON or OFF.</td>
<td>-</td>
</tr>
<tr>
<td><strong>AUTO POWER OFF</strong></td>
<td>5 MIN/2 MIN/OFF</td>
<td>2 MIN</td>
<td>Sets the time of turning camera off when camera is not used.</td>
<td>104</td>
</tr>
<tr>
<td><strong>FORMAT</strong></td>
<td>OK</td>
<td>–</td>
<td>Initializes a media. Select this menu to erase all the frames (files).</td>
<td>104</td>
</tr>
<tr>
<td><strong>DATE/TIME</strong></td>
<td>SET</td>
<td>–</td>
<td>Corrects the date and time.</td>
<td>17</td>
</tr>
<tr>
<td><strong>TIME DIFFERENCE</strong></td>
<td>SET</td>
<td>–</td>
<td>Specifies the time difference settings.</td>
<td>105</td>
</tr>
<tr>
<td><strong>LANGUAGE</strong></td>
<td>ENGLISH/FRANCAIS/DEUTSCH/ESPANOL/ITALIANO/FR/CH/</td>
<td>ENGLISH</td>
<td>Specifies the language used for screen display.</td>
<td>19</td>
</tr>
<tr>
<td><strong>BACKGROUND COLOR</strong></td>
<td>SET</td>
<td>–</td>
<td>Specifies the colors of menu and cursor.</td>
<td>-</td>
</tr>
<tr>
<td><strong>USB MODE</strong></td>
<td>DSC (Mass storage device) mode</td>
<td></td>
<td>Provides a simple way to read images from a media and store images onto a media.</td>
<td>126</td>
</tr>
<tr>
<td><strong>VIDEO SYSTEM</strong></td>
<td>NTSC/PAL</td>
<td>–</td>
<td>Specifies whether video output is set to NTSC or PAL.</td>
<td>-</td>
</tr>
<tr>
<td><strong>DISCHARGE</strong></td>
<td>OK</td>
<td>–</td>
<td>Discharges Ni-MH batteries.</td>
<td>139</td>
</tr>
<tr>
<td><strong>RESET</strong></td>
<td>OK</td>
<td>–</td>
<td>Resets all the camera settings (other than the DATE/TIME, TIME DIFFERENCE, LANGUAGE, VIDEO SYSTEM and BACKGROUND COLOR) to the factory default values set at shipment. A confirmation message appears when you press “MENU/OK”. To reset the camera settings, press the “MENU/OK” button again.</td>
<td>-</td>
</tr>
</tbody>
</table>

---

*Always turn the camera off when replacing the batteries. Opening the battery cover or disconnecting the AC power adapter without turning the camera off may cause the camera settings to revert to the factory default values set at shipment.*
**Adjusting Screen Brightness**

To adjust screen brightness:
1. Press "<<" or ">>" to adjust the screen brightness.
2. Press the "MENU/OK" button to confirm the new setting.

**Frame No.**

Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.

- **< CONT. >**: Pictures are stored beginning from the highest file number stored on the last media used.
- **< RENEW >**: Pictures are stored on each media beginning with a file number “0001”.

Setting this function to “CONT.” makes file management easier as it makes sure that file names are not duplicated when images are downloaded to a PC.

- When the camera settings are "RESET", the frame number setting ("CONT." or "RENEW") is changed to "CONT." and the frame number itself does not return to "0001".
- When the media already contains image files with file numbers higher than the highest file number on the last media, images are stored beginning from the highest file number on the current media.

Check the file number by viewing the image. The last 4 digits of the 7-digit number in the top right corner of the screen are the file numbers, while the first 3 digits show the directory number.

- When changing the media, always turn the camera off before opening the slot cover. Opening the slot cover without turning the camera off may cause the frame number memory to not function.
- File numbers run from 0001 to 9999. Once 9999 is exceeded, the directory number changes from 100 to 101. The maximum number is 999-9999.
- The displayed frame number may differ for images photographed on other cameras.
- When (FRAME NO. FULL) appears, see P.142.

**Frame No. Example**

- **Directory number**: 0001
- **File number**: 001
- **Frame number**: 4

6/24/2006 10:00 AM

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**Setting CCD-RAW to ON**

Setting CCD-RAW to ON disables the signal processing functions (reconstituting the data received from the CCD as an image) performed on the camera. Consequently, this task must be performed on the PC.

Conversion using FinePixViewer also provides a simple way to create TIFF-format images. Conversion using Hyper-Utility2 also provides you to specify parameters such as image format, tone, white balance, sharpness, saturation, and brightness during file conversion.

- To rebuild images, FinePixViewer (on the bundled CD-ROM “Software for FinePix CX”) or Hyper-Utility2 (on the bundled CD-ROM “Hyper-Utility Software HS-V2”) must be installed on your PC.

- The functions listed below cannot be used in CCD-RAW mode.

  - **During shooting**: Digital zoom, Continuous shooting and Quality are unavailable.
  - **During playback**: Playback can be zoomed up to 2.5×, but cropped images cannot be saved.
### Auto Power Off

When this function is enabled and the camera remains unused for 2 or 5 minutes, it is turned off. Auto power off function prevents leaving the power on.

- The Auto power off function is disabled during automatic playing back and discharging, and when a USB connection is being used.

#### To restore power to the camera

1. Set the Power switch to “OFF”.
2. Set the Power switch back to “↑” or “↓”.

### Format

Initialize (format) the media for use with the camera. Because initializing the media erases all the frames (files), including protected frames (files). Back up important frames (files) onto your PC or another media.

- Press “←” or “→” to select “OK”.
- Pressing the “MENU/OK” button erases all the frames (files) and initializes the media.

- Always check the media to be formatted on the screen before proceeding.
  - Formatted media
    - FORMAT OK?: xD-Picture Cards
    - FORMAT OK?: CF/Microdrives
  - When [CARD ERROR], [WRITE ERROR], [READ ERROR] or [CARD NOT INITIALIZED] appears, see P.142 for information before formatting the media.
  - Do not open the battery cover during formatting, as formatting will be interrupted.

### Time Difference

This function sets a time difference relative to the date and time currently set. When this setting is enabled, the specified time difference is applied when pictures are taken.

Use this function when traveling to destinations in different time zones.

1. Press “↑”.
2. Press “↑” or “↓” to change between “HOME” and “LOCAL”.

To set the time difference, select “LOCAL”.

- **HOME**: Your home time zone
- **LOCAL**: Your destination time zone

3. Press “↑”.

- 1 Press “c”.
- 2 Press “a” or “b” to change between “HOME” and “LOCAL”.
- To set the time difference, select “LOCAL”.
- **HOME**: Your home time zone
- **LOCAL**: Your destination time zone
About FinePixViewer

FinePixViewer is a software application that enables you to save still images, movies and sound files that you have recorded using a digital camera onto your computer, and then organize, modify and print the saved files. This section provides a brief overview of these FinePixViewer functions.

- Saving camera data on your computer / Viewing and organizing files and folders
- Displaying or sorting by year
- Modifying image files
- Working with batches of images
- Registering your favorite applications
- Printing images
- And a huge range of other functions

Software Configuration

Hyper-Utility2 consists of 2 types of application: the core applications and the helper applications. Supplementing the core applications with the helper applications allows a range of additional functionality to be achieved.

View/Organize files and folders

Folders and files such as still images, movies and sound are shown as thumbnails to allow quick and easy checking.

Compare 2 images

The Preview split-window mode splits the screen horizontally or vertically to allow 2 images to be compared or checked.

Analyze images

A range of image analysis tasks can be performed, including viewing the image histogram (the area can be specified) and displaying warnings for problems such as under- and overexposure.

A host of other useful functions

Hyper-Utility2 also offers a range of other functions for utilizing photography data that can be used as required, including functions for printing, creating contact sheet files, displaying slide shows, converting CCD-RAW files and controlling the camera.

Adobe RGB (1998)

Hyper-Utility2 includes a function for the saving image files in the Adobe RGB (1998) color space, which is best suited for commercial printing.
Pre-installation checklist
To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Operational System
- Windows 98 SE
- Windows Millennium Edition (Windows Me)
- Windows 2000 Professional SP4
- Windows XP Home Edition SP2
- Windows XP Professional SP2

CPU
- 200 MHz Pentium or better recommended (800 MHz Pentium II or better recommended for Windows XP)

RAM
- 64 MB minimum (128 MB minimum for Windows XP), Minimum 256 MB when converting CCD-RAW Data

Hard disk space
- Amount required for installation: 450 MB minimum
- Amount required for operation: 600 MB minimum (When using ImageMixer VCD2 LE for FinePix: 2 GB or better)
- Minimum 2 GB when converting CCD-RAW Data (must specified in the OS as virtual memory or paging files)

Display
- 800 x 600 pixels or better, 16-bit color or better
- when using ImageMixer VCD2 LE for FinePix: 1024 x 768 or better

Internet connection
- To use the FinePix Internet Service or mail attachment function: An Internet connection or e-mail transmission software is needed
- Connection speed: 56 k or better recommended

Recommended system
- Windows XP
- CPU: 2 GHz Pentium 4 or better recommended
- RAM: 512 MB or better recommended
- Hard disk space: 2 GB or better
- Display: 1024 x 768 pixels or better. Highest (32 bit)
- Internet connection: Broadband (ADSL, FTTH, CATV, etc.)

Notes
- Connect the camera directly to the PC using the USB cable (mini-B). The software may not operate properly when you use an extension cable or connect the camera via a USB hub.
- When your PC has more than one USB port, the camera can be connected to either port.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- Windows 95 and Windows NT cannot be used.
- Operation is not guaranteed on home-built PCs or on PCs running updated operating system software.
- When you reinstall or remove FinePixViewer, the Internet menu and your user ID and password for the FinePix Internet Service are deleted from your PC. Click the [Register now] button, enter your registered user ID and password and download the menu again.
- To connect the camera to a computer, select “DSC” as the USB setting (P.126)
- To download images on the camera using FinePixViewer, go to “How to use FinePixViewer” in the Help menu and then select Basic Operation > Downloading Images > Saving camera images on a computer (Auto) and refer to the section titled “Using a PTP-incompatible camera” (camera with a DSC function).

Do not connect the camera to your PC until the software installation is completed.

1. Install FinePixViewer as instructed in the Quick start guide.

- Launching the installer manually
  1. Double-click the “My Computer” icon.
  2. Right-click “FINEPIX” (CD-ROM drive) in the “My Computer” window and select “Open”.
  3. Double-click “SETUP” or “SETUP.exe” in the CD-ROM window.

- Installing other applications
  You may see messages for installing ImageMixer VCD2 LE for FinePix. Install this application as directed by the on-screen instructions.

2. Install DirectX as directed by the on-screen instructions and then restart your PC. If the latest version of DirectX is already installed on your PC, this installation is not performed.

3. After restarting, the USB Video Class Driver would be installed.

4. After restarting the PC, a message appears stating “Installation of the FinePixViewer has been completed.”
5.3 INSTALLATION ON A Mac OS X (FinePixViewer)

Pre-installation checklist

Hardware and software requirements
To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

<table>
<thead>
<tr>
<th>Hardware and software requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compatible Mac</strong>¹</td>
</tr>
<tr>
<td>Power Macintosh G3², PowerBook G3²,</td>
</tr>
<tr>
<td>Power Macintosh G4, iMac, iBook,</td>
</tr>
<tr>
<td>Power Macintosh G4 Cube, or PowerBook G4, Power Macintosh G5</td>
</tr>
<tr>
<td>MacBook, MacBook Pro, Mac mini</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
</tr>
<tr>
<td>Mac OS X (compatible with version 10.2.8 to 10.4.6)</td>
</tr>
<tr>
<td><strong>RAM</strong></td>
</tr>
<tr>
<td>Minimum 256 MB when RAW FILE CONVERTER LE is used</td>
</tr>
<tr>
<td><strong>Hard disk space</strong></td>
</tr>
<tr>
<td>Amount required for installation: 200 MB minimum</td>
</tr>
<tr>
<td>Amount required for operation: 400 MB minimum</td>
</tr>
<tr>
<td>(When using ImageMixer VCD2 LE for FinePix: 2 GB or better)</td>
</tr>
<tr>
<td>Minimum 2 GB when converting CCD-RAW Data (required on the system disk)</td>
</tr>
<tr>
<td><strong>Display</strong></td>
</tr>
<tr>
<td>800 x 600 pixels or better, at least 32,000 colors</td>
</tr>
<tr>
<td>(When using ImageMixer VCD2 LE for FinePix: 1024 x 768 or better)</td>
</tr>
<tr>
<td><strong>Internet connection</strong>³</td>
</tr>
<tr>
<td>To use the FinePix Internet Service or mail attachment function</td>
</tr>
<tr>
<td>An Internet connection or e-mail transmission software is needed</td>
</tr>
<tr>
<td>Connection speed: 56 k or better recommended</td>
</tr>
</tbody>
</table>

Notes

- Connect the camera directly to the Macintosh using the USB cable (mini-B). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- On Macintosh PCs, allocate at least 400 MB of virtual memory to RAW FILE CONVERTER LE when converting CCD-RAW Data. If other applications will be used at the same time, allocate the additional amount required for those applications also.
- To connect the camera to a computer, select “DSC” as the USB setting. (P.126)
- To download images on the camera using FinePixViewer, go to “How to use FinePixViewer” in the Help menu and then select Basic Operation > Downloading Images > Saving camera images on a computer (Auto) and refer to the section titled “Using a ‘PTP-incompatible camera’ (camera with a DSC function)”.

1. Turn your Macintosh on and start up Mac OS X. Do not launch any other applications.

2. When the bundled CD-ROM is loaded into the CD-ROM drive, the “FinePix” icon appears. Double-click the “FinePix” icon to open the “FinePix” volume window.

3. Double-click on “Installer for MacOSX”.

4. The Installer setup dialog appears. Click the [Installing FinePixViewer] button.

5. The “Authenticate” dialog appears. Enter the name and password for the administrator account and then click the [OK] button.*

6. The “License” dialog appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Accept] button.

7. The “Read me” dialog appears. Click the [Continue] button.

*The administrator account is the user account used for Mac OS X installation and you can confirm the user account in the Accounts dialog in the System Preferences.
5.3 INSTALLATION ON A Mac OS X (FinePixViewer)

8 The “FinePixInstallOSX” window appears. Click the [Install] button to install FinePixViewer and RAW FILE CONVERTER LE.

9 The ImageMixer VCD2 LE for FinePix installer automatically starts up and a window showing the installation progress appears (Installation may take several minutes).

10 The “FinePixViewer installation completed” message dialog appears. Then click exit button and close it.

11 Launch “Image Capture” from the “Applications” folder.

12 Change the Image Capture settings. Select “Preferences...” from the “Image Capture” menu.

13 Select “Other...” from “When a camera is connected, open”.

14 Select “FPVBridge” from “FinePixViewer” folder in the “Applications” folder and click the [Open] button.

15 Select “Quit Image Capture” menu in the “Image Capture” menu.

5.4 INSTALLATION ON A Windows PC (Hyper-Utility2)

Hardware and software requirements
To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible PCs
IBM PC/AT or compatible

Operating System
Windows 2000 Professional SP4*
Windows XP Professional SP2*
Windows XP Home Edition SP2*

CPU
Pentium 4, Celeron, Pentium M

RAM
256 MB minimum (512 MB or more recommended)

Hard disk space
Amount required for installation: 100 MB minimum
Amount required for Hyper-Utility2:
  Drive for operating system: 1 GB or larger
  Drive for temporary file creation: 1 GB or larger

Display
1024 × 768 to 3840 × 2400 pixels, High Color (16 bit) or higher (1600 × 1200 pixels, True Color (32 bit) recommended)

Sound functions
1. Speaker and sound card or built-in sound

CD-ROM drive
Required for software installation

IEEE 1394 interface
OHCI-compliant IEEE1394 interface card

*1 One of the above operating systems preinstalled.
*2 When you install the software, log in using a system administrator account (e.g. “Administrator”).
*3 Sound functions are required to play background music for slide shows.
*4 Required to connect the FinePix S2 Pro, FinePix S3 Pro or FinePix S20 Pro and use the Remote Shooting function.
* Operation is not guaranteed on home-built computers or on computers running updated operating system software.
5.4 INSTALLATION ON A Windows PC (Hyper-Utility2)

Installing Hyper-Utility2

1. Switch on your PC and start up Windows. If you have already switched on your PC, restart your PC at this point.
   - Log on using a computer administrator’s account (e.g. “Administrator”).

2. Quit all other active applications until no applications are shown in the taskbar.
   - Click the right mouse button on the application icon in the taskbar.
   - Click “Close” in the menu that appears to quit the application.
   - If a “----.dll file not found.” message appears during installation, there is another application running in the background. Forcibly shut down the application. Refer to your Windows manuals for information on how to forcibly shut down an application.

3. Load the enclosed CD-ROM into the CD-ROM drive. The installer starts up automatically.

  ◆ Launching the Installer Manually◆

   - Double-click the “My Computer” icon. Windows XP users should click “My Computer” in the “Start” menu.
   - Right-click “HS_V2” (CD-ROM drive) in the “My Computer” window and select “Open”.
   - Double-click “SETUP” or “SETUP.EXE” in the CD-ROM window.

   The way file names are displayed differs as described below depending on your computer settings.
   - File extensions (3-letter suffixes indicating the file type) may be shown or hidden. (e.g. Setup.exe or Setup)
   - Text may be shown normally or all in uppercase (e.g. Setup.exe or SETUP).

4. Pre-installation checking begins. If the window shown below appears, follow the instructions in the window.

5. The Setup screen appears. Click the [Next] button.

6. The User License Agreement is displayed. Read the Agreement carefully and then click [Yes] if you accept the terms of the Agreement. Clicking [No] cancels the installation.
5.4 INSTALLATION ON A Windows PC (Hyper-Utility2)

7 The software version is checked. If the window shown at right appears, click the [Next] button to uninstall the software.

8 Hyper-Utility2 is then installed.

9 In Windows 2000 Professional, if the latest version of Windows Media Player is not installed, install Windows Media Player as directed by the on-screen instructions and then restart the PC.

10 In Windows 2000 Professional, if the latest version of DirectX is not installed, install DirectX as directed by the on-screen instructions and then restart the PC.

11 The window shown at right appears. Select “Yes, I want to restart my computer now” and then click the [Finish] button.

12 This completes the entire installation procedure. Remove the CD-ROM from the PC and store it in a safe place.
5.5 INSTALLATION ON A Mac OS X (Hyper-Utility2)

Hardware and software requirements
To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

<table>
<thead>
<tr>
<th>Hardware/Software Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Mac</td>
<td>Power Mac G4 (except for PCI Graphic)/G5, PowerBook G4/MacBook, MacBook Pro/Mac mini</td>
</tr>
<tr>
<td>Operating System</td>
<td>Mac OS X (compatible with version 10.3 to 10.4.6)</td>
</tr>
<tr>
<td>RAM</td>
<td>256 MB minimum (512 MB or more recommended)</td>
</tr>
<tr>
<td>Hard disk space</td>
<td>Amount required for installation: 100 MB minimum Amount required for operation: 1 GB minimum</td>
</tr>
<tr>
<td>Display</td>
<td>1024 × 768 to 3840 × 2400 pixels, Thousands color or higher (1600 × 1200 pixels, Millions Color recommended)</td>
</tr>
<tr>
<td>Sound functions</td>
<td>Speakers</td>
</tr>
<tr>
<td>CD-ROM drive</td>
<td>Required for software installation</td>
</tr>
<tr>
<td>Interface</td>
<td>FireWire 400 (IEEE 1394) interface</td>
</tr>
</tbody>
</table>

1 PowerPC, Intel processor loaded
2 This software will not run correctly in the Mac OS X Classic environment.
3 Sound functions are required to play background music for slide shows.
4 Required to connect the FinePix S2 Pro, FinePix S3 Pro or FinePix S20 Pro and use the Remote Shooting function.

Installing Hyper-Utility2
1 Switch your Macintosh on and start up Mac OS X. Do not launch any other applications.
2 Load the enclosed CD-ROM into the CD-ROM drive. The “HS_V2” window opens.
   ⚠ If the “HS_V2” window does not open automatically, double-click the CD-ROM icon.
3 Double-click “Installer”.
4 A confirmation message appears asking whether you want to continue with the installation. Click the [OK] button.
5 Enter the administrator name and password. Then click the [OK] button.
6 The installer setup window appears.
7 Click the [Continue] button.
6. View Image

6.1 Camera Connection

6.1.1 Using the AC power adapter

Always use a FUJIFILM AC Power Adapter AC-5VX (sold separately) (P. 136).

Use the AC power adapter to prevent losing power at inconvenient times, such as when downloading photographed images to your PC. You can take pictures and play back images without worrying about depleting the batteries.

Only connect or disconnect the AC power adapter when the camera is off. Connecting or disconnecting the AC power adapter while the camera is turned on temporarily interrupts the power supply to the camera, so that images or movies being shot at the time are not recorded. Failing to turn the camera off first can also result in damage to the media or malfunctions during PC connection.

Check that the camera is off. Plug the AC power adapter connector into the “DC IN 5V” socket and then plug the AC power adapter into the power outlet.

- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- The shape of the plug and socket-outlet depends on the country of use.
- See P. 138 for notes on using the AC power adapter.

Do not connect the AC power adapter to charge the AA-size Ni-MH (nickel-metal hydride) batteries. Use the optional charger (P. 136) to charge the Ni-MH batteries.

6.1.2 Connecting to a TV

1. Turn off the camera and TV. Plug the A/V cable (included) into the “A/V OUT” (Audio/Visual output) socket.

- Plug the A/V cable (included) and the AC power adapter correctly and push them in the terminals.
- When there is a power outlet available, connect the AC Power Adapter AC-5VX.

2. Plug the other end of the cable into the audio / video input socket on the TV. Then turn the camera and TV on and take pictures or play back images normally.

- When connecting the A/V cable to TV, the camera’s screen is turned off.
- Refer to the instructions provided with your TV for more information on audio/video input for your TV.
- The image quality for movie playback is lower than for still images.

8 The Software User License Agreement is displayed.
Read the Agreement carefully. If you accept the terms of the Agreement, click the [Agree] button.
Clicking [Disagree] cancels the installation.

9 Click the [OK] button as directed by the on-screen instructions. The software is installed in the HyperUtility folder inside the application folder on the startup volume. Remove the CD-ROM from the PC and store it in a safe place.

5.5 Installation on a Mac OS X (Hyper-Utility2)

The Software User License Agreement is displayed.
Read the Agreement carefully. If you accept the terms of the Agreement, click the [Agree] button.
Clicking [Disagree] cancels the installation.
When a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a PC. In PictBridge function, images photographed on other than a camera may not be printed.

6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER — PictBridge FUNCTION

6.2.1 Specifying images for printing on the camera

1. Set the Power switch to “ON” to turn the camera on.
2. Select “PICTBRIDGE” in “USB MODE” in the “SET-UP” menu (P.100).
3. Set the Power switch to “OFF” to turn the camera off.

Do not connect to a PC when the “USB MODE” setting is set to “PICTBRIDGE”. See P.146 if you connect to a PC by mistake.

2. Connect the camera to the printer using the USB cable (mini-B).
3. Turn the printer on.

The camera cannot be used to specify printer settings such as the paper size and print quality.
Please connect the AC Power Adapter AC-5VX (sold separately) to your camera.
Use a media that was formatted on FinePix S9100 / FinePix S9600.

Set the Power switch to “ON”. “CHECKING USB” appears and then the menu is displayed on the screen.

If the menu does not appear, check whether the “USB MODE” setting is “PICTBRIDGE”.
Depending on the printer, some functions are disabled.

4. Press “a” or “b” to select “PRINT DPOF”.
5. Press “c”.

When [NOT SET DPOF] appears, the DPOF settings are not specified.
To use DPOF printing, the DPOF settings must be specified on FinePix S9100 / FinePix S9600 beforehand (P.79).
Even when “WITH DATE” is specified in the DPOF settings, the date is not inserted on printers that do not support date printing.

*PRINT DPOF OK?” appears on the screen. Press the “MENU/OK” button to begin printing.

The specified frames (files) are printed continuously.

6. Press the “DISP.BACK” button to cancel the printing. Depending on the printer, the printing may not be canceled immediately or printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.
### 6.2.2 Specifying images for printing without using DPOF (single-frame printing)

1. Set the Power switch to “I” to turn the camera on.
2. Select “PICTBRIDGE” in “USB MODE” in the “SET-UP” menu (P.100).
3. Set the Power switch to “OFF” to turn the camera off.

● Do not connect to a PC when the “USB MODE” setting is set to “PICTBRIDGE.” See P.146 if you connect to a PC by mistake.

2. Connect the camera to the printer using the USB cable (mini-B).
3. Turn the printer on.

The camera cannot be used to specify printer settings such as the paper size and print quality.

Please connect the AC Power Adapter AC-5VX (sold separately) to your camera.

Use a media that was formatted on FinePix S9100 / FinePix S9600.

Set the Power switch to “I”.

“CHECKING USB” appears and then the menu is displayed on the screen.

● If the menu does not appear, check whether the “USB MODE” setting is “PICTBRIDGE”.

Depending on the printer, some functions are disabled.

4. Press “A” or “B” to select “PRINT WITH DATE” or “PRINT WITHOUT DATE”. If “PRINT WITH DATE” is selected, the date is imprinted on your prints.
5. Press “C”.

“PRINT WITH DATE” is not available when the camera is connected to a printer that does not support date printing.

### 6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER — PictBridge FUNCTION

1. Press “D” or “E” to display the frame (file) for which you want to specify PRINT settings.
2. Press “A” or “B” to set a value up to 99 as the number of copies of the frame (file) to be printed.

For frames (files) that you do not want printed, set the number of prints to 0 (zero).

To specify more PRINT settings, repeat steps 1 and 2.

3. Always press the “MENU/OK” button after the settings are completed.

4. Press the “DISP/BACK” button to cancel the printing.

Depending on the printer, the printing may not be canceled immediately or printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.

- Disconnecting the printer

1. Check that “PRINTING” is not displayed on the camera’s screen.
2. Turn the camera off. Unplug the USB cable (mini-B).
6.3 CONNECTING TO A PC

6.3.1 Connecting to a PC

The “Connecting to a PC” section explains how to connect the camera to your PC using the USB cable (mini-B) and describes the functions you can use once the camera and PC are connected.

If the power cuts out during data transmission, the data will not be transmitted correctly. Always use the AC power adapter when connecting the camera to a PC.

Refer to Section 5 the first time you connect the camera to your PC. Install the software first. Do not connect the camera to the PC before installing all the software.

CD-ROM
SOFTWARE FOR FINEPIX CX

DSC (Mass storage device) mode

This mode provides a simple way to read images from a media and store images onto a media.

1. Insert the media into the camera.

2. Set the Power switch to “II” to turn the camera on.

3. Select “DSC” in “USB MODE” in the “SET-UP” menu (➡P.100).

4. Turn the camera off.

5. Use the AC Power Adapter AC-5VX (sold separately) for the connection (➡P.121). If shutting off power supply during communication, the files on the media may be damaged.

When the camera and PC are exchanging data, the indicator lamp blinks orange.

“DSC” appears on the screen.

Auto power off is disabled during USB connection.

Before replacing the media, always disconnect the camera from the PC. See P.129 for information on the disconnection procedure.

Do not disconnect the USB cable (mini-B) when the camera is communicating with a PC. See P.129 for information on the disconnection procedure.

When displaying [COMMUNICATION ERROR]

If “CHECKING USB” appears and then [COMMUNICATION ERROR] is displayed on the screen, “DSC” (DSC mode) is not selected in “USB MODE.” Disconnect the USB cable (mini-B) to the camera and restart the procedure from step 1.

If inserting an xD-Picture Card and a CF/Microdrive into the camera at the same time, images will be recorded onto the media selected as the “MEDIA” (➡P.100).
5 Set a PC

Windows 98 SE / Me / 2000 Professional / Macintosh

When the “It is now safe to disconnect the camera” message appears, click the [OK] button and disconnect the camera.

Set the Power switch to “OFF” to turn the camera off.

6.3 CONNECTING TO A PC

6.3.2 Disconnecting the camera

1 Windows

Once the image has been saved, the window below appears (Save Image Wizard Windows). To disconnect the camera, click the [Remove] button.

Macintosh

Once the image has been saved, the window below appears. To disconnect the camera, click the [OK] button.

Windows XP

1 The “Found New Hardware” help message appears in the bottom-right corner of your screen. This message will close when the settings are completed. No action is required.

2 A new removable disk icon appears in the “My Computer” window. FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images. To proceed without saving the images, click the [Cancel] button.

Windows 98 SE / Me / 2000 Professional / Macintosh

A removable disk icon appears and you can use your PC to transfer files to and from the camera.

If the above operations do not occur, you do not have the required software programs or drivers installed on your PC. Complete the required PC setup procedures. Then reconnect the camera to your PC.

Windows XP

● The next time you connect the camera, the removable disk drive icon’s name changes to the “FinePix” icon and name.

Proceed to “USING FinePixViewer” on P.130.
6.4 USING FinePixViewer

6.4.1 Mastering FinePixViewer

For all information on FinePixViewer functions, refer to “How to Use FinePixViewer” in the Help menu for details.

What is explained in “How to Use FinePixViewer”...
“How to Use FinePixViewer” covers a range of topics, including batch processing and ordering prints.

Example: Looking up slide shows

① Click “How to Use FinePixViewer” in the FinePixViewer Help menu.
② Click “Basic Operation” and then click “Slide Show” in the menu that appears.
③ The “Slide Show” information appears. Press the “<<<” key to view the previous page or the “>>>” key to view the next page.

6.4.2 Uninstalling the software

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

Windows

① Check that the camera is not connected to the PC.
② Quit all currently running applications.
③ Open the “My Computer” window. Then open the “Control Panel” and double-click on “Add/Remove Programs”.
④ The “Add/Remove Programs Properties” window appears. Select the software to be uninstalled (FinePixViewer or the driver) and then click the [Add/Remove] button.

Macintosh

Uninstalling FinePixViewer

Quit FinePixViewer. Then drag the installed FinePixViewer folder to the Trash and select “Empty Trash” in the “Finder” menu.

When the message appears, click the [OK] button. Check your selection carefully since the process cannot be canceled once you click the [OK] button.

Automatic uninstallation begins.
When uninstallation ends, click the [OK] button.
6.5 USING Hyper-Utility2

Launching Hyper-Utility2

Use the procedure below to launch Hyper-Utility2.

Windows

- Double-click the [Hyper-Utility2] icon on the desktop.

- In the “Start” menu, click “All Programs” → “Hyper-Utility2”.

Mac OS X

Double-click the [Hyper-Utility2] icon.

- In Mac OS X, specifying the use of ColorSync will slow down image display.

6.5.1 USING Hyper-Utility2

Using the Online Help

The Online Help provides additional information on Hyper-Utility2 functions that is not included in this Installation Guide.

To Read “Hyper-Utility2 Help”

The version of browser provided with your operating system is required to view the Hyper-Utility2 Help.

To view the Online Help

1.

Click [How to Use Hyper-Utility2 (Hyper-Utility2 Help)] in the Help menu.

2.

The Internet browser software starts up and displays the Help.

3.

Click the topic you want to view in the menu on the left.
6.5 USING Hyper-Utility2

Uninstalling Hyper-Utility2
Only perform this operation when you no longer require the installed Hyper-Utility2.

Windows
1 Switch on your PC.
2 Disconnect the camera.
3 Quit all currently running applications.
   ● If the camera is connected, disconnect it. Refer to the Owner's Manual for your camera for information on disconnecting the camera.
4 Close all files.
   ● If the Hyper-Utility Software HS-V2 CD-ROM is loaded in the CD-ROM drive, remove the CD-ROM.
5 Open the “My Computer” window, open the “Control Panel”, and double-click “Add or Remove Programs”.
6 The “Add or Remove Programs” Properties window opens. Select “FUJIFILM Hyper-Utility Software” and click the [Change/Remove] button.
7 Automatic uninstallation begins.

Mac OS X
Hyper-Utility2 cannot be deleted in Mac OS X.

System Expansion Options
By using the FinePix S9100 / FinePix S9600 together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses. Accessory availability may vary by country. Please check with your local Fujifilm representative to confirm product availability.

Image input / output to the PC
- FinePix S9100
- FinePix S9600
- Digital Camera
- USB
- xD-Picture Card
- Image Memory Card Reader DPC-R1 (commercially available)
- CF / Microdrive (commercially available)
- PC Card Adapter (PC card slot)
- PC Card Adapter DPC-AD (PC card slot)
- CompactFlash™ Card Adapter DPC-CF (CF card slot)

Print creation
- FinePix S9100
- FinePix S9600
- Digital Camera
- USB
- xD-Picture Card
- Personal Computer (commercially available)
- USB
- PictBridge
- Digital Photo Printer CX-550

Audio / Visual output
- FinePix S9100
- FinePix S9600
- Digital Camera
- USB
- Audio / Visual output
- Personal Computer (commercially available)
- PictBridge
- TV monitor (commercially available)
Accessories Guide

- Visit the FUJIFILM web site for the latest information on camera accessories. 

Accessory availability may vary by country. Please check with your local Fujifilm representative to confirm product availability.

**x-D-Picture Card**

- Use the following x-D-Picture Cards: 16MB/32MB/64MB/128MB/256MB/512MB/1GB/2GB
- There are two types of x-D-Picture Card: standard type and Type M (containing “M” in the model number, such as DPC-M1GB).
- FinePix S9100 / FinePix S9600 is compatible with Type M, however they may not be compatible depending on the device used (Image Memory Card Reader, etc.).

**AC Power Adapter AC-5VX**

- Use the AC-5VX when taking pictures or play back images for long periods or when the FinePix S9100 / FinePix S9600 is connected to a PC.
- The shape of the AC power adapter, the plug and socket outlet depend on the country.

**Fujifilm Rechargeable Battery 2HR-3UF**

- The 2HR-3UF includes 2 pieces of high-capacity AA-size Ni-MH (nickel-metal hydride) batteries.

**Fujifilm Battery Charger with Battery BK-NH2**

- This is a special case made of polyester that protects the camera against soil, dust and minor impacts when it is being carried.
- It is recommended to carry AA-size Ni-MH batteries in this case.

**Wide Conversion Lens WL-FX56**

- This accessory converts the focal length of your lens by 0.8 times (equal to a 30 mm wide-angle lens) without changing its F-stop value.
- Wide conversion lens specifications
  - Magnification: ×0.8
  - Lens configuration: 3 lenses in 3 groups
  - Focal length range: 40 cm (1.3 ft.) to infinity
  - Dimensions: ø95 mm (3.7 in.) / L37.5 mm (1.5 in.)
  - Weight: approx. 214 g (7.5 oz.)

**Image Memory Card Reader DPC-R1**

- The DPC-R1 provides a quick and easy way to transfer images back and forth between your PC and an image memory card (x-D-Picture Card and SmartMedia).
- The DPC-R1 uses the USB interface for highspeed file transfer.
- Compatible with x-D-Picture Card of 16 MB to 512 MB, and SmartMedia of 3.3 V, 4 MB to 128 MB.

**PC Card Adapter DPC-AD**

- The PC Card Adapter allows the x-D-Picture Card and SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type II).
- Compatible with x-D-Picture Card of 16 MB to 512 MB, and SmartMedia of 3.3 V, 2 MB to 128 MB.

**CompactFlash™ Card Adapter DPC-CF**

- Loading an x-D-Picture Card into this adapter allows you to use the card as a CompactFlash card (Type I).

**Damage by Water or Sand**

- The FinePix S9100 / FinePix S9600 can be damaged when it is exposed to water or sand. To prevent this, use the optional soft case or battery charger.
- Use the optional dust blower to remove any dust from the lens, image memory card or LCD monitor.

**Power Supply and Batteries**

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**Using Your Camera Correctly**

- Read this information and the “Safety Notes” (P.160), to make sure you use your camera correctly.
- **Places to Avoid**
  - Do not store or use the camera in the following types of locations:
  - In the rain or in 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 with strong vibration
  - Places with smoke or steam
  - Places subject to strong magnetic fields (such as near motors, transformers or magnets)
  - In contact with chemicals such as pesticides
  - Next to rubber or vinyl products

- **Damage by Condensation**
  - If the camera is carried from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, turn the camera off and wait an hour before using the camera. Condensation may also form on the media. In this event, remove the media and wait a short time.

- **When the Camera is Not Used or is stored**
  - Periods of Time
  - If you do not intend to use the camera for a long period of time, remove the batteries and the media.

- **Cleaning Your Camera**
  - Use a blower brush to remove any dust on the lens, LCD monitor, viewfinder or external AF sensor, and gently wipe the camera with a soft, dry cloth. If any soil remains, apply a small amount of cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
  - Do not scratch hard objects against the lens, LCD monitor or viewfinder.
  - Clean the body of the camera with a soft, dry cloth. Do not use volatile substances or cleaning products. These items can cause damage.

- **Using the Camera When Traveling**
  - When traveling overseas, do not place your camera in the check-in baggage. Baggage can be subjected to violent shocks, and the camera may be damaged inside or outside.

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**Applicable Batteries**

- In the camera, use AA-size alkaline or Ni-MH (nickel-metal hydride) rechargeable batteries.
- Do not use AA-size manganese or nickel-cadmium (Ni-Cd) batteries in your FinePix S9100 / FinePix S9600 because the heat created by the batteries could damage the camera or cause it not to work.
- The life of alkaline batteries varies between brands. The life of batteries you purchase may be shorter than those provided with the 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 batteries with metal objects such as necklaces or hairpins.
- Do not expose the batteries to water, and keep batteries from getting wet or stored in moist locations.
- Do not attempt to take apart or change the batteries, including battery casings.
- Do not store batteries in warm or humid places.
- Keep the batteries out of reach of babies and small children.
- Make sure that the battery polarity (+ and −) is correct.

- Do not use new with used batteries. Do not use charged and discharged batteries together.
- Do not use different types or brands of batteries at the same time.
- If you do not intend to use the camera for a long period of time, remove the batteries from the camera. Not keeping the batteries removed, the time and date settings are cleared.
- The batteries feel warm right after being used. Before removing the batteries, turn the camera off, wait for the batteries to cool down.
- Since batteries do not work well in cold weather or locations, warm the batteries by placing them inside your garments before use. Batteries do not work well when cold. They will work again when the temperature returns to normal.
- Do not scratch hard objects against the lens, LCD monitor or viewfinder.
- Do not store batteries in damp or dusty places. Do not store batteries with metal objects such as necklaces or hairpins.
- Do not expose batteries to water, and keep batteries from getting wet or stored in moist locations.
- Do not attempt to take apart or change the batteries, including battery casings.
- Do not store batteries in warm or humid places.
- Keep the batteries out of reach of babies and small children.
- Make sure that the battery polarity (+ and −) is correct.
Power Supply and Batteries

Using the AA-size Ni-MH batteries correctly
- As a power source in digital cameras, AA-size Ni-MH batteries (referred to hereafter as Ni-MH batteries) are superior to alkaline batteries in several ways, such as allowing more shots to be taken with the camera. However, care must be taken with the way Ni-MH batteries are used if their original performance is to be maintained.
- Ni-MH batteries left unused in storage for long periods can become “deactivated”. Also, repeatedly charging Ni-MH batteries that are only partially discharged can cause them to suffer from the “memory effect”.
- Ni-MH batteries that are “deactivated” or affected by “memory” suffer from the problem of only providing power for a short time after being charged. To prevent this problem, discharge and recharge them several times using the camera’s “Discharging rechargeable batteries” function. By repeating this cycle several times, the temporary reduction in performance caused by “memory” or “deactivation” can be remedied and the batteries can be restored to their original performance levels.
- Deactivation and memory are specific to Ni-MH batteries and are not in fact battery faults. See P.139 for the procedure for “Discharging rechargeable batteries”.

Do not use the “Discharging rechargeable batteries” function when alkaline batteries are used.
- To charge Ni-MH batteries, use the quick battery charger (sold separately). Refer to the instructions supplied with the charger to make sure that the charger is used correctly.
- Do not use the battery charger to charge other batteries.
- Note that the batteries feel warm after being charged.
- Due to the way the camera is constructed, a small amount of current is used even when the camera is turned off. Note in particular that leaving Ni-MH batteries in the camera for a long period will overdischarge the batteries and may render them unusable even after recharging.
- Ni-MH batteries will self-discharge even when not used, and the time for which they can be used may be shortened as a result.
- Ni-MH batteries will deteriorate rapidly if overdischarged (e.g. by discharging the batteries in a flashlight). Use the “Discharging rechargeable batteries” function provided in the camera to discharge the batteries.
- Ni-MH batteries have a limited service life. If a battery can only be used for a short time even after repeated discharge-charge cycles, it may have reached the end of its service life.

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

AC Power Adapter
- Always use the AC Power Adapter AC-SVX with the camera.
- The use of an AC Power Adapter other than AC-SVX can be damaged to your digital camera.
- Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
- Turn off the FUJIFILM Digital camera before disconnecting the cord from the FUJIFILM Digital camera’s DC input terminal. To disconnect, pull out the plug gently. Do not pull on the cord.
- Do not use the AC power adapter with any device other than your camera.
- During use, the AC power adapter will become hot to the touch. This is normal.
- Do not take apart the AC power adapter. Doing so could be dangerous.
- Do not use the AC power adapter in a hot and humid place.
- Do not subject the AC power adapter to strong shocks.
- The AC power adapter may emit a humming. This is normal.
- Do not use the AC power adapter with Ni-MH batteries.

Discharging rechargeable batteries
The “Discharging rechargeable batteries” function can only be used with Ni-MH batteries.
- The “Discharging rechargeable batteries” function should not be used with alkaline batteries as it will completely drain the battery charge.

Use the “Discharging rechargeable batteries” function in the following situations:
- When the batteries only last for a short time after being charged normally
- When the batteries have not been used for a long period
- When you purchase new Ni-MH batteries

Set the Power switch to “W”.
Press the “MENU/OK” button to display the menu on the screen.

Do not use the procedure for discharging rechargeable batteries with alkaline batteries.

Press “A” or “V” to select “SET-UP”.
Press “●”.

Continued
**Power Supply and Batteries**

1. Press "▲" to move to page number.
2. Press "▲" or "▼" to select "PAGE 4".

**Notes on the Media**

### Image Memory Card
- This Image Memory Card is a new image recording media (xD-Picture Card) developed for digital cameras. The Image Memory Card consists of a semiconductor memory (NAND-type flash memory) to record digital image data.
- The recording process is electrically performed and enables erasure of existing image data as well as recording of new image data.
- When using a new Memory Card, or a Memory Card that has been formatted by a PC, be sure to format the card with your digital camera before using it.

#### Microdrives
- Microdrives are compact, lightweight hard disk drives that conform to the CF+ Type II standard. Due to their ample capacity for large image data files and their low per-megabyte recording cost, Microdrives provide a more economical way to save high-resolution image files.

#### Protecting Your Data
- Images and movies may be lost or destroyed in the following situations. Please note that FUJIFILM assumes no responsibility for data that is lost or destroyed.
  - 1. Removal of the memory card or turning the power off while the memory card is being accessed (i.e., during record, erase, initialization, and playback operations).
  - 2. Improper handling and use of the memory card by the user or third party.
- Save your important data to another media (i.e., MO disk, CD-R, hard disk, etc.).

#### Handling Media (all types)
- When inserting the media into the camera, hold the media straight as you push it in.
- Never remove the media or turn the camera off during data recording or erasing (media formatting) as this could be damaged to the media.
- Do not bend, drop or otherwise subject the media to strong force or shocks.
- Do not use or store these media in places with affected by strong static electricity or electrical noise.
- Do not use or store media in hot humid places or in places where they are exposed to corrosive substances.

#### Handling xD-Picture Card
- When storing xD-Picture Cards, make sure that they are kept out of the reach of children. An xD-Picture Card could be swallowed cause suffocation. If a child swallows an xD-Picture Card, seek medical attention or call emergency number right away.
- Do not expose an xD-Picture Card to shock. Do not apply pressure, and avoid bending.
- Do not use the xD-Picture Card in a hot or humid place.
- Clean the xD-Picture Card with a soft dry piece of cloth when dirty.
- When carrying or storing an xD-Picture Card, keep it in the special protective case. The xD-Picture Card will work well for long time, but will sooner or later lose its ability to store and play back images or movies. If this happens replace it with a new xD-Picture Card.
- Do not peel off the Microdrive label. Peel off the label, the card may feel warm when it is removed from the camera after taking pictures. This is normal.
- Do not put labels on the xD-Picture Card. Peeling labels can cause the camera not to work properly.

### Using Microdrive
- Do not use hand-pointed pens to write on the Microdrive label.
- Do not peel off the Microdrive label.
- Do not stick additional labels onto a Microdrive.
- Do not carry or store a Microdrive, keep it in the protective case provided. Microdrives contain electrically operated components that may be damaged by static electricity or electrical noise.
- Keep Microdrives clean.
- Do not apply strong pressure to the Microdrive cover.

### Using Compact Flash
- Contact the CompactFlash card manufacturer for information on the CompactFlash functions, operation details and system requirements.
- The CompactFlash card may be hot immediately after being used in the camera and should be handled carefully.
- Do not touch the card contact area with your fingers or metal objects.
- Unused CompactFlash cards should be formatted before being used.

### Using media with a PC
- When taking pictures using a media that has been used on a PC, reformat the media using your camera for best quality.
- When formatting a media, a directory (folder) is created. Image data is then recorded in this directory.
- Do not change or delete the directory (folder) or file names on the media because this will make it impossible to use the media in your camera.
- Always use the camera to erase image data on a media.
- To edit image data, copy the image data to the PC and edit the copy.

### Specifications
- **Type**  Image memory card for digital cameras (xD-Picture Card)
- **Memory type** NAND-type flash memory
- **Conditions for use**
  - Temperature: 0°C to +40°C (+32°F to +104°F)
  - Humidity: 80% max. (no condensation)
  - Dimensions: 25 mm × 22 mm × 0.98 mm, (0.98 in. × 0.79 in. × 0.03 in.)
Warning Displays

The table below lists the warnings that are displayed on the screen.

<table>
<thead>
<tr>
<th>Warning Displayed</th>
<th>Explanation</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Lit red] (Lit red) ![Blinking red] (Blinking red)</td>
<td>The camera batteries are low or completely out of charge.</td>
<td>Load new or fully charged batteries.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>There is a strong likelihood of camera shake because the shutter speed is slow.</td>
<td>Use flash photography. However, use a tripod for some scenes and modes.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>The AF (autofocus) cannot work effectively.</td>
<td>If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. Use AF lock to take the picture. Select Macro mode when taking close-up shots.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Aperture/Shutter speed display is outside the AE continuous range.</td>
<td>The picture can be taken, but the correct brightness (exposure) will not be obtained.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Focus error</td>
<td>Turn the camera on again, taking care not to touch the lens. Turn the camera off and on again. If the message still appears, contact your FUJIFILM dealer.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Zoom error</td>
<td>Use flash photography. However, use a tripod for some scenes and modes.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>No card error</td>
<td>Insert a media.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Card not initialized error</td>
<td>Format the media on the camera. Format the xD-Picture Card. If the message still appears, replace the xD-Picture Card. Contact your FUJIFILM dealer.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Card error</td>
<td>Wipe the contact area on the xD-Picture Card with a soft dry cloth. It may be necessary to format the xD-Picture Card. If the message still appears, replace the xD-Picture Card. Contact your FUJIFILM dealer.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Card full error</td>
<td>Erase some images or use a media that has ample free space.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Write error</td>
<td>Re-insert the media or turn the camera off and then on again. If the message still appears, contact your FUJIFILM dealer. Use a new media. Format the xD-Picture Card on the camera (P. 104).</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Busy error</td>
<td>Use a media that was formatted on the camera.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Frame number full error</td>
<td>Insert a formatted media into the camera. Set &quot;RENEW&quot; as the FRAME NO. setting in the &quot;SET-UP&quot; menu. Start taking pictures (The frame number starts from &quot;100-0001&quot;). Set &quot;CONT.&quot; as the FRAME NO. setting in the &quot;SET-UP&quot; menu.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Read error</td>
<td>Images cannot be played back. Wipe the contact area on the xD-Picture Card with a soft dry cloth. It may be necessary to format the xD-Picture Card. If the message still appears, replace the xD-Picture Card. Contact your FUJIFILM dealer. Movies and images cannot be played back.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Too many frames error</td>
<td>An attempt was made to show 5,000 or more images by date sorting. No more than 4,999 images can be shown by date sorting.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Warning Displayed</th>
<th>Explanation</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Protected frame error</td>
<td>A protected file was encountered. An attempt was made to add a voice memo to protected file. An attempt was made to rotate a protected file.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Error</td>
<td>The voice memo file is faulty.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Can not trim</td>
<td>An attempt was made to trim a 0.3M image or an image shot with the RAW setting.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Can not set DPOF</td>
<td>An attempt was made to specify DPOF settings for an image that is not supported by DPOF.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Can not rotate</td>
<td>An attempt was made to rotate a movie.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Communication error</td>
<td>The camera is not connected to a PC or printer. Check that the USB cable (mini-B) is connected correctly. Check that your printer is turned on.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Printer error</td>
<td>Displayed for Pictbridge. Check that the printer is not out of paper or out of ink. Turn the printer off briefly and then turn it back on. Refer to the user manual supplied with your printer.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Printer error resume?</td>
<td>Displayed for Pictbridge. Check that the printer is not out of paper or out of ink. Printing automatically restarts when the error is cleared. If the message still appears after checking, press the &quot;MENÚ/OK&quot; button to restart printing.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Cannot be printed</td>
<td>Displayed for Pictbridge. Refer to the user manual for the printer being used and check whether the printer supports the JFIF-JPEG or Exif-JPEG image format. If not, the printer cannot print the images. Movies and images with CCD-RAW cannot be printed. Was the image data photographed using FinePix S9100 / FinePix S9600? You may not be able to print some images photographed on other cameras.</td>
</tr>
<tr>
<td>![Lit red] (Lit red)</td>
<td>Printing</td>
<td>Displayed for Pictbridge. This message appears when printing is performed from a FUJIFILM printer that supports Pictbridge. Refer to the Owner's Manual for the printer for details.</td>
</tr>
</tbody>
</table>
Warning Displayed | Explanation | Remedy
--- | --- | ---
MICRODRIVE IS OVERHEATING MOVIE RECORDING WILL AUTOMATICALLY STOP SOON | An attempt was made to shoot a movie when the Microdrive was too hot. | Turn the camera off and stop using it for about 30 minutes until it has cooled down. Note that you can shoot still images during this period.

MOVIE RECORDING HAS STOPPED CANNOT RESTART A WHILE | The Microdrive is too hot. | An attempt was made to shoot a movie can shoot still images during this period. Minutes until it has cooled down. Note that you can

--- | --- | ---

Troubleshooting

If you think the camera is faulty, check the following once more.

**Troubleshooting**

<table>
<thead>
<tr>
<th>Troubleshooting</th>
<th>Possible causes</th>
<th>Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power.</td>
<td>• The batteries have run out.</td>
<td>• Load new or fully charged batteries.</td>
</tr>
<tr>
<td></td>
<td>• The AC power adapter plug has come out of the power outlet.</td>
<td>• Plug the adapter back in.</td>
</tr>
<tr>
<td></td>
<td>• The batteries are loaded backwards.</td>
<td>• Load the batteries in the correct direction.</td>
</tr>
<tr>
<td></td>
<td>• The battery cover is not closed correctly.</td>
<td>• Close the battery cover correctly.</td>
</tr>
<tr>
<td></td>
<td>• The camera has been left for a long period with batteries and AC power adapter removed.</td>
<td>• Load the batteries or connect the AC power adapter, and wait a short time before turning the camera on.</td>
</tr>
<tr>
<td>Power cuts out during operation.</td>
<td>The batteries have run out.</td>
<td>Load new or fully charged batteries.</td>
</tr>
<tr>
<td>Batteries run out quickly.</td>
<td>• Camera is being used in extremely cold conditions.</td>
<td>• Put the batteries in your pocket or another warm place to heat them and then load them into the camera just before you take a picture.</td>
</tr>
<tr>
<td></td>
<td>• The terminals are soiled.</td>
<td>• Wipe the battery terminals with a clean, dry cloth.</td>
</tr>
<tr>
<td></td>
<td>• The batteries can no longer be recharged.</td>
<td>• Load new or fully charged batteries.</td>
</tr>
<tr>
<td></td>
<td>• The rechargeable batteries (if used) have become deactivated, or the battery capacity has diminished due to the memory effect.</td>
<td>• Use the rechargeable battery discharging function to restore the rechargeable batteries to full capacity.</td>
</tr>
<tr>
<td>No photograph is taken when pressing the shutter button.</td>
<td>• No media is inserted.</td>
<td>• Insert a media.</td>
</tr>
<tr>
<td></td>
<td>• The media is full.</td>
<td>• Insert a new media or erase some unwanted frames.</td>
</tr>
<tr>
<td></td>
<td>• The media is not formatted.</td>
<td>• Format the media on the camera.</td>
</tr>
<tr>
<td></td>
<td>• The xD-Picture Card contact area is soiled.</td>
<td>• Wipe the xD-Picture Card contact area with a clean, dry cloth.</td>
</tr>
<tr>
<td></td>
<td>• The media is damaged.</td>
<td>• Insert a new media.</td>
</tr>
<tr>
<td></td>
<td>• The batteries have run out.</td>
<td>• Load new or fully charged batteries.</td>
</tr>
<tr>
<td>Focusing is slow.</td>
<td>The external AF sensor is dirty.</td>
<td>Use a blower brush to brush away any dust and then gently wipe the sensor with a soft, dry cloth.</td>
</tr>
<tr>
<td>Cannot set the camera to Macro (close-up) mode.</td>
<td>Photography mode is set to “180°”, “45°”, “P”, “S”, “A” or “M”.</td>
<td>Change the Photography mode to “180°”, “45°”, “P”, “S”, “A” or “M”.</td>
</tr>
<tr>
<td>Cannot select continuous shooting.</td>
<td>Multiple exposure mode is selected.</td>
<td>Set multiple exposure mode to “OFF”.</td>
</tr>
<tr>
<td>Cannot set exposure compensation.</td>
<td>The Mode dial is set to “180°”, “45°”, “P”, “S”, “A” or “M”.</td>
<td>Change the Photography mode.</td>
</tr>
<tr>
<td>Cannot use the flash.</td>
<td>The shutter button was pressed while the flash was charging.</td>
<td>• Wait until the charging is completed before pressing the shutter button.</td>
</tr>
<tr>
<td></td>
<td>The flash is not popped up.</td>
<td>• Pop up the flash.</td>
</tr>
<tr>
<td></td>
<td>The batteries have run out.</td>
<td>• Load new or fully charged batteries.</td>
</tr>
<tr>
<td></td>
<td>The camera is set to “45°” or “180°” in Photography mode.</td>
<td>• Change the Photography mode.</td>
</tr>
<tr>
<td></td>
<td>Continuous shooting is selected.</td>
<td>• Set continuous shooting to “OFF”.</td>
</tr>
<tr>
<td></td>
<td>Super macro mode is selected.</td>
<td>• Cancel Super macro mode.</td>
</tr>
<tr>
<td>The flash settings are restricted and cannot be selected.</td>
<td>The Photography mode is set to “180°”, “45°”, “P”, “S”, “A” or “M”.</td>
<td>The flash settings are restricted because the camera settings are tailored to the scene being shot. Change the Photography mode for a wider range of flash settings.</td>
</tr>
<tr>
<td>The playback image is dark even though the flash was used.</td>
<td>The subject is too far away.</td>
<td>• Move to within the effective flash range before taking the picture.</td>
</tr>
<tr>
<td></td>
<td>Your finger was covering the flash.</td>
<td>• Hold the camera correctly.</td>
</tr>
<tr>
<td>The image is blurred.</td>
<td>The lens is dirty.</td>
<td>• Clean the lens.</td>
</tr>
<tr>
<td></td>
<td>You photographed scenery with Macro mode selected.</td>
<td>• Cancel Macro mode.</td>
</tr>
<tr>
<td></td>
<td>You took a close-up shot without selecting Macro mode.</td>
<td>• Select Macro mode.</td>
</tr>
<tr>
<td></td>
<td>You are shooting a subject that is not suited to autofocus.</td>
<td>• Use AF/AE lock or “MF” Manual focus mode to take the picture.</td>
</tr>
<tr>
<td>There is speckling on the image.</td>
<td>The picture was taken with a slow shutter speed (long exposure) in a high-temperature environment.</td>
<td>This is a characteristic of CCDs and does not indicate a camera fault.</td>
</tr>
</tbody>
</table>

Troubleshooting Possible causes Solutions

No power.
- The batteries have run out.
- The AC power adapter plug has come out of the power outlet.
- The batteries are loaded backwards.
- The battery cover is not closed correctly.
- The camera has been left for a long period with batteries and AC power adapter removed.

Power cuts out during operation.
- The batteries have run out.

Batteries run out quickly.
- Camera is being used in extremely cold conditions.
- The terminals are soiled.
- The batteries can no longer be recharged.
- The rechargeable batteries (if used) have become deactivated, or the battery capacity has diminished due to the memory effect.
- The xD-Picture Card contact area is soiled.
- The media is damaged.
- The batteries have run out.

No photograph is taken when pressing the shutter button.
- No media is inserted.
- The media is full.
- The media is not formatted.
- The xD-Picture Card contact area is soiled.
- The media is damaged.
- The batteries have run out.

Focusing is slow.
- The external AF sensor is dirty.

Cannot set the camera to Macro (close-up) mode.
- Photography mode is set to “180°”, “45°”, “P”, “S”, “A” or “M”.

Cannot select continuous shooting.
- Multiple exposure mode is selected.

Cannot set exposure compensation.
- The Mode dial is set to “180°”, “45°”, “P”, “S”, “A” or “M”.

Cannot use the flash.
- The shutter button was pressed while the flash was charging.
- The flash is not popped up.
- The batteries have run out.
- The camera is set to “45°” or “180°” in Photography mode.
- Continuous shooting is selected.
- Super macro mode is selected.

The flash settings are restricted and cannot be selected.
- The Photography mode is set to “180°”, “45°”, “P”, “S”, “A” or “M”.

The playback image is dark even though the flash was used.
- The subject is too far away.
- Your finger was covering the flash.

The image is blurred.
- The lens is dirty.
- You photographed scenery with Macro mode selected.
- You took a close-up shot without selecting Macro mode.
- You are shooting a subject that is not suited to autofocus.

There is speckling on the image.
- The picture was taken with a slow shutter speed (long exposure) in a high-temperature environment.

This is a characteristic of CCDs and does not indicate a camera fault.
Troubleshooting Possible causes Solutions

The camera does not emit any sound.
• The volume is set too low.
• The microphone was blocked during shooting/recording.
• There is something covering the speaker during playback.
• Adjust the volume.
• Take care not to block the microphone during shooting/recording.
• Make sure that the speaker is uncovered.

Frame erase does not erase the frame.
Some frames may be protected.
Unprotect frames using the camera on which the protection was first applied.

The ERASE ALL function does not erase all the frames.

Screens are not displayed in English.
A language other than English is selected in the "SET-UP menu.
Press the "MENU/OK" button to display the menu.

There is no image or sound on the TV.
• The included A/V cable was connected during movie playback.
• The camera is not connected to the TV correctly.
• TV" is selected as the TV input.
• "TV" is selected in the "video output setting is incorrect.
• The TV input to "VIDEO".
• Change the setting to "NTSC" or "PAL".
• Adjust the volume.

The TV image is black and white.
The "video output setting is incorrect.
Change the setting to "NTSC" or "PAL".

When connecting the camera to a PC, the photographed image or playback image appears on the camera's screen.
The USB cable (mini-B) is not correctly connected to the PC or camera.
• Set up the camera, and connect the USB cable (mini-B) correctly.
• Turn the PC on.

Nothing happens when using the Mode dial.
• Camera malfunction.
• Briefly remove the batteries or disconnect the AC power adapter and try again.
• Load new or fully charged batteries.

The camera no longer works correctly.
The camera has suffered an unforeseen problem.
Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again. If you think the camera is faulty, contact your FUJIFILM dealer.

Cannot print with PictBridge.
• The camera was not selected in the "USB mode in the "SET-UP menu.
Select "USB" PICTBRIDGE in the "USB mode in the "SET-UP menu.

Specifications

System
Model Digital camera FinePix S9100 / FinePix S9600
Effective pixels 9.0 million pixels
CCD 1/1.6-inch Super CCD HR
Storage media xD-Picture Card (16/32/64/128/256/512 MB/1 GB/2 GB)
CF card and Microdrive™ (compatibility is listed on Fujifilm website: http://www.fujifilm.com/products/digital/)
File format Still image: DCF-compliant
Compressed: Exif ver.2.2 JPEG, DPOF-compatible
Uncompressed: CCD-RAW (RFP)
Design rule for Camera File System compliant DPOF compatible
Movie: AVI format, Motion JPEG
Audio: WAV format, Monaural sound
Number of recorded pixels Still image: 3488 × 2616 pixels/3696 x 2464 pixels/2592 × 1944 pixels/2048 × 1536 pixels/1600 × 1200 pixels/640 × 480 pixels

Lens Fujinon 10.7× optical zoom lens
Focal length f=6.2 mm-66.7 mm (Equivalent to approx. 28 mm-300 mm on a 35 mm camera)
Digital zoom Approx. 2× (10.7× optical zoom lens is used together: Max. zoom scale: 21.4×)
Focal range Normal: Wide-angle: approx. 40 cm (1.3 ft.) to infinity (In High-speed shooting mode: approx. 2 m (6.6 ft.) to infinity)
Telephoto: approx. 2 m (6.6 ft.) to infinity (In High-speed shooting mode: approx. 4 m (13.1 ft.) to infinity)
Macro: Wide-angle: approx. 10 cm (3.9 in.) to 3 m (9.8 ft.)
Telephoto: approx. 90 cm (3.0 ft.) to 3 m (9.8 ft.)
Super macro: approx. 1 cm to 1 m (0.4 in. to 3.3 ft.) (Wide-angle only)
Sensitivity AUTO/Equivalent to ISO 80/100/200/400/800/1600
Photometry TTL 256-zones metering Multi, Spot, Average
Exposure control Program AE ( AUTO, P, , , ), Shutter-priority AE, Aperture-priority AE, Manual exposure
Scene position ( Picture Stabilization), (Natural light), (Portrait), (Landscape), (Night)
Exposure compensation −2 EV to +2 EV in 1/3 EV step increments (P, S, A)
Shutter speed ( AUTO, P, , ), 1/14 sec. to 1/4000 sec.
: 4 sec. to 1/500 sec.
P/S/A: 4 sec. to 1/4000 sec. M: 30 sec. to 1/4000 sec.
Bulb (Up to 30 sec.)
Continuous shooting Top 4-frame: Number of recorded frames: up to 4 frames
(Max, 1.5 frames/sec.)
Final 4-frame: Number of recorded frames: last 4 frames before releasing the shutter button
(Max, 1.5 frames/sec.)
Long-period continuous shooting mode: Number of recorded frames: up to 40 frames.
(Max, 1.1 frames/sec.)
Auto bracketing ± 1/3 EV, ± 2/3 EV, ± 1 EV
Focus Mode: Auto focus, Continuous AF, Manual focus
AF system: TTL contrast-type
AF frame selection: AF (CENTER), AF (MULTI), AF (AREA)
### Specifications

<table>
<thead>
<tr>
<th>System</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>White balance</strong></td>
<td>Automatic scene recognition/Preset (Fine, Shade, Fluorescent (Daylight), Fluorescent (Warm White), Fluorescent (Cool White), Incandescent/Custome white balance (2 types))</td>
</tr>
<tr>
<td><strong>Self-timer</strong></td>
<td>Approx. 10 sec./2 sec.</td>
</tr>
<tr>
<td><strong>Flash type</strong></td>
<td>Auto flash (AUTO): Wide-angle: approx. 30 cm-5.6 m (1.0 ft.-18.4 ft.) Telephoto: approx. 90 cm-3 m (3.0 ft.-9.8 ft.)</td>
</tr>
<tr>
<td><strong>Flash mode</strong></td>
<td>Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro, Red-Eye Reduction + Slow Synchro</td>
</tr>
<tr>
<td><strong>Viewfinder</strong></td>
<td>0.44 inches, 235,000 pixels, LCD viewfinder. Approx. 100% coverage</td>
</tr>
<tr>
<td><strong>LCD monitor</strong></td>
<td>2.0 inches, Aspect ratio: 4:3; approx. 235,000 pixels low-temperature poly-silicon TFT, Approx. 100% coverage</td>
</tr>
<tr>
<td><strong>Movie</strong></td>
<td>640 x 480 pixels/320 x 240 pixels ( [ ] or [ ]) (30 frames per second with monaural sound) A series of continuous image can be recorded up to available recording time per media.</td>
</tr>
<tr>
<td><strong>Photography functions</strong></td>
<td>High-speed shooting, Best framing, Post shot assist window, Frame No. memory</td>
</tr>
<tr>
<td><strong>Playback functions</strong></td>
<td>Trimming, Image rotate, Automatic playback, Multi-frame playback, Sorting by date, Voice memo</td>
</tr>
<tr>
<td><strong>Other functions</strong></td>
<td>PictBridge, Exif print, Language (English, Français, Deutsch, Español, Italiano, 中文, 한국어), Time difference, FinePix photo mode ( -mode)</td>
</tr>
</tbody>
</table>

### Power Supply and Others

| Power supply | Use one of the following:  
- 4 x AA-size alkaline batteries  
- 4 x AA-size Ni-MH (Nickel-Metal Hydride) batteries (sold separately)  
- AC Power Adapter AC-SVX (sold separately) |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Guide to the number of available frames for battery operation</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Battery Type</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Media</strong></td>
</tr>
<tr>
<td></td>
<td>xD-Picture Card</td>
</tr>
</tbody>
</table>

According to the CIPA (Camera & Imaging Products Association) standard procedure for measuring digital still camera battery consumption (extract): When using alkaline batteries, use the batteries supplied with the camera. You can use Ni-MH batteries also. The storage media should be xD-Picture Card or Microdrive. Pictures should be taken at a temperature of +23°C (+73°F), with the LCD monitor turned on, AF-assist illuminator off, the optical zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.

- **Note:** Because the number of available shots varies depending on the capacity of alkaline batteries or the level of charge in Ni-MH batteries, the figures shown here for the number of available shots using batteries are not guaranteed. The number of available shots will also decline at low temperatures.

**Camera dimensions (W/H/D)** 128.0 mm x 93.0 mm x 129.0 mm/5.0 in. x 3.7 in. x 5.1 in. (not including accessories and attachments)

**Camera mass (weight)** Approx. 650 g/22.9 oz. (not including accessories, batteries and xD-Picture Card or CF/Microdrive)

**Weight for photography** Approx. 760 g/26.8 oz. (including batteries and xD-Picture Card)

**Operating conditions** Temperature: 0°C to +40°C (+32°F to +104°F)

80% humidity or less (no condensation)
Specifications

■ Standard number of available frames/recording time per media

The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the divergence between standard number of frames and the actual number of frames is greater for medias with higher capacities. When used media is 4GB or more, a movie up to 60 minutes long (at the “F” setting) or 120 minutes long (at the “H” setting) can be recorded.

Visit website for information on available Microdrive / CompactFlash card: http://www.fujifilm.com/products/digital/

The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the divergence between standard number of frames and the actual number of frames is greater for medias with higher capacities.

<table>
<thead>
<tr>
<th>Quality setting</th>
<th>Number of recorded pixels</th>
<th>Number data size</th>
<th>Movie recording time</th>
<th>File size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microdrive 1 GB</td>
<td>234 x 468</td>
<td>469 x 842</td>
<td>8212 x 15:42</td>
<td>15.3 min.</td>
</tr>
<tr>
<td>Microdrive 340 MB</td>
<td>77 x 155</td>
<td>155 x 279</td>
<td>2729 x 10:00</td>
<td>5.1 min.</td>
</tr>
<tr>
<td>2 GB</td>
<td>456 x 913</td>
<td>913 x 1640</td>
<td>15992 x 29:39</td>
<td>108 min.</td>
</tr>
<tr>
<td>1 GB</td>
<td>228 x 456</td>
<td>456 x 819</td>
<td>1305 x 16:39</td>
<td>54 min.</td>
</tr>
<tr>
<td>16 MB</td>
<td>3 x 6</td>
<td>6 x 12</td>
<td>192 x 24 sec.</td>
<td>13 sec.</td>
</tr>
<tr>
<td>32 MB</td>
<td>6 x 13</td>
<td>13 x 25</td>
<td>40 x 247 sec.</td>
<td>1 sec.</td>
</tr>
<tr>
<td>64 MB</td>
<td>13 x 28</td>
<td>28 x 50</td>
<td>81 x 101 sec.</td>
<td>3 min.</td>
</tr>
<tr>
<td>128 MB</td>
<td>28 x 56</td>
<td>56 x 102</td>
<td>162 x 204 sec.</td>
<td>6 min.</td>
</tr>
<tr>
<td>256 MB</td>
<td>56 x 113</td>
<td>113 x 204</td>
<td>325 x 409 sec.</td>
<td>13 min.</td>
</tr>
<tr>
<td>512 MB</td>
<td>113 x 227</td>
<td>227 x 409</td>
<td>651 x 818 sec.</td>
<td>27 min.</td>
</tr>
<tr>
<td>1 GB</td>
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<td>54 min.</td>
</tr>
</tbody>
</table>

If you shoot using the xD-Picture Cards with model numbers containing “M” such as DPC-M1GB, movie recording time may be reduced if you repeatedly record and erase (frame erase) image files. In such a case, erase all frames or format the xD-Picture Card before use. Back up important frames (files) onto your PC or another media.

Explanation of Terms

Deactivated batteries

Leaving an Ni-MH battery unused in storage for a long period may cause a rise in the level of substances that inhibit current flow inside the battery and result in a dormant battery. A battery in this state is referred to as deactivated.

Because current flow is inhibited in a deactivated Ni-MH battery, the battery’s original level of performance cannot be achieved.

EV

A number denotes Exposure Value. 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.

Frame rate (fps)

The frame rate refers to the number of images (frames) that are photographed or played back per second. For example, when 10 frames are continuously photographed in a 1-second interval, the frame rate is expressed as 10 fps.

For reference, TV images are displayed at 30 fps (NTSC).

JPEG

Joint Photographic Experts Group

A file format used for compressing and saving color images. The higher the compression rate, the greater the loss of quality in the decompressed (restored) image.

Memory effect

If an Ni-MH battery is repeatedly charged without first being fully discharged, its performance may drop below its original level. This is referred to as the “memory effect”.

Motion JPEG

A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.

Smear

A phenomenon specific to CCDs whereby white streaks appear on the image when there is a very strong light source, such as the sun or reflected sunlight, in the photography screen.

WAV

A standard format used on Windows systems for saving audio data. WAV files have the “.WAV” file extension and the data can be saved in either compressed or uncompressed format. Uncompressed recording is used on this camera.

WAVE files can be played back on a personal computer using the following software:

Windows: MediaPlayer
Macintosh: QuickTime Player

White Balance

Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed.

Exif Print

Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.
If you have technical questions or if you need repair service, ask the local distributor. Please present the warranty card and your purchase receipt when you ask for repairs. Refer to the warranty card for conditions of the warranty. There is a case that repair and Technical support cannot be accepted for some models which your local distributor does not deal with. These lists are subject to change without notice.

### NORTH AMERICA

<table>
<thead>
<tr>
<th>Country</th>
<th>Company Name</th>
<th>Technical Support</th>
<th>Repair Service</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Fuji Photo Film Canada Inc.</td>
<td>Technical support</td>
<td>Repair service</td>
<td></td>
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<tr>
<td>U.S.A.</td>
<td>Fuji Photo Film USA</td>
<td>Technical support</td>
<td>Repair service</td>
<td></td>
</tr>
<tr>
<td>Hawaii</td>
<td>Fuji Photo Film Hawaii, Inc.</td>
<td>Technical support</td>
<td>Repair service</td>
<td></td>
</tr>
</tbody>
</table>

### CENTRAL & SOUTH AMERICA

<table>
<thead>
<tr>
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<th>Company Name</th>
<th>Technical Support</th>
<th>Repair Service</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>Imagen e informacion S.A.</td>
<td>Technical support</td>
<td>Repair service</td>
<td></td>
</tr>
<tr>
<td>Bolivia</td>
<td>Refitschneider Bolivita Ltda.</td>
<td>Technical support</td>
<td>Repair service</td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>Fuji Photo Film do Brasil Ltda.</td>
<td>Technical support</td>
<td>Repair service</td>
<td></td>
</tr>
<tr>
<td>Colombia</td>
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Safety Notes

- Make sure that you use your FinePix S9100 / FinePix S9600 camera correctly. Read these Safety Notes and your Owner’s Manual carefully before use.
- After reading these Safety Notes, store them in a safe place.

About the Icons

- The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

**WARNING**

- This icon indicates that death or serious injury can result if the information is ignored.

**CAUTION**

- This icon indicates that personal injury or material damage can result if the information is ignored.

- The icons shown below are used to indicate the nature of the information which is to be observed.

- Triangular icons tell you that this information requires attention (“Important”).

- Circular icons with a diagonal bar tell you that the action indicated is prohibited (“Prohibited”).

- Filled circles with an exclamation mark tell you an action that must be performed (“Required”).

- Filled circles with no exclamation mark and an equals sign tell you the action that can be performed (“Optional”).

### TROUBLESHOOTING

- If a problem arises, turn the camera off, remove the batteries, disconnect and unplug the AC power adapter.
- Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

- Do not allow water or foreign objects to enter the camera.
- If water or foreign objects get inside the camera, turn the camera off, remove the batteries and disconnect and unplug the AC power adapter.
- Continued use of the camera can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

- Do not use the camera in the bathroom or shower.
- This can cause a fire or electric shock.

- Never attempt to change or take apart the camera. (Never open the casing.)
- Do not use the camera when it has been dropped or the casing is damaged.
- This can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

- Do not change, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord.
- These actions could damage the cord and cause a fire or electric shock.
- If the cord is damaged, contact your FUJIFILM dealer.

- Do not place the camera on an unstable surface.
- This can cause the camera to fall or tip over and cause injury.

- Never attempt to take pictures while in motion.
- Do not use the camera while you are walking or driving a vehicle.
- This can result in you falling down or being involved in a traffic accident.

- Do not touch any metal parts of the camera during a thunderstorm.
- This can cause an electric shock due to induced current from the lightning discharge.

- Do not use the batteries except as specified.
- Load the batteries with the + and – marks.

**WARNING**

- Do not heat, change or take apart the batteries.
- Do not drop or subject the batteries to impacts.
- Do not attempt to recharge lithium or alkaline batteries.
- Do not store the batteries with metallic products.
- Do not use chargers other than the specified model to charge the batteries.
- Any of these actions can cause the batteries to burst or leak and cause fire or injury as a result.

- Use only the batteries or AC power adapters specified for use with this camera.
- Do not use voltages other than the power supply voltage shown.
- The use of other power sources can cause a fire.

- If the battery leaks and fluid gets in contact with your eyes, skin or clothing, Flush the affected area with clean water and seek medical attention or call an emergency number right away.

- Do not use the charger to charge batteries other than those specified here.
- The charger is designed for Fujifilm HR- AA Ni-MH batteries. Using the charger to charge conventional batteries or other types of rechargeable batteries can cause the battery to leak fluid, overheat or burst.

- When discarding or storing batteries, cover the battery terminals with insulation tape.
- Contact with other metallic objects or batteries could cause the batteries to ignite or burst.

### KEEP YOUR CAMERA SAFE

- Do not attempt to clean your camera during a thunderstorm.
- Do not use the camera while you are walking or driving a vehicle.
- Do not use the camera while you are in motion.
- Do not place heavy objects on the camera.
- Do not attempt to recharge lithium or alkaline batteries.

### KEEP CHILDREN SAFE

- Do not leave the camera in places subject to extremely high temperatures.
- Do not leave the camera in locations such as a sealed vehicle or in direct sunlight.
- This can cause a fire.

- Keep out of the reach of small children.
- This product could cause injury in the hands of a child.

- Do not place heavy objects on the camera.
- This can cause the heavy object to tip over or fall and cause injury.

- Do not move the camera while the AC power adapter is still connected.
- Do not pull on the connection cord to disconnect the AC power adapter.
- This can damage the power cord or cables and cause a fire or electric shock.

- Do not use the AC power adapter when the plug is damaged or the plug socket connection is loose.
- This could cause a fire or electric shock.

- Do not cover or wrap the camera or the AC power adapter in a cloth or blanket.
- This can cause heat to build up and distort the casing or cause a fire.

- When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the batteries and disconnect and unplug the AC power adapter.
- Failure to do so can cause a fire or electric shock.

- When charging ends, unplug the charger from the power socket.
- Leaving the charger plugged into the power socket can cause a fire.

- Using a flash too close to a person’s eyes may temporarily affect the eyesight.
- Take particular care when photographing infants and young children.

- When an xD-Picture Card is removed, the card could come out of the slot too quickly. Use your finger to hold it and gently release the card.

- Request regular internal cleaning and servicing for your camera.
- Build-up of dust in your camera can cause a fire or electric shock.
- Contact your FUJIFILM dealer to request internal cleaning every 2 years.
- Please note this is not a free of charge service.