FUJIFILM

DIGITAL CAMERA
FinePix S6000fd

DIGITAL CAMERA
FinePix S6500fd

OWNER'S MANUAL

This manual will show you how to use
your FUJIFILM DIGITAL CAMERA
FinePix S6000fd / FinePix S6500fd
correctly.
Please follow the instructions carefully.

Getting Ready

Using the Camera

Advanced Features • Photography

• Playback

• Movie

Settings

Camera Connection

**Software
Installation**

Appendices

Troubleshooting

SUPER CCD
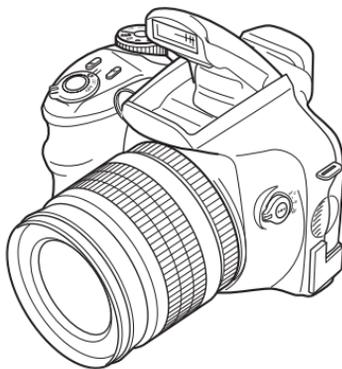
digital
Tools for the imagination.

Designed for
Microsoft®
Windows®XP
™

xD-Picture Card™

Exif Print

PictBridge

BL00548-200(1)   **E**

Warning

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 the user's 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.

Please read the Safety Notes (→p.192) and make sure you understand them before using the camera.

IMPORTANT

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12. Governing Law.
This Agreement shall be governed by and construed in accordance with laws of Japan.

EC Declaration of Conformity

We
Name: Fuji Photo Film (Europe) GmbH
Address: Heesenstrasse 31
40549 Dusseldorf, Germany

declare that the product
Product Name: FUJIFILM DIGITAL CAMERA FinePix S6000fd / FinePix S6500fd
Manufacturer's Name: Fuji Photo Film Co., Ltd.
Manufacturer's Address: 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8620, Japan

conforms to the following Standards:
Safety: EN60065
EMC: EN55022: 1998 Classe B
EN55024: 1998
EN61000-3-2: 1995 + A1: 1998 + A2: 1998

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

CE

Dusseldorf, Germany	August 1, 2006	
Place	Date	Signature/Managing Director

This product comes with batteries. When these are empty, you shouldn't throw them away but deliver them as domestic chemical refuse.

Disposal of Electric and Electronic Equipment in Private Households

Disposal of used Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

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 applicable 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 to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

If your equipment contains easy 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.

Contents

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 **xD-Picture Card** containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ 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.

■ 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.

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∗ The "Designed for Microsoft® Windows® XP" logo refers to the camera and the driver only.
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■ **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.

■ **Explanation of Color Television System**

NTSC: National Television System Committee, color television telecasting specifications adopted mainly in the U.S.A., Canada and Japan.

PAL: Phase Alternation by Line, a color television system adopted mainly by European countries and China.

■ **Exif Print (Exif ver. 2.2)**

Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

∗ See "Using Your Camera Correctly" (→p.156) for more information.

About this Manual

♥ Macro (Close-up)

Use this mode to take close-up shots.

Available Photography modes: AUTO, ⚜, ◐, ◑⚡, ✿⚡, P, S, A, M

Press ♥ (◀) to select Macro mode.
The Macro mode setting changes each time you press the ♥ (◀).

♥ or ✿ appears on the

Icons indicate the modes that are available.

🔍 **CHECK**

• Focal range
  Wide angle:
  Approx. 10 cm to 3.0 m (3.9 in. to 9.8 ft.)
  Telephoto:
  Approx. 90 cm to 3.0 m (3.0 ft. to 9.8 ft.)
• Focal range in Super macro
  Approx. 1 cm to 1.0 m (0.4 in. to 3.3 ft.) (Wide-angle only)
• Effective flash range
  Wide-angle:
  Approx. 30 cm to 2.0 m (1.0 ft. to 6.6 ft.)
  Telephoto:
  Approx. 90 cm to 2.0 m (3.0 ft. to 6.6 ft.)

📝 **MEMO**

• Use a tripod to prevent camera shake in Macro mode.
• Any of the following cancels Macro mode:
  - Changing the Mode dial to ❀, ▲, SP (except for ✿) or ♣ mode
  - Turning the camera off
• If the flash is too bright, use flash brightness adjustment (→P.95).
• Even if ⊡ MULTI (→p.93) in the ▣ AF-mode is set, the camera focuses near the center of the screen.
  ...may not function correctly if the camera is up...

⚠️ **CAUTION**

This mark denotes issues that may affect the camera's operation.

🔍 **CHECK**

This mark denotes points to notice in the camera's operation.

📝 **MEMO**

This mark denotes additional topics that complement the basic operating procedures.

■ 4-direction (▲▼◀▶) button

Up, down, left, and right are indicated by black triangles in the Owner's Manual. Up or down is shown as ▲ or ▼, and left or right is shown as ◀ or ▶.

When pressing ▶:

When pressing DISP/BACK:

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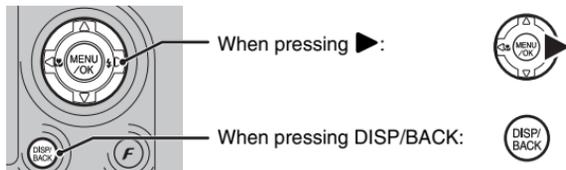
Accessories Included

- **AA-size Alkaline Batteries (LR6) (4)**

- **Strap (1)**

- **Lens cap (1)**
- **Lens cap holder (1)**
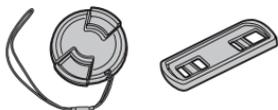
- **Lens hood (1)**

- **A/V cable (1)**
  Including plug to pin-plug ×2

- **USB cable (mini-B) (1)**

- **CD-ROM (1)**
  Software for FinePix CX

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

Camera Parts and Features

• Refer to the pages in parentheses for information on using the camera parts or features.
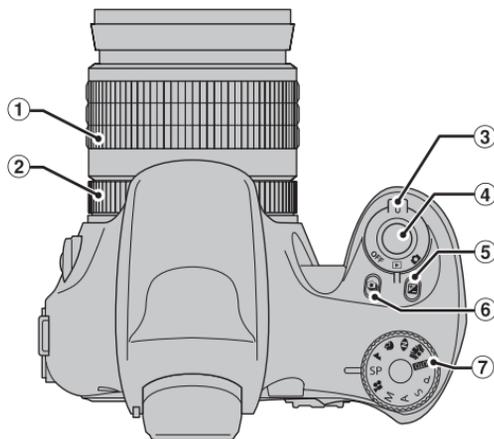
① Zoom ring (p.32, 41)
② Focus ring (p.32, 72)
③ Power switch
④ Shutter button
⑤ ☒ Exposure compensation button (p.69, 80, 98)
⑥ ❑ Continuous shooting button (p.77)
⑦ Mode dial

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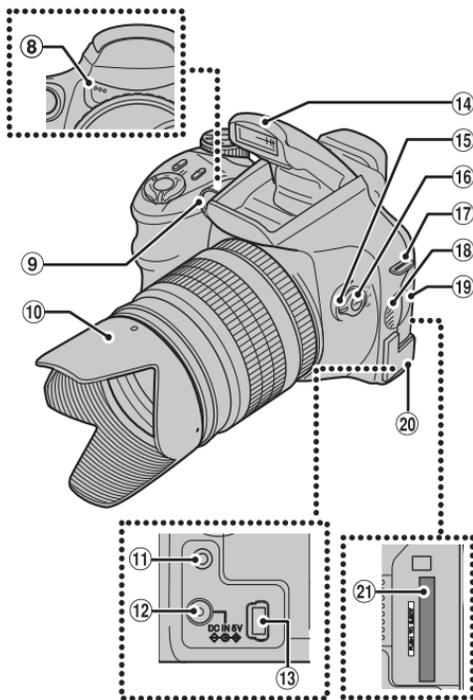
⑧ Microphone
⑨ AF-assist illuminator (p.41)/Self-timer lamp (p.89)
⑩ Lens hood
⑪ A/V OUT (Audio/Visual output) socket (p.134)
⑫ DC IN 5V (power input) socket (p.135)
⑬ •←← USB socket (mini-B)
⑭ Flash (p.75)
⑮ Focus mode selector switch (p.32, 71, 72)
⑯ ▶●◀ (One-touch AF) button (p.32, 72)
⑰ Strap mount (p.17)
⑱ Speaker
⑲ Slot cover (p.22)
⑳ Terminal cover
㉑ xD-Picture Card slot (p.22)
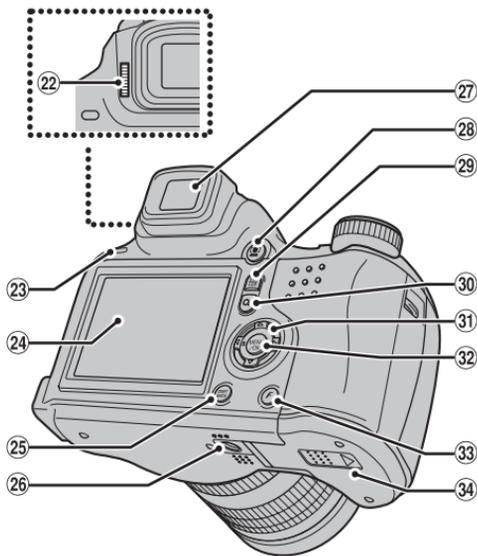
㉒ Diopter adjustment dial
㉓ Indicator lamp (p.36)
㉔ LCD monitor
㉕ DISP (Display)/BACK button (p.31, 42, 44)
㉖ Tripod mount
㉗ Viewfinder (EVF)
㉘ Intelligent Face Detection button (p.37)
㉙ EVF/LCD (monitor selector) button (p.31, 33)
㉚ Q Digital zoom button (p.31, 41)
㉛ 4-direction (▲▼◀▶) button
㉜ MENU/OK button
㉝ Photo mode (𝐹) button (p.31, 81, 99)
㉞ Battery cover (p.19)

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Example of screen Text Display

■ Photography mode
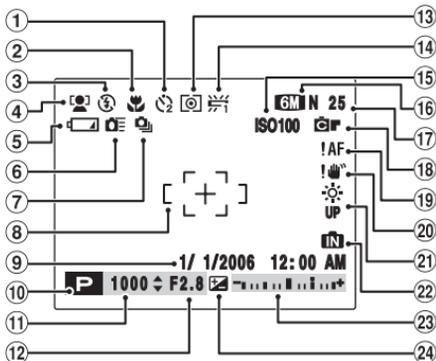
① ⚡ Self-timer (p.88)
② ♣ Macro (close-up) (p.74)
③ ⚡ Flash (p.75)
④ 🔲 Intelligent Face Detection (p.37)
⑤ 🔋 Battery level indicator (p.21)
⑥ ◻ High-speed shooting (p.92)
⑦ 🔲 Continuous shooting (p.77)
⑧ AF frame (p.34)
⑨ Date/Time (p.25)
⑩ 🅿 Photography mode (p.54)
⑪ Shutter speed (p.63)
⑫ Aperture (p.65)
⑬ 【◎】 Photometry (p.90)

⑭ ₩ White balance (p.91)
⑮ ISO 100 Sensitivity (p.85)
⑯ 🔲N Quality mode (p.86)
⑰ Number of available frames (p.179)
⑱ 🔲 FinePix COLOR (p.87)
⑲ !AF AF warning (p.163)
⑳ ! ♨ Camera shake warning (p.163)
㉑ ☼ Increasing monitor brightness (p.80)
㉒ 🔲 Internal memory (p.23)
㉓ Exposure compensation indicator (p.69)
㉔ 🔲 Exposure compensation (p.69)

■ Playback mode
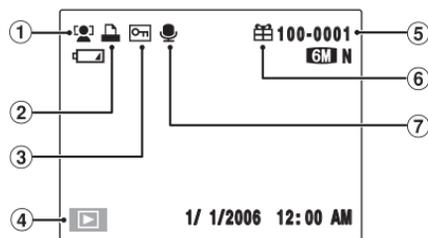
① 🔲 Intelligent Face Detection (p.45)
② 🔲 DPOF (p.101)
③ 🔲 Protection (p.106)
④ ▶ Playback mode (p.44)
⑤ Frame number (p.127)
⑥ 🔲 Present (p.44)
⑦ 🎤 Voice memo (p.110)

FinePix S6000fd / FinePix S6500fd has internal memory that can store images without **xD-Picture Card**. 🔲 appears on the screen when the internal memory is active.

Attaching the Strap, Lens cap and Lens hood

Attaching the strap

1 **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.**
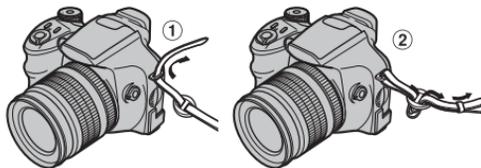
2 **Pull the lens cap cord through the strap.**

(!) CAUTION

- Attach the strap correctly to prevent dropping the camera.
- Attach the lens cap cord to prevent losing the lens cap.

Attaching the lens cap

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

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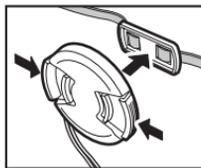
Make sure that the lens cap does not appear in your shot when taking a picture, attach it to the lens cap holder.

● Attaching the lens hood

The lens hood is effective for reducing ghost images and flare in backlit scenes so that the camera provides crisp, clear shots.

1 **Align the indicators on the camera and lens hood, and fit the lens hood to the lens.**
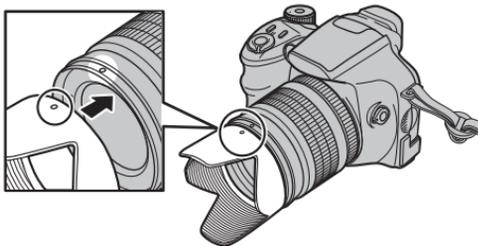
2 **Turn the lens hood clockwise until it clicks.**
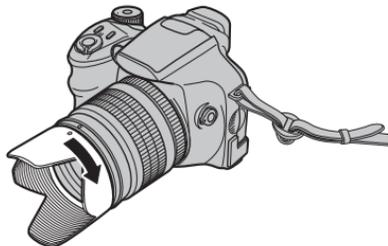
📝 **MEMO**
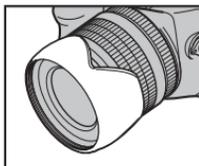
To store the lens hood into the soft case, attach the lens hood upside down.

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Loading the Batteries

Batteries are required to operate the digital camera. At first, load the batteries in the camera.

Compatible batteries

AA-size alkaline batteries (4) or AA-size Ni-MH rechargeable batteries (4) (sold separately)

⚠ CAUTION

- 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

  Outer casing

- Do not use manganese or Ni-Cd batteries.
- Use the same brand and grade AA-size alkaline batteries as those supplied with the camera.
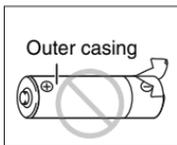
1 **Open the battery cover.**
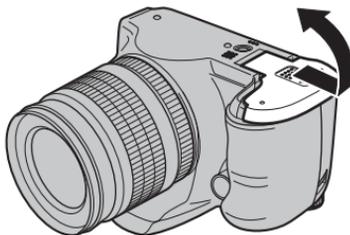
✅ CHECK

Check that the camera is turned off before opening the battery cover.

⚠ CAUTION

- Do not open the battery cover while the camera is on. This could damage the **xD-Picture Card** or ruin the image files on the **xD-Picture Card**.
- Do not apply force to the battery cover.

2 **Load the batteries correctly as indicated by the polarity icons.**
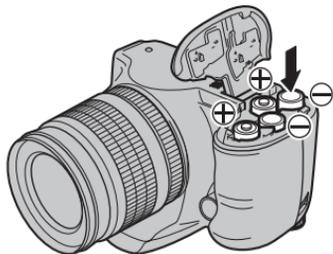
⚠ **CAUTION**

Match the polarity icons (⊕ and ⊖) of the batteries to those on the inside of the battery cover.

3 **Press on the battery cover to push the batteries down. Slide the cover closed.**
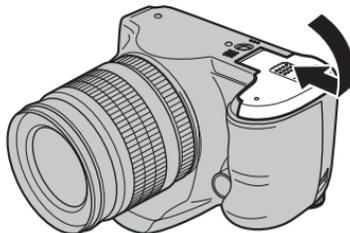
Checking the battery charge

Turn the camera on and check the battery charge.

① There is ample battery charge. (Not displayed)
② There is insufficient charge left in the batteries. The batteries will soon run out. Have a new set of batteries ready. (Lit red)
③ The batteries are depleted. The display will shortly go blank and the camera will stop working. Replace or recharge the batteries. (Blinking red)

⚠ Notes on batteries

• Soil, such as fingermarks 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). For this reason, it is better to use AA-size Ni-MH batteries.
• Due to the nature of the battery, the battery level warning (◰, ◻) may appear early when the camera is used in cold locations. Try warming the batteries in your pocket or a similar location before use.
• 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.
• Depending on the camera mode, the transition from ◰ to ◻ may occur more quickly.
• Use Fujifilm Battery charger (sold separately) to charge AA-size Ni-MH batteries.
• See p.157-158 for information on the 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.158 for more information.
• Battery power consumption varies greatly depending on use. When you change to Playback mode from Photography mode, ◰ may not occur, however, ◻ may suddenly blink red and the camera may stop operation.

Loading the xD-Picture Card

Although you can store pictures in the camera's internal memory, you can store many more images on the **xD-Picture Card** (sold separately).

1 Open the slot cover.

CHECK

Check that the camera is turned off before opening the slot cover.

CAUTION

Do not open the slot cover while the camera is on. This could damage the **xD-Picture Card** or ruin the image files on the **xD-Picture Card**.

2 Insert an xD-Picture Card.

Gold marking
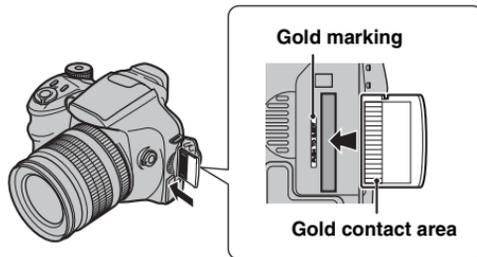
Gold contact area

Align the gold marking with the gold contact area.

3 Close the slot cover.

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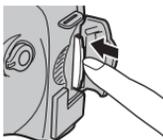
Push the **xD-Picture Card** into the slot and then slowly remove your finger. The lock is released and the **xD-Picture Card** is pushed out.

⚠ CAUTION

- When storing **xD-Picture Card**s, make sure that they are kept out of the reach of children. An **xD-Picture Card** could be swallowed and cause suffocation. If a child swallows an **xD-Picture Card**, seek medical attention or call emergency number right away.
- If the **xD-Picture Card** is oriented incorrectly, it will not go all the way into the slot. Do not apply force when inserting an **xD-Picture Card**.
- Note that the **xD-Picture Card** may spring out if you release your finger quickly from the card immediately after the lock is released.
- Operation of this camera is only guaranteed when it is used with FUJIFILM **xD-Picture Card**.
- See p.161 for information on the **xD-Picture Card** and the Internal Memory.

✎ MEMO

- The size of an image file varies depending on the subject. For this reason, the number recorded may not represent the actual number of frames.
- See p.179 for information on the standard number of available frames.

■ About internal memory
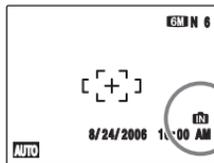
FinePix S6000fd / FinePix S6500fd has internal memory that can store images without **xD-Picture Card**. 🖭 appears on the screen when internal memory is active.

When an **xD-Picture Card** (sold separately) is inserted

[Record images]:   Record images to an **xD-Picture Card**.
[Playback images]: Playback images in an **xD-Picture Card**.

When an **xD-Picture Card** (sold separately) is not inserted

[Record images]:   Record images to internal memory.
[Playback images]: Playback images in internal memory.

■ About images in the internal memory

Images held in the camera's internal memory may be corrupted or erased due to problems such as camera faults. Save your important data to another media (i.e., DVD-R, CD-R, CD-RW, hard disk, etc.).
It is possible to transfer saved images on the internal memory to an **xD-Picture Card** (→p.108).

Turning On and Off

Turning the camera on in Photography mode

Set the Power switch to ● to turn the camera on in Photography mode.
Set the Power switch to OFF to turn the camera off.
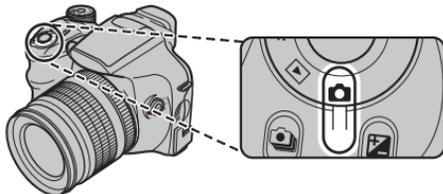
Turning the camera on in Playback mode

Set the Power switch to ▶ to turn the camera on in Playback mode.
Set the Power switch to OFF to turn the camera off.
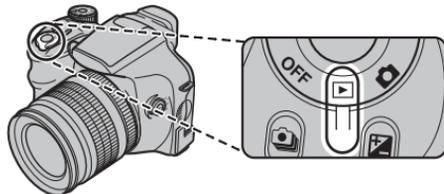
Setting the language, date, and time

When using the camera for the first time after purchasing, the language, date, and time are cleared. Set the language, date, and time.

1 言語/LANG. **screen appears when turning the camera on.**

```
START MENU
言語/LANG.

日本語   ENGLISH   FRANCAIS
DEUTSCH  ESPAÑOL   ITALIANO
中文简   繁體      한글
РУССКИЙ  PORTUGUÊS NEDERLANDS
TÜRKÇE

OK SET   BACK NO
```

① Press ▲, ▼, ◀, or ▶ to select the language.

② Press MENU/OK to confirm the setting.

2 **Set the date and time.**

```
DATE/TIME NOT SET

           2008
           2007
YY.MM.DD   2006  1. 1   12:00
           2005         AM
           2004

OK SET   BACK NO
```
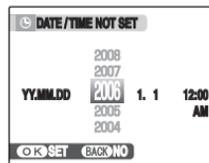
① Press ◀ or ▶ to select Year, Month, Day, Hour, or Minute.

② Press ▲ or ▼ to correct the setting.

📝 **MEMO**

- Holding down ▲ or ▼ changes the numbers continuously.
- When the time displayed passes "12", the AM/PM setting changes.

Continued ➡

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3 Change the date format.

① Press ◀ or ▶ to select the date format.

② Press ▲ or ▼ to set the format.

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

Date format
ex. August 24, 2006
YY.MM.DD: 2006.8.24
MM/DD/YY: 8/24/2006
DD.MM.YY: 24.8.2006

📝 MEMO

START MENU screen also appears when the batteries have been removed and the camera has been left for a long period. 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.

Auto power off function

When the Auto power off function is active, if the camera is left unused for 2 or 5 minutes, this function turns the camera off (→p.130). To turn the camera back on, set the Power switch to OFF briefly and then back to ● or ▶.

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Correcting the Date and Time

1 **Open the SET-UP menu.**

SHOOTING MENU	
🕙 SELF-TIMER	OFF
⚡ HIGH-SPEED SHOOTING	OFF
🆂🅴🆃 SET-UP	

① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select 🆂🅴🆃 SET-UP.

③ Press ▶.

2 **Display the DATE/TIME screen.**

SET - UP	
📷 🔧1 🔧2 🔧3	
🕙 DATE/TIME	
🔊 BEEP VOLUME	🔊
📷 SHUTTER VOLUME	🔊
▶ PLAYBACK VOLUME	▷
🔆 LCD BRIGHTNESS	▷
📁 FORMAT	▷
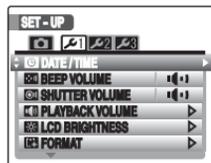
① Press ◀ or ▶ to select 🔧1.

② Press ▼ to move to menu item.

③ Press ▲ or ▼ to select 🕙 DATE/TIME.

④ Press ▶.
See "*2* Set the date and time." (→p.25).

Selecting the Language

1 Open the SET-UP menu.

```
SHOOTING MENU
⊙ SELF-TIMER          OFF
⊡ HIGH-SPEED SHOOTING  OFF
▸ SET SET-UP
```
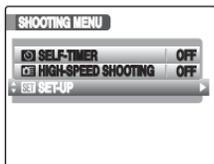
① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select SET SET-UP.

③ Press ▶.

2 Display the 言語/LANG. screen.

```
SET - UP
📷 🔧1 🔧2 🔧3
● 言語/LANG.           ENGLISH ▸
⏱ AUTO POWER OFF      2 MIN
⊕ TIME DIFFERENCE     ⌂
BACKGROUND COLOR      ▸
DISCHARGE             ▸
VIDEO SYSTEM          NTSC
```

① Press ◀ or ▶ to select 🔧2 .

② Press ▼ to move to menu item.
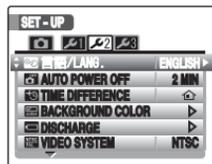
③ Press ▲ or ▼ to select 言語/LANG..

④ Press ▶.
See "*1* 言語/LANG. screen appears when turning the camera on." (→p.25).

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Memo

Basic Operation Guide

This section describes the camera's buttons and functions.

Power switch

ON/OFF and ⬛ Photography mode/ ▶ Playback mode selector switch.
Use the Power switch to select the mode.

☒ Exposure compensation button

With ☒ held down, press ◀ or ▶ to select the exposure compensation.
The histogram appears on the screen.

⬛ Continuous shooting button

With ⬛ held down, press ▲ or ▼ to select the Continuous shooting mode.

Photography mode selector

Turn the Mode dial to select the Photography mode.

AUTO Auto	SP Scene Position	Still photography
⁂ Picture Stabilization	P Programmed Auto	
◑ Natural light/Natural & ⚡	S Shutter-priority Auto	
☻ Portrait	A Aperture-priority Auto	
▲ Landscape	M Manual	
🎥 Movie		Movie recording

Diopter adjustment dial

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

Intelligent Face Detection button

Pressing this button allows you to focus on people's faces.

EVF/LCD (monitor selector) button

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

◀▶ button

Photography: ◀ Turns Macro (♣) on and off.
▶ Sets the flash (♣).
Playback: Change frame or movie frame advance.

Q Digital zoom button

Selecting Digital zoom mode (2×).

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 sensitivity, quality mode and FinePix COLOR settings.
Playback: Specify the automatic playback and print order (DPOF) settings.

Focus ring

The camera focuses on the subject using Manual focus mode.

One-touch AF button

Focus the image once. This can only be used for manual focusing.

Zoom ring

Turn the zoom ring to take pictures with zoom function.

Focus mode selector switch

Changes among C-AF (Continuous AF), S-AF (Single AF) and MF (Manual focus).
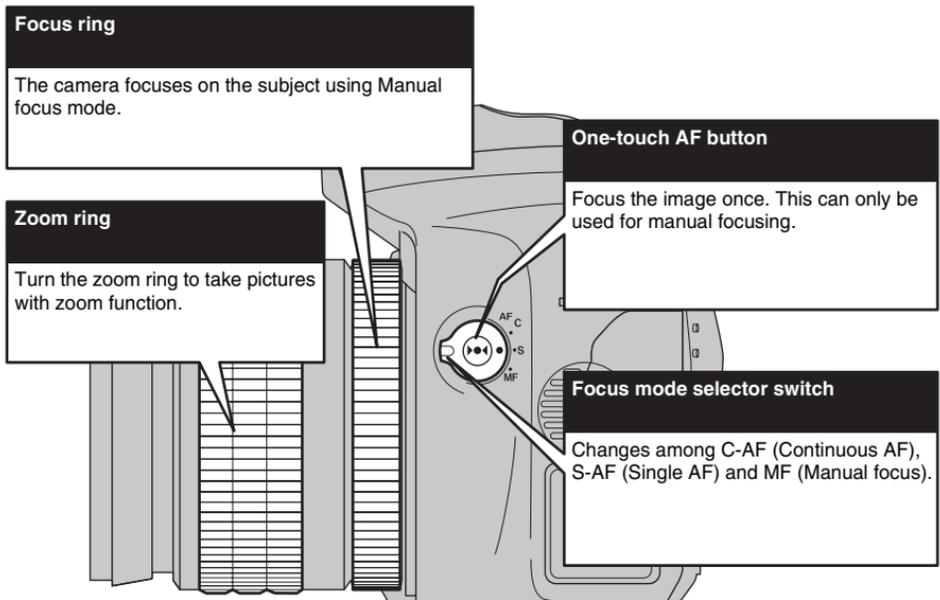
Taking Pictures (AUTO Mode)

This section describes the basic operations.

1 Turn the camera on.

① Set the Power switch to ▲.
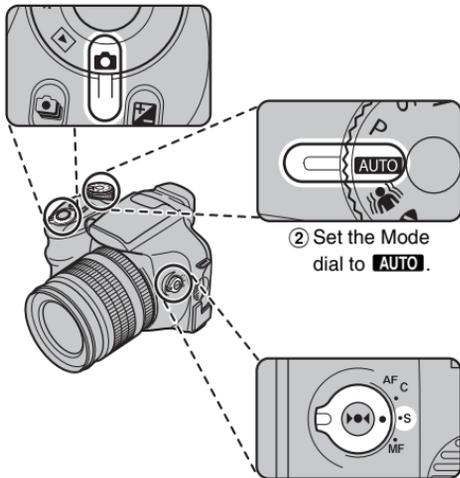
② Set the Mode dial to **AUTO**.

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

✓ CHECK

- **Focal range**
  Wide-angle: approx. 40 cm (1.3 ft.) to infinity
  Telephoto: approx. 2 m (6.6 ft.) to infinity
- Select ♣ Macro mode to take close-up shots (→p.74).

2 Switch the display.

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

Diopter adjustment dial
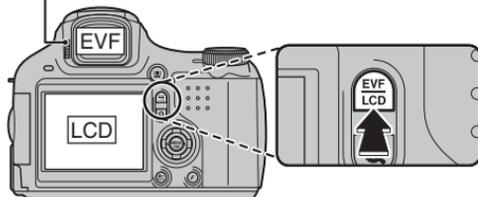
✎ MEMO

- 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.

Holding the camera correctly

Brace your elbows against your sides and hold the camera with both hands.
Using the viewfinder (EVF) allows for a steady arm position, preventing picture blur.

Do not cover the lens or flash with your fingers.

(!) **CAUTION**

- Moving the camera while shooting gives a blurred picture (camera shake). Hold the camera steadily with both hands.
- If the lens or flash is obscured by your fingers or the strap, subjects may be out of focus or the brightness (exposure) of your shot may be incorrect.

3 **Focus on the main subject in the AF frame and press the shutter button down halfway.**
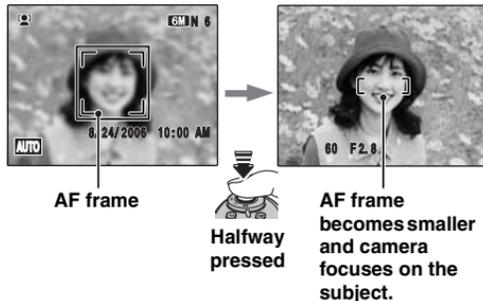
AF frame

Halfway pressed

AF frame becomes smaller and camera focuses on the subject.

CHECK

- **Focus on the subject**
  Double beep is heard
  Indicator lamp lit green
- **Not focus on the subject**
  No sound
  !AF indicated
  Indicator lamp blinking green

MEMO

- When setting the Power switch to ◖ mode for the first time after purchasing, the Intelligent Face Detection function is set.
- The shutter button has a halfway point at which focus and exposure are automatically optimized before taking the picture by pressing fully down.
- When pressing the shutter button halfway, a lens operation sound may be heard.

Flash

Pressing the shutter button halfway when the flash is not popped up, camera pops the flash up as required by the shooting conditions.
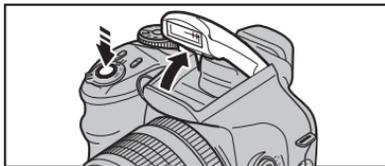
4 appears on the screen.

Change the flash mode when you want to take pictures without flash. See p.75 for information on flash.

4 Press the shutter button fully.
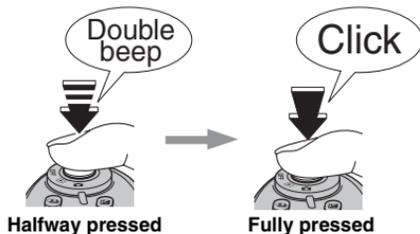
Double beep | Click

Halfway pressed | **Fully pressed**

⚠ **CAUTION**

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

✎ **MEMO**

• When the subject is not in the AF frame, use AF/AE lock to take the picture (→p.39).
• When pressing the shutter button down fully in one motion, the camera takes the picture without the AF frame changing.

Compatible filters

58 mm-diameter commercial available filters can be attached.

⚠ CAUTION

- Do not use more than one filter at a time.
- The lens cap (included) may not be used when attaching the filter.

⚠ CAUTION

- 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.44).
- When selecting a slow shutter speed that will cause camera shake, **! ♨** appears on the screen. Use flash or a tripod.
- See p.163-166 for information on warning displays. See "Troubleshooting" (→p.168-174) for more information.

■ Indicator lamp display

The indicator lamp lights or blinks when pressing the shutter button, etc. The indicator lamp shows the camera status.

Indicator lamp
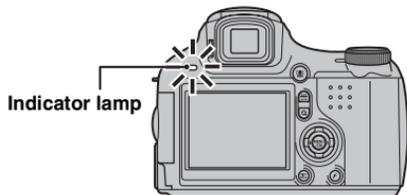
Display	Status
Lit green	Locking the focus
Blinking green	Camera shake warning, AF warning, or AE warning (ready to shoot)
Blinking green and orange alternately	Recording to **xD-Picture Card** or internal memory (ready to shoot)
Lit orange	Recording to **xD-Picture Card** or internal memory (not ready)
Blinking orange	Charging flash (flash will not fire)
Blinking red	• Warnings for **xD-Picture Card** and internal memory Card not formatted, incorrect format, memory full, **xD-Picture Card** or internal memory error • Lens operation error

✎ MEMO

Detailed warning messages appear on the screen (→p.163-166).

Using Intelligent Face Detection when taking pictures

Intelligent Face Detection allows you to focus on and adjust the brightness of people's faces. Intelligent Face Detection is effective with the camera held horizontally or vertically.

Available Photography modes: AUTO, 🏃, 🌙, ◑⚡, 🌷, ⛰, 🌸, ⚞, ✎OFF, ☗, P, S, A, M

Available Photography modes: S-AF (Single-AF)

① To activate Intelligent Face Detection press 🙂 once. To turn Intelligent Face Detection off, press 🙂 again.
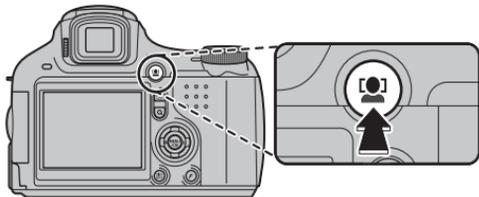
When there are multiple people in the frame, Intelligent Face Detection will set a green frame around the face nearest to the center of the picture. This face has focusing priority.

Green frame

⚠ CAUTION

• If the camera or subject move as the picture is taken, the subject's face may move out of the Intelligent Face Detection frame.
• When the camera is detecting multiple faces, the green frame is set around the face near the center. If you want to focus on another subject, move the camera so that the new subject is in the center of the screen.
If focus is still not achieved, press 🙂 (Intelligent Face Detection) to turn off the function, and take the picture using AF/AE lock (→p.39).
Intelligent Face Detection can focus on a face in a white frame providing the subjects in the green and white frame are of the same focal length.
• Pressing the shutter button halfway with Intelligent Face Detection off, the focus will be on the center of the frame.

② Press the shutter button down fully to take pictures.

Subjects not suitable for Intelligent Face Detection
Intelligent Face Detection automatically focuses on a face(s) turned towards the camera. However, difficulties will occur with the Intelligent Face Detection mode in the following situations:
• The face is obscured by glasses, sunglasses, a hat or hair.
• A person turned sideways, or who has their head tilted
• The subject is too far away to recognize a face
Intelligent Face Detection will not work in cases where the subject is standing on his/her head, is not a person (pet or other animal), or if the camera is not held correctly.

◆ Taking pictures with the focus and exposure locked

In the above composition, the subjects are not in the AF frame. Pressing the shutter button halfway at this point will result in the subjects being out of focus.

AF/AE lock is useful:

Use AF/AE lock to guarantee best result when shooting a subject that is not suited to autofocusing (→p.40).

⚠ CAUTION

When taking a picture in AF/AE lock, cancel 🔳 Intelligent Face Detection.

Using AF/AE lock

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

2 Press the shutter button down halfway to focus on the subject.

Double beep

Halfway pressed

Continued ➡

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

60 F2.8

Click

Fully pressed

✏️ **MEMO**

- AF/AE lock can be applied repeatedly before the shutter is released.
- On FinePix S6000fd / FinePix S6500fd, pressing the shutter button down halfway locks the focus and exposure settings (AF and AE lock).

Subjects not suitable for autofocus

FinePix S6000fd / FinePix S6500fd 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
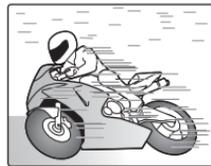
Fast moving subjects

- 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
- Subjects with little or no contrast between the subject and the background (such as 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.39) or "MF" Manual focus mode (→p.72).

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⬡ AF-assist illuminator

Use this illuminator to focus on the subject in dimly lit conditions.
When pressing the shutter button down halfway, the camera fires the AF-assist illuminator (green) while focusing on your subject.

AF-assist illuminator
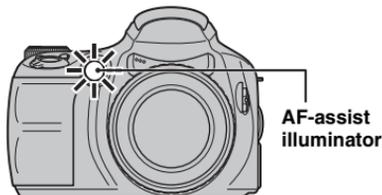
✎ MEMO

- Even when the AF-assist illuminator fires, the camera may have difficulty focusing in some conditions.
- The camera focuses most easily when a picture is taken at a distance of around 4.5 m (14.8 ft.) with wide-angle and 2.0 m (6.6 ft.) with telephoto.
- Even though there is no danger to safety, do not expose it directly in someone's eyes.
- When using the AF-assist illuminator in Macro mode, the camera may have difficulty focusing to take close-up shots.
- See p.122 for information on turning the AF-assist illuminator off.
- AF-assist illuminator does not fire in ▲, ✕, ◉, ☀, OFF, ⊽, or ✱ mode.

⬡ Using zoom function

Turn the zoom ring to take pictures with zoom function. The zoom bar appears on the screen during zooming.
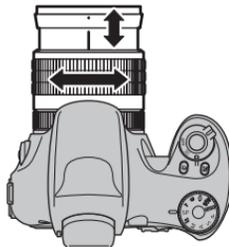
✍ CHECK

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

Press Q (→p.15, 31) to change to Digital zoom mode (2×).
Use the zoom ring to adjust digital zoom operation as well as optical zoom.

Continued ➡

GM N 25

[+]

8/24/2006 10:00 AM

AUTO
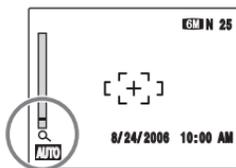
CHECK

When using digital zoom, Q appears in the bottom left corner of the screen and the zoom bar color changes.

MEMO

Press Q again to cancel digital zoom.

Adjusting the shot composition

Select the screen display.

Press DISP/BACK to change the screen display.

DISP/
BACK

GM N 25

[+]

8/24/2006 10:00 AM

AUTO

Text displayed

→ No text displayed

GM N 25

[+]

8/24/2006 10:00 AM

AUTO
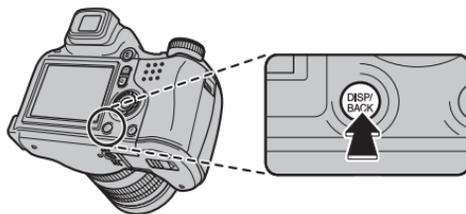
Framing guideline displayed

← Post shot assist window displayed

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Best framing

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.

✎ **MEMO**

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

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.

■ **Format of post shot assist window**
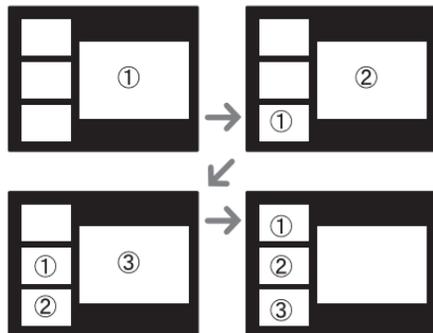
✎ **MEMO**

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 (→p.136)
• Connecting to a PC (→p.146) etc.

⚠ **CAUTION**

Post shot assist window does not appear when CCD-RAW (→p.128) is set.

Using the Camera

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Viewing the Images

Playback your images to check them. For important photographs, always take a test shot and view the image to make sure that the camera is working normally.

⬡ Setting the camera to Playback mode

Set the Power switch to ▶ during shooting to change to Playback mode.
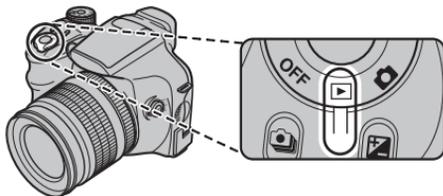
When the camera is off, set the Power switch to ▶ to turn the camera on in Playback mode.

✎ MEMO

Set the Power switch to ▶ to play back the last shot.

⚠ CAUTION Still images viewable on FinePix S6000fd / FinePix S6500fd

This camera will display still images recorded on FinePix S6000fd / FinePix S6500fd or still images (excluding some uncompressed images) recorded on any FUJIFILM digital camera that supports **xD-Picture Card**s. Clear playback or playback zooming may not be possible for still images shot on cameras other than FinePix S6000fd / FinePix S6500fd.

When playing back images shot with a camera other than FinePix S6000fd / FinePix S6500fd, 冉 a present icon appears on the screen.

Select the screen display.

Press DISP/BACK during Playback mode to change the screen display.
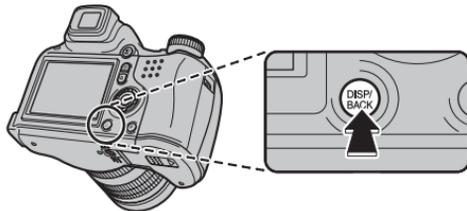
Text displayed → No text displayed

Sorting by date ← Multi-frame playback

Single-frame playback

100-0001
6M N

8/24/2008 10:00 AM

To select the required image:
Press ◀: last image
Press ▶: next image

🙂 Intelligent Face Detection

When playing back images taken with Intelligent Face Detection (→p.37) (🙂 appears on the screen), press 🙂 (Intelligent Face Detection). A frame appears around the face that detected by FinePix S6000fd / FinePix S6500fd. Press 🙂 Intelligent Face Detection to alternate the detected face. The images shot with a camera other than FinePix S6000fd / FinePix S6500fd, the frame does not appear.

Selecting images

To select images on the thumbnail lists screen, hold down ◀ or ▶ for 1 second during playback.
When releasing ◀ or ▶, camera returns to single-frame playback.

Playback zoom

1 Zoom in / Zoom out.

To zoom in an image during single-frame playback:

▼ button (Zoom out)   ▲ button (Zoom in)

◀▶ PANNING   BACK CANCEL   ◀▶ PANNING   BACK CANCEL
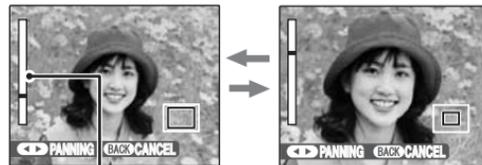
Zoom bar

Press ▲ or ▼ to zoom in or out on an image.

📝 MEMO

Press DISP/BACK to cancel playback zoom.

2 Display another part of the image.

Navigation screen (Current displayed image)

① Press ◀ or ▶ to move to another part of the image.

② Press ▲, ▼, ◀, or ▶ to display another part of the image.

✎ MEMO

Press DISP/BACK to return to the zoom setting.

■ Zoom scales

Quality mode	Max. zoom scale
6M (2848 × 2136 pixels)	Approx. 4.5×
3:2 (3024 × 2016 pixels)	Approx. 4.7×
3M (2048 × 1536 pixels)	Approx. 3.2×
2M (1600 × 1200 pixels)	Approx. 2.5×

😐 Intelligent Face Detection
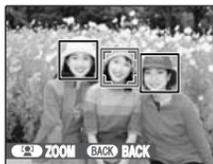
The image taken using Intelligent Face Detection (→p.37) (😐 appears on the screen). Press 😐 (Intelligent Face Detection) to alternate between detected faces. Press ▲ or ▼ to display the selected face zoomed in or out. Press ◀ or ▶ to move to another part of the image. Press ▲, ▼, ◀ or ▶ to display another part of the image.

◆ Multi-frame playback

Multi-frame playback screen (9 frames) appears on the screen. Select required frame from the 9 frames.

① Press ▲, ▼, ◀, or ▶ to move the cursor (colored frame) to the selecting frame. Press ▲ or ▼ repeatedly to jump to the next page.

② Press MENU/OK to enlarge the image.

Sorting by date

In sorting by date mode, you can view all images taken on the same day.

① Press ▲, ▼, ◀, or ▶ to move the cursor (colored frame) to the selecting frame.

② Press MENU/OK to enlarge the image.

Selecting the date

① Press ▲, ▼, ◀, or ▶ to move the cursor (colored frame) to ⇦ on the upper left frame.

② Press ◀ to display the selecting date.

③ Press ▲ or ▼ to move the cursor (colored frame) to select the date.
Press ▲ or ▼ repeatedly to jump to the next page.

④ Press ▶.

🗑 **Erasing the Images/Movies**

Use this mode to erase unnecessary images or movies to have ample free space on the **xD-Picture Card** or internal memory. Your camera calls images "frames".

⬡ Selecting FRAME or ALL FRAMES
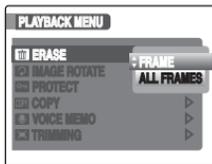
① Press MENU/OK to open the PLAYBACK MENU.

② Press ▲ or ▼ to select 🗑 ERASE.

③ Press ▶.

④ Press ▲ or ▼ to select FRAME or ALL FRAMES.

⑤ Press MENU/OK to confirm the setting.

Erasing one frame at a time (FRAME)
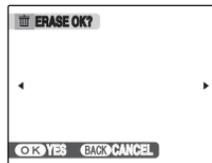
① Press ◀ or ▶ to select the erasing frame (file).

② Press MENU/OK to erase the currently displayed frame (file).

🖎 MEMO

To erase another frame (file), repeat above steps. When erasing frames (files) is completed, press DISP/BACK.

⚠ CAUTION

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

Erasing all frames (ALL FRAMES)

🔅 **ERASE ALL OK?**
IT MAY TAKE A WHILE

OK YES   BACK CANCEL

Press MENU/OK to erase all the frames (files).
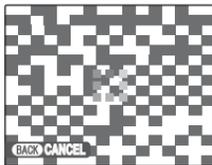
✎ **MEMO**

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

BACK CANCEL

✎ **MEMO**
• When using an **xD-Picture Card**, the images in the **xD-Picture Card** are erased. When not using an **xD-Picture Card**, the images in the internal memory are erased.
• Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (→p.106).
• If "DPOF SPECIFIED. ERASE OK?" or "DPOF SPECIFIED. ERASE ALL OK?" appears, press MENU/OK again to erase the frames (files).

⚠ **CAUTION**

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

Using the Photography Functions — Procedure of Setting

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

1 Select the Photography mode.

Turn the Mode dial to select the Photography mode. The camera settings are tailored to the scene being shot.

AUTO Auto	This is the easiest mode for taking pictures (→p.54).
🏃 Picture Stabilization	Used for selecting a fast shutter speed that reduces camera shake and moving-subject blurring (→p.54).
⚡ Natural light 🧍 Portrait ▲ Landscape SP Scene position	Select the best Shooting mode for the scene being shot (→p.55-61).
P Program AE S Shutter-priority AE A Aperture-priority AE	Used for changing 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 (→p.62-65).
M Manual	All manual settings for taking pictures (→p.67).

⚠ CAUTION

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.

2 Specify the photography settings.

Pressing buttons or selecting menu allows you to specify photography functions. You can obtain the best result for shooting.

Intelligent Face
Detection button

★ (◀)
Macro button
↯ (▶)
Flash button

🔳
Continuous
shooting button
🄯
Exposure
compensation
button
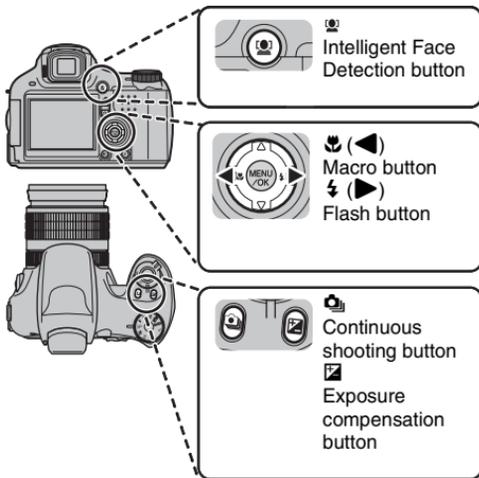
■ Specifying functions using buttons

🙂 Intelligent Face Detection	Pressing this button allows you to focus on people's faces (→p.37).
★ Macro	Used for close-up shots (→p.74).
↯ Flash	Used for shots in dark locations or for backlit subjects, etc. (→p.75).
🔳 Continuous	Used to take a series of continuous shots or to use auto bracketing (with exposure compensation) (→p.77).
🄯 Exposure compensation	Used for changing the image brightness (→p.69).

Continued ➡

Continued ➡

Advanced Features — Photography

■ **Specifying functions using ƒ-MODE MENU (ƒ button)**

🔢 ISO	Use to specify required sensitivity setting (→p.85).
🔲 QUALITY	Use to specify required image size (→p.86).
🔲 FinePix COLOR	Use to specify required color tone (→p.87).

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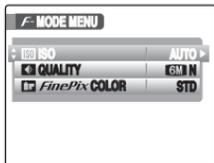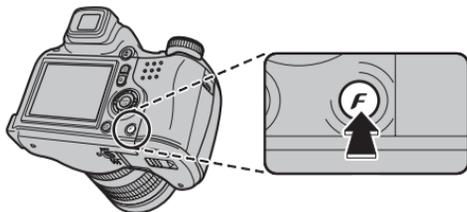
■ **Specifying functions using SHOOTING MENU (MENU/OK button)**

ⓧ SELF-TIMER	Used in situations such as group shots where the photographer is included in the shot (→p.88).
⊠ PHOTOMETRY	Use to select light metering method (set the Mode dial to P, S, A or M. When the Mode dial is set to M, Intelligent Face Detection is deactivated) (→p.90).
⬜ WHITE BALANCE	Use to adjust the color tone (only P, S, A, M) (→p.91).
⬜ HIGH-SPEED SHOOTING	Use to focus the shot quickly (→p.92).
⬜ AF MODE	Use to specify focusing mode (set the Mode dial to P, S, A, or M, to deactivate Intelligent Face Detection) (→p.93).
⬜ SHARPNESS	Use this setting to soften or emphasize the outline and quality of an image (only P, S, A, M) (→p.95).
⬜ FLASH (Brightness Adjustment)	Use this setting to adjust the amount of light emitted by the flash to suit the photography conditions or to achieve a desired effect (only P, S, A, M) (→p.95).
⬜ BRACKETING	Use this setting to photograph the same image with different exposure settings (only P, S, A, M) (→p.96).


```
SHOOTING MENU
⊠ SELF-TIMER        OFF ►
⊠ PHOTOMETRY        ⊠
⬜ WHITE BALANCE     AUTO
⬜ HIGH-SPEED SHOOTING  OFF
⬜ AF MODE           ⊞
⬜ SHARPNESS         STD
```
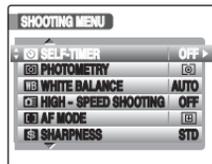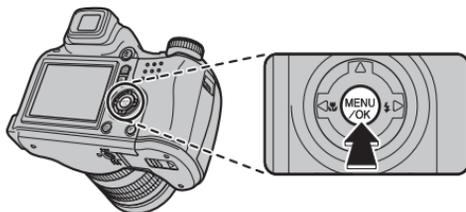
∗ This example of display appears when Intelligent Face Detection is off.

Setting the Shooting Mode

You can select the most suitable setting according to the subject by selecting one of the Shooting modes.

⬤ **AUTO** Auto

This is the easiest mode for providing crisp and clear shots.
Use this mode for ordinary photography.

Camera specifies all settings other than **F**-MODE (Quality and FinePix COLOR) automatically.

Set the Mode dial to **AUTO**.
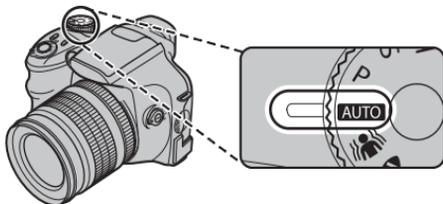
✐ CHECK

- Available flash modes:
  AUTO, ⊕, ⚡, ⊕
- Only AUTO can be selected for the **ISO** ISO (sensitivity) setting.

⬤ ⫽⊛⫽ Picture Stabilization

Use this mode to select a fast shutter speed that reduces camera shake and moving-subject blurring.

Set the Mode dial to ⫽⊛⫽.

✐ CHECK

- Available flash modes:
  AUTO, ⊕, ⚡, ⊕
- Only AUTO can be selected for the **ISO** ISO (sensitivity) setting.

◆ 🅝 Natural Light / 🅝⚡ Natural & ⚡

Use this mode to select 🅝 NATURAL LIGHT or 🅝⚡ NATURAL & ⚡.

Select the 🔲 SCENE POSITION setting in the SHOOTING MENU.

Set the Mode dial to 🅝.

🔍 CHECK

Only AUTO can be selected for the 🅸🆂🅾 ISO (sensitivity) setting.

■ Selecting 🅝 NATURAL LIGHT / 🅝⚡ NATURAL & ⚡.
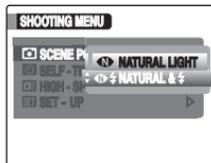
```
SHOOTING MENU

🔲 SCENE PO    🅝 NATURAL LIGHT
🔳 SELF-T       🅝⚡ NATURAL & ⚡
🔳 HIGH-S
🔳 SET-UP                      ▶
```

① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select 🔲 SCENE POSITION.

③ Press ▶.

④ Press ▲ or ▼ to select 🅝 NATURAL LIGHT or 🅝⚡ NATURAL & ⚡.

⑤ Press MENU/OK to confirm the setting.

Continued ➡

Advanced Features — Photography

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◐ **NATURAL LIGHT**

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.

Camera sets the high-sensitivity setting when selecting
the Natural light mode. This mode is effective for reducing
camera shake and moving-subject blurring when taking
pictures in low-light conditions.

✓ **CHECK**

Flash cannot be used in the Natural light mode.

◐✦ **NATURAL & ✦**

This mode shoots 2 images continuously without flash
and with flash. Shooting with flash allows you to take a
picture of a main subject brightly. Shooting without flash
produces beautiful images that retain the natural
ambience. This mode is useful for shooting 2 different
types of pictures at the same time.

When pressing the shutter button, first picture is taken
without flash and next picture is taken with flash.
Always 2 pictures are taken per 1 shot.
Do not move the camera until the shooting ended.

✐ **MEMO**

This mode helps to avoid failed shots that may occur
when using other Shooting modes when taking a picture
against the sun, etc.

✓ **CHECK**

- Flash fires automatically. Do not use this mode at
  situations where the flash cannot be used.
- Available flash modes ◐, ✦.

⚠ **CAUTION**

- When there is insufficient space on the **xD-Picture
  Card** or internal memory for 2 shots, a picture cannot be
  taken.
- Continuous shooting is disabled when setting ◐✦.
- When setting ◐✦, CCD-RAW (→p.128) cannot be set.

♟ Portrait

Use this mode for photography to get beautiful skin tones and soft overall tone.

Set the Mode dial to ♟.

✔ CHECK

- Available flash modes
  AUTO, 👁, 𝟒, 🚫, S𝟒, 🐾
- Only AUTO can be selected for the 🅸🆂🅾 ISO (sensitivity) setting.

▲ Landscape

Use this mode for shooting scenery in daylight and provides crisp, clear shots of scenery such as buildings and mountains.

Set the Mode dial to ▲.

✔ CHECK

- Flash cannot be used in the Landscape mode.
- Only AUTO can be selected for the 🅸🆂🅾 ISO (sensitivity) setting.

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SP **Scene Position**

This mode provides the best scene position setting for the scene being shot. Choose from 10 types of Shooting modes.

The Shooting mode is selected from ◉ SCENE POSITION in SHOOTING MENU.

Set the Mode dial to SP.

✐ CHECK

- See p.76 for information on the available flash modes.
- Only AUTO can be selected for the 🔢 ISO (sensitivity) setting.
- ◉▪ 𝑭-CHROME (→p.87) in 🎨 FinePix COLOR cannot be set.

■ **Selecting Scene position setting**

```
SHOOTING MENU
◉ SCENE POS    ✦ SPORT
⊙ SELF-TIMER   ☾ NIGHT
⊟ HIGH-SPEED   ✿ FIRE WORKS
▦ SET - UP     ⛱ SUN SET
               ❄ SNOW
               ✤ BEACH
```

① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select ◉ SCENE POSITION.

③ Press ▶.

④ Press ▲ or ▼ to select the setting.

⑤ Press MENU/OK to confirm the setting.

✖ SPORT

Use this mode to take pictures of a moving subject.
It gives priority to faster shutter speeds.

✅ CHECK

When setting ✖ Sport mode, the camera sets to ⬛ High-speed shooting mode (→p.92) automatically.

☽ NIGHT

Use this mode for shooting evening and night scenes.

A picture is taken with a slow shutter of up to 4 seconds.

✅ CHECK

Use a tripod to prevent camera shake, because a picture is taken with a slow shutter.

☀ FIREWORKS

Use this mode to shoot fireworks.
It is effective for taking more vivid shots of fireworks with a slow shutter.

✅ CHECK

- Flash cannot be used in the Fireworks mode.
- Shutter speed setting: 1/2 sec. to 4 sec.
- Use a tripod to prevent camera shake in the Fireworks mode.

■ Selecting the exposure time setting

```
⑤                           6M N 25



        ┌ ┐
        ⌊+⌋



               8/24/2006  10:00 AM
☀  2"↕
```
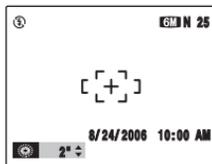
Press ▲ or ▼ to select the exposure time.

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▤ SUNSET

Use this mode to shoot sunset, making the colors more vivid.

▤ SNOW

Use this mode to prevent darkening images and provide crisp, clear shots, when shooting at snowy scene where the whole screen appears white.

▤ BEACH

Use this mode to prevent darkening images and provide crisp, clear shots, when shooting at beach under strong sunlight.

▤ MUSEUM

Use this mode for taking pictures in places such as museum where the use of flash and making an operation sound and a shutter sound are restricted.
Flash mode is forcibly set to Suppressed flash, and operation sound, shutter sound, and the AF-assist illuminator/self-timer lamp are off.

✎ MEMO

Check whether photography is permitted before using this mode.

▤ PARTY

Use this mode for shooting at indoor wedding and party.
This mode produces beautiful images that retain the natural ambience when shots are taken in low-light conditions.

❋ FLOWER

Use this mode to take clear close-up shots when zooming up a flower. It is effective for taking more vivid shots of flower petal.

✍ CHECK

- Flash cannot be used in the Flower mode.
- Focal range
  Wide angle:
  Approx. 1 cm to 2.0 m (0.4 in. to 6.6 ft.)
  Telephoto:
  Approx. 90 cm to 2.0 m (3.0 ft. to 6.6 ft.)

TEXT TEXT

Use this mode to shoot documents and white board. It is effective for taking clearer shots of letters.

✍ CHECK

Focal range
Wide angle:
Approx. 1 cm to 2.0 m (0.4 in. to 6.6 ft.)
Telephoto:
Approx. 90 cm to 2.0 m (3.0 ft. to 6.6 ft.)

P **Program AE**

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 S Shutter-priority Auto and A Aperture-priority Auto modes (Program shift).

Set the Mode dial to P.

Photography functions:
• 回 PHOTOMETRY (→p.90)
• WB WHITE BALANCE (→p.91)
• AF MODE (→p.93)
• S SHARPNESS (→p.95)
• FLASH (→p.95)
• BRACKETING (→p.96)

■ **Program shift**

	GM N 25
	ISO 100
	[+]
	8/24/2006 10:00 AM
P	60 ◆ F2.0
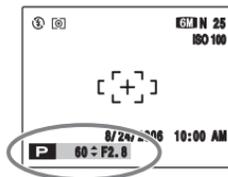
Select different shutter speed and aperture setting combinations without changing the exposure setting.

✅ **CHECK**

Available flash modes
AUTO, ⓐ, ⚡, ⚡, S⚡,

✎ **MEMO**

• 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
  - Switching the flash setting
  - Setting the camera to Playback mode
  - Turning the camera off

⚠ **CAUTION**
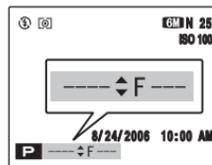
	GM N 25
	ISO 100
	---- ◆ F ----
	8/24/2006 10:00 AM
P	---- ◆ F ----

• 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.

• Program shift can be used when ⚡ SUPPRESSED FLASH (→p.75) is set in flash mode.

⬡ S **Shutter Priority AE**

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).

Set the Mode dial to S.

Photography functions:
- 📷 PHOTOMETRY (→p.90)
- 🎚 WHITE BALANCE (→p.91)
- 📳 AF MODE (→p.93)
- 🟦 SHARPNESS (→p.95)
- 🔲 FLASH (→p.95)
- 🔳 BRACKETING (→p.96)

✓ CHECK

Available flash modes
👁, ⚡, ⚡

■ Setting the shutter speed

⚡ 📷		🔲 N 25
		ISO 100
	[+]	
	8/24/2006 10:00 AM	Shutter speed
S 1000 ⇕ F2.8		
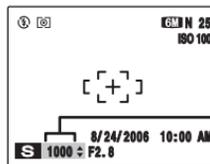
① Press ▲ or ▼ to select the shutter speed.

② Press the shutter button to take pictures.

✓ CHECK

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

⚠ CAUTION
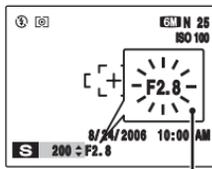
Lit red

When the correct exposure cannot be obtained with selected shutter speed, the aperture setting appears in red. When this occurs, adjust the shutter speed again.
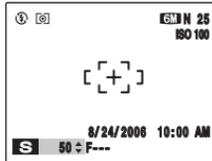
When the brightness of the subject is outside the camera's brightness metering range, "F---" appears as the aperture setting. When this occurs, press the shutter button down halfway to measure the light level again.

Shutter speed

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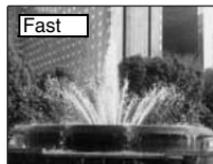
Freezes the motion of the subject.

Photographs the traces left by the subject's movement.

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A **Aperture Priority AE**

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).

Set the Mode dial to A.

Photography functions:
- 🔘 PHOTOMETRY (→p.90)
- 🎚 WHITE BALANCE (→p.91)
- 🔳 AF MODE (→p.93)
- 🔲 SHARPNESS (→p.95)
- 🔆 FLASH (→p.95)
- 🔳 BRACKETING (→p.96)

🗹 **CHECK**

Available flash modes
👁, 🔆, ⚡, S🔆, 🔛

■ Setting the aperture
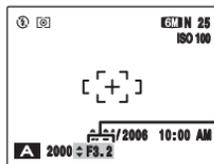
Aperture

① Press ▲ or ▼ to select the aperture.

② Press the shutter button to take pictures.

🗹 **CHECK**

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

⚠ CAUTION

When the correct exposure cannot be obtained with selected aperture setting, the shutter speed appears in red. When this occurs, adjust the aperture setting again. When ⚡ FORCED FLASH is set, you can take a picture with a shutter speed of up to 1/45 sec.
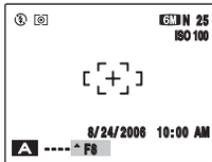
Lit red

When the brightness of the subject is outside the camera's brightness metering range, "----" appears as the shutter speed. When this occurs, press the shutter button down halfway to measure the light level again.

Aperture

By adjusting the aperture, you can change the depth of focus (depth of field). Selecting a larger number of aperture (closed) obtains a larger depth of focus. Selecting a smaller number of aperture (open) has the area in front of and behind the subject out of focus.

Closed
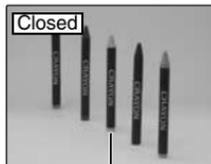
The area in front of and behind the subject is also in focus in the shot.

Main subject

Open
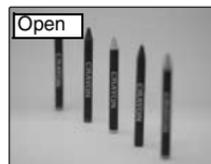
The area in front of and behind the subject is out of focus.

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M **Manual**

This is a shooting mode that allows for settings including the shutter speed and aperture.
Set the Photography functions to manual to easily control yourself.

Set the Mode dial to M.

Photography functions:
- 📷 PHOTOMETRY (→p.90)
- 📖 WHITE BALANCE (→p.91)
- ▣ AF MODE (→p.93)
- 📐 SHARPNESS (→p.95)
- 🔁 FLASH (→p.95)
- ▣ BRACKETING (→p.96)

✔ **CHECK**

Available flash modes:
👁, ⚡, ⚡

■ **Setting the shutter speed**
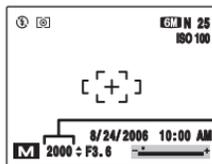
Shutter speed

① Press ▲ or ▼ to select the shutter speed.

② Press the shutter button to take pictures.

✔ **CHECK Shutter speed setting**

30 sec. to 1/4000 sec. in 1/3 EV increments

🖊 **MEMO**

- Use a tripod to prevent camera shake.
- In shots with long exposures, noise (dots) may appear on the image.

⚠ **CAUTION**

If the shutter speed is set to a speed faster than 1/2000 sec., smearing (white stripes) may appear in the image (→p.181).

■ Setting the aperture
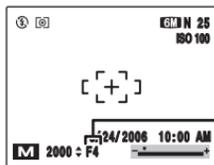
Aperture

① Hold down ☒.
Press ▲ or ▼ to select the aperture.

② Press the shutter button to take pictures.

✔ CHECK Aperture settings

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

✎ MEMO

Explanation of Terms "EV" (→p.181).

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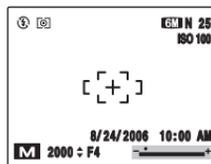
Use the exposure indicator on the screen as a guide when setting the exposure.When the brightness of the subject is outside the camera's brightness metering range, the exposure indicator disappears on the screen.

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Adjusting the Image Brightness (Exposure Compensation)

Use this menu for shots to get the correct brightness (exposure), such as shots with extremely high contrast between the subject and the background.
Available Photography modes: P, S, A (→p.62, 63, 65)

Adjusting exposure compensation

Press to display the exposure compensation setting screen.
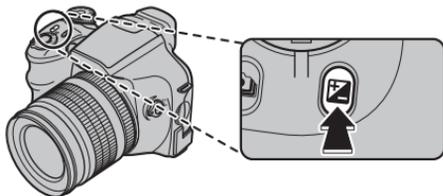
! CAUTION

This function can only be used for P, S, or A in Shooting mode.
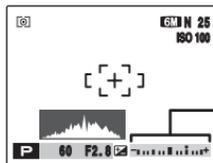
Exposure Compensation indicator

① Hold down . Press ◀ or ▶ to set the compensation value.

② Press the shutter button to take pictures.

☑ CHECK

- The symbol indicating the compensation direction (– or +) turns yellow.
- The icon also turns yellow while exposure compensation is being set and then turns blue after setting is completed.
- The screen brightness will increase or decrease depending on the exposure compensation setting.

Continued ➡

positive (+) compensation

negative (–) compensation
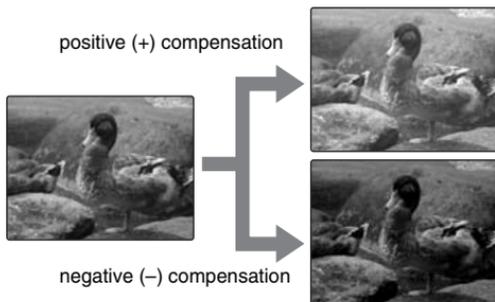
✅ CHECK

- Compensation range: –2 EV to +2 EV (13 steps in 1/3 EV increments)
- Explanation of Terms "EV" (→p.181)

✏ MEMO

- This setting is retained when the mode is changed or the camera is turned off (⊠ icon appears). Set the exposure compensation to "0" unless compensation is required.
- Any of the following disables exposure compensation:
  - Using the flash in AUTO or ⚫ mode
  - Shooting dark scenes in ⚡ mode

Guide to compensation

- Backlit portraits: +2 steps to +4 steps (+2/3 EV to +1 2/3 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 (–2/3 EV)
- Scenes with low reflectivity, such as shots of pine trees or dark foliage: –2 steps (–2/3 EV)

Continuous AF

Use this button to take pictures of a moving subject. Using Continuous AF mode reduces the time required for focusing.

Available Photography modes: All (except for ◎)

① Set the Focus mode selector switch to C-AF.
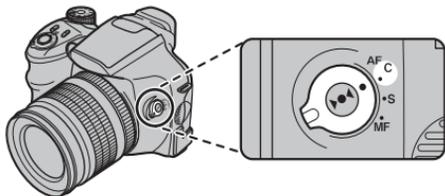
② Frame the shot so that the subject fills the entire AF frame. The camera continues to focus on the main subject in the AF frame.
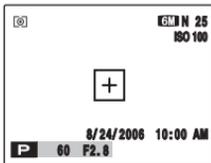
③ Press the shutter button down halfway to focus on the subject, and then press it down fully to take the picture.

Double beep | Click

Halfway pressed | **Fully pressed**
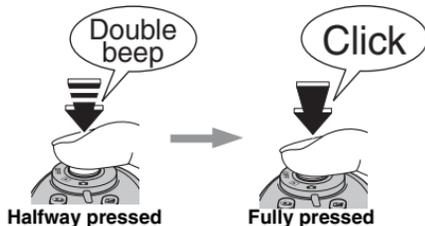
⚠ CAUTION

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.

Manual focus

Use manual focus to lock the focus for a shot.
Available Photography modes: All

① Set the Focus mode selector switch to MF.
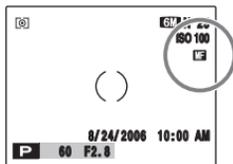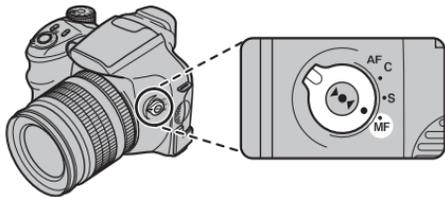
The ⅯⒻ appears on the screen.

ⓘ CAUTION

- Manual focus cannot be used in the 🎥 Movie mode.
- 🎞 AF MODE (→p.93) in SHOOTING MENU cannot be set.

② Press ▶●◀ to focus on the subject in the focus frame.
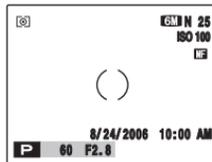
A focusing indicator mark appears on the screen. Check whether ( ) mark appears in yellow.

✎ MEMO
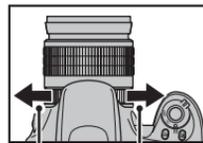
When the ( ) mark is not yellow, turn the focus ring until the ( ) mark appears in yellow.

Long range

Close range

■ Focusing indicator marks

The focus indicator marks in the following table appear when the area of focus is almost in focus. Use the marks to focus the shot.

( ) **(Yellow)**	The shot is focused.
( )	The focus is set too close. Turn the focus ring clockwise.
( )	The focus is set too far. Turn the focus ring counterclockwise.

🖎 MEMO

- If the focus is set to infinity using manual focusing, position the ( ) mark on a subject close to infinity. Continuing to turn the focus ring will move the focus position beyond infinity and defocus the image.
- The image will not be focused if the camera is moved. Use a tripod to prevent camera shake and manually focus more effectively.

One-touch AF function

Use this function to focus the shot quickly. Pressing ▶●◀ , the camera uses the autofocus function to focus on the subject.

⚠ CAUTION

- The focus indicator does not appear in One-touch AF mode.
- Pressing ▶●◀ (One-touch AF) when the shooting mode is ☀ , to set focus to infinity.

♣ **Macro (Close-up)**

Use this mode to take close-up shots.
Available Photography modes: AUTO, 🏃, ❶, ⚫️⚡,
♣⚡, P, S, A, M

Press ♣ (◀) to select Macro mode.
The Macro mode setting changes each time you press the
♣ (◀).
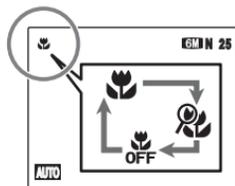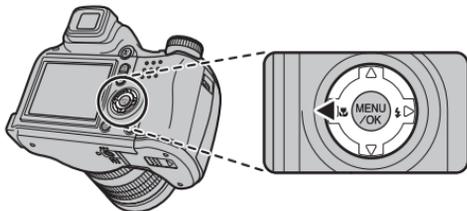
♣ or ♣ appears on the screen indicating that you can take close-up shots.

⚠ CAUTION

- The flash cannot be used when Super macro is set.
- Super macro cannot be used when ⚫️⚡ NATURAL & ⚡ is set.

✍ CHECK

- Focal range
  Wide angle:
  Approx. 10 cm to 3.0 m (3.9 in. to 9.8 ft.)
  Telephoto:
  Approx. 90 cm to 3.0 m (3.0 ft. to 9.8 ft.)
- Focal range in Super macro
  Approx. 1 cm to 1.0 m (0.4 in. to 3.3 ft.) (Wide-angle only)
- Effective flash range
  Wide-angle:
  Approx. 30 cm to 2.0 m (1.0 ft. to 6.6 ft.)
  Telephoto:
  Approx. 90 cm to 2.0 m (3.0 ft. to 6.6 ft.)

✐ MEMO

- Use a tripod to prevent camera shake in Macro mode.
- Any of the following cancels Macro mode:
  - Changing the Mode dial to 🎏, 🔺, SP (except for ♣⚡) or 🎬 mode
  - Turning the camera off
- If the flash is too bright, use flash brightness adjustment (→P.95).
- Even if 🔲 MULTI (→p.93) in the 🔲AF-mode is set, the camera focuses near the center of the screen.
- AF-assist may not function correctly if the camera is up close to the subject, such as in macro-mode.

Super macro
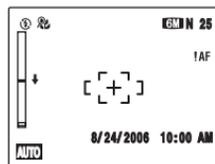
Use the lens at the wide-angle zoom setting in Super macro mode. If your camera select any other settings, ⬇ and ❗AF appear on the screen. Turn the zoom ring to adjust zoom setting as indicated ⬇ .

✦ Setting the Flash (Intelligent Flash)

Flash photography is useful for taking pictures at night or indoor dark locations. Choose from 6 flash modes according to the type of shot. See p.76 for information on the available Photography modes.

✎ MEMO

By calculating subject distance and brightness, the camera automatically adjusts the flash amount and sensitivity to suit shooting conditions. This maintains consistent balance of bright/dark areas across the image in low-light conditions (dimly-lit room, etc). The Intelligent Flash feature guarantees consistent results when using the flash.

The flash setting changes each time you press ✦ (▶).
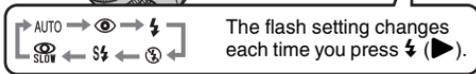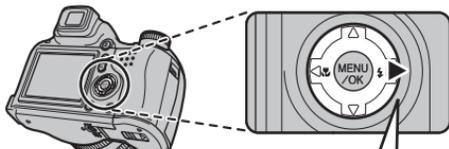
✎ MEMO

When pressing the shutter button down halfway, 🄵 appears on the screen before the flash fires.

AUTO Auto flash (not displayed)

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

◉ RED EYE REDUCTION

This mode is suitable for shooting portraits in low-light conditions.
Use this mode to minimize red-eye (eyes appear in red in the finished photo).

✎ MEMO Red-eye effect

When using the flash to take a picture of people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye.

✦ FORCED FLASH

Use this mode in backlit scenes, 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.

ⓔ SUPPRESSED FLASH

This mode is suitable for situations where the flash cannot be used.
Use a tripod to prevent camera shake when shooting in Suppressed flash mode in the dark condition.
Any time, flash does not fire.

S✦ SLOW SYNCHRO, 🄢 RED EYE & SLOW

This mode 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.
Using 🄢 synchronizes Red-eye reduction mode.
Using ☾ selects slow shutter speeds of up to 4 seconds.

⚠ CAUTION

In bright scenes, overexposure may occur.

✅ CHECK

List of available flash modes in each Photography mode

	AUTO	⊙	4	⊛	S4	🐌
AUTO	✓	✓	✓	✓		
👥	✓	✓	✓	✓		
⊙				✓		
⊙4		✓	✓			
🍃	✓	✓	✓	✓	✓	✓
▲				✓		
🏃	✓		✓	✓		
C				✓	✓	✓
☼				✓		
🏔		✓		✓		
🐛	✓	✓	✓	✓		
🧍	✓	✓	✓	✓		
OFF				✓		
🍸		✓				
❄				✓		
TEXT			✓	✓		
P	✓	✓	✓	✓	✓	✓
S		✓	✓	✓		
A		✓	✓	✓	✓	✓
M		✓	✓	✓		

✅ CHECK

Effective flash range (🔲 : AUTO)
Wide-angle:
Approx. 60 cm to 8.3 m (2.0 ft. to 27.2 ft.)
Telephoto:
Approx. 2.0 m to 4.6 m (6.6 ft. to 15.1 ft.)
If you take pictures outside of the effective flash range, the image may appear dark even if the flash is used.

⚠ CAUTION Notes on using flash

- 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.
- If pressing the shutter button while the flash is charging (indicator lamp blinking orange), the picture will be taken without the flash (when using AUTO and ⊙).
- The flash charging time may increase when the batteries are low on charge.
- When taking a picture using the flash, the image may disappear and go dark briefly due to flash charging. The indicator lamp blinks orange during charging.
- The flash fires several times (pre-flashes and the main flash). Do not move the camera until the picture is taken.

Popping the flash up automatically
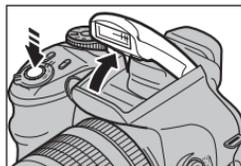
The flash pops up automatically and fires as required by the shooting conditions. Set to ⊛ Suppressed flash mode when you want to take pictures without flash.

🔲 Taking pictures continuously

Use this mode to take pictures of a moving subject.
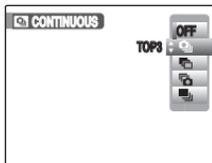
Hold down 🔲. Press ▲ or ▼ to select the Continuous shooting mode. Release 🔲 to confirm your selection.

🔲: TOP 3 continuous shooting
🔳: Auto bracketing
🔳: FINAL 3 continuous shooting
🔳: LONG PERIOD continuous shooting

⚠ CAUTION

• 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 **xD-Picture Card** or internal memory. When auto bracketing, if there is insufficient space on the **xD-Picture Card** or internal memory to record 3 frames, no pictures are taken.
• The focus is determined in the first frame and cannot be changed in mid-sequence (except for LONG PERIOD).
• The exposure is determined in the first frame, but 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 flash cannot be used as the flash mode is set to ⊛ SUPPRESSED FLASH (→p.75). However, when the mode is changed back to normal photography, the flash setting specified before continuous shooting was selected is restored.
• For TOP 3, Auto bracketing and FINAL 3 continuous shooting, the results are always displayed after you shoot. Note that pictures taken using LONG PERIOD continuous shooting are recorded without displaying the results.
• In FINAL 3 and LONG PERIOD continuous shooting mode, only 1 frame can be shot when using the FINAL 3 / LONG PERIOD continuous shooting mode and Self-timer mode together.
• Continuous shooting cannot be selected in ⊕⚡ NATURAL & ⚡.
• File recording time using TOP3, Auto bracketing, or FINAL 3 may increase when record to an **xD-Picture Card** or internal memory.

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📷 TOP 3 continuous shooting

Available Photography modes: All (except for 📷⚡)

Shooting continues as long as holding the shutter button down. This mode shoots up to 3 frames (max. 2.2 frames/sec.).

📷 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.
Ⓐ is correctly exposed, Ⓑ is overexposed and Ⓒ is underexposed.
The exposure range settings can be changed in 📷 Bracketing in the SHOOTING MENU.

✅ CHECK

Auto bracketing settings (3) ±1/3 EV, ±2/3 EV, ±1 EV

⚠ CAUTION

• If the underexposed or overexposed frame is outside the camera's control range, the picture is not taken with the specified setting increments.
• This function can only be used for P, S, A or M in Shooting mode.

📝 MEMO Changing the setting (exposure range)
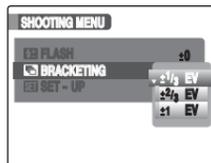
Press the MENU/OK to display the menu and change the setting in the 📷 BRACKETING menu option (→p.96).

SHOOTING MENU
FLASH ±0
BRACKETING ±1/3 EV
SET – UP ±2/3 EV
±1 EV

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■ FINAL 3 continuous shooting

Available Photography modes: All (except for ⚡✦)

Shooting continues as long as holding the shutter button down.
This mode shoots up to 40 times (max. 2.2 frames/sec.).
The camera records the final 3 frames shot when you release the shutter button.
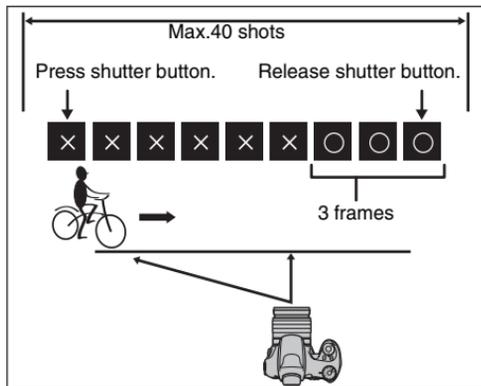
■ LONG PERIOD continuous shooting

Available Photography modes: All (except for ⚡✦)

Shooting continues as long as holding the shutter button down. This mode shoots up to **xD-Picture Card** or internal memory end.
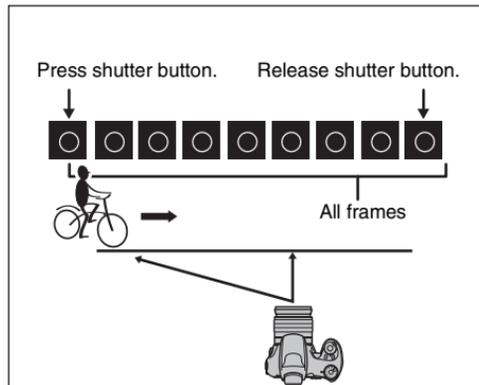
✎ **MEMO**

Continuous shooting mode and assist window (→p.43) can be used together.

☼ Increasing Monitor Brightness

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

● Increasing the screen brightness

Press DISP/BACK while pressing ⊡. The screen becomes bright.
Press DISP/BACK while pressing ⊡ again to cancel the function.
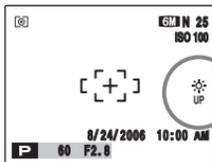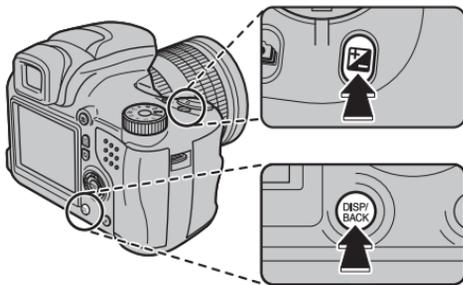
☼ UP blinks on the screen when the function is on.

✎ **MEMO**

• 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.
• This function is purely for checking the composition of your shot. It does not increase the brightness of the 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.

Using F-MODE MENU (Photography)/SHOOTING MENU

Use these menus to adjust image quality or focus. You can take pictures in a wide range of conditions.

Setting the F-MODE MENU (Photography)
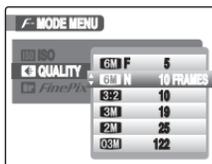
F ① Press F to open the F-MODE MENU.

② Press ▲ or ▼ to select the menu.

③ Press ▶.

④ Press ▲ or ▼ to change the setting.

⑤ Press MENU/OK to confirm the setting.

Setting the SHOOTING MENU
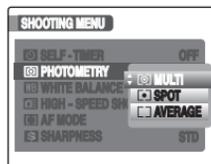
∗ This example of display appears when Intelligent Face Detection is off.

① Press MENU/OK to open the SHOOTING MENU.

② Press ▲ or ▼ to select the menu.

③ Press ▶.

④ Press ▲ or ▼ to change the setting.

⑤ Press MENU/OK to confirm the setting.

Continued ➡

■ List of *F*-MODE MENU options

Menu	Functions	Settings	Factory default
🔟 ISO (→p.85)	Specifies required sensitivity setting of the ambient light around the subject. The larger value of the sensitivity, the higher sensitivity is obtained. The higher sensitivity settings will allow you to take pictures in darker locations.	AUTO/3200/1600/ 800/400/200/100	200
🔢 QUALITY (→p.86)	Specifies the image size.The larger image size, the better image quality is obtained. The smaller image size, the larger number of images are recorded.	6MF/6MN/3:2/ 3M/2M/03M	6MN
🎨 FinePix COLOR (→p.87)	Specifies required color tone.This mode is effective for taking more vivid shots or black and white shots.	STD/Ⓒ/Ⓑ	STD

■ List of SHOOTING MENU options

Menu	Functions	Settings	Factory default
🎬 SCENE POSITION (→p.55)	This setting can be used when the Mode dial is set to 🌸. Use this setting to provide the best photography menu setting for the scene being shot.	🌸/🌸⚡	🌸
🎬 SCENE POSITION (→p.58)	This setting can be used when the Mode dial is set to SP. Use this setting to provide the best photography menu setting for the scene being shot.	🏃/🌙/🌇/🌆/🌼/ 🏔/⌨/🍷/❄/📄	🏃
⏱ SELF-TIMER (→p.88)	This setting can be used with any of the modes. Used in situations such as group shots where the photographer is included in the shot.	⏱ (10 seconds)/ ⏱ (2 seconds)/OFF	OFF
📷 PHOTOMETRY (→p.90)	This setting can be used when the Mode dial is set to P, S, A or M. When M is set, Intelligent Face Detection is deactivated. Use this setting to specify the light metering method.	⊙/•/▢	⊙ (When the Intelligent Face Detection is off)
🎨 WHITE BALANCE (→p.91)	This setting can be used when the Mode dial is set to P, S, A or M. Use this setting to adjust the color balance to suit the color of the ambient light around the subject.	AUTO/🏠/☀/🌤/💡/ 💡/💡/🔆	AUTO

Menu	Functions	Settings	Factory default
📷 HIGH-SPEED SHOOTING (→p.92)	This setting can be used with any of the modes. This setting is always set to ON when the Photography mode is set to ✹. Use this setting to reduce the time required for focusing.	ON/OFF	OFF
🔲 AF MODE (→p.93)	This setting can be used when the Mode dial is set to P, S, A, or M, and Intelligent Face Detection is off. Use this setting to specify the focusing mode.	回/⊞/⊡	回 (When the Intelligent Face Detection is off)
🆂 SHARPNESS (→p.95)	This setting can be used when the Mode dial is set to P, S, A or M. Use this setting to soften or emphasize the outline of an image.	HARD/STANDARD/SOFT	STANDARD
🔆 FLASH (→p.95)	This setting can be used when the Mode dial is set to P, S, A or M. Use this setting to adjust the amount of light emitted by the flash to suit the photography conditions or to achieve a desired effect.	–2/3 EV to +2/3 EV in approx. 1/3 EV increments	0
🔳 BRACKETING (→p.96)	This setting can be used when the Mode dial is set to P, S, A or M. Use this setting to photograph the same image with different exposure settings.	±1/3 EV, ±2/3 EV, ±1 EV	±1/3 EV

Advanced Features — Photography

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📝 **MEMO**

The options available in the SHOOTING MENU vary depending on whether the mode is selected.

- **AUTO**, 🏃, 🌷, ▲
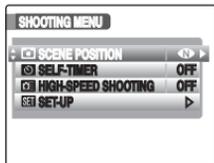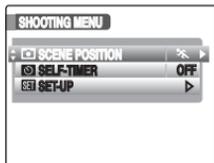
```
SHOOTING MENU
  ◎ SELF-TIMER        OFF ▶
  ▣ HIGH-SPEED SHOOTING  OFF
  SET SET-UP           ▷
```

- 🌙, 📷⚡, ☾, ☀, 🏖, 🌺, 🏔, ❄OFF, 🍸, ✳, TEXT

```
SHOOTING MENU
  ◎ SCENE POSITION     🌙 ▶
  ◎ SELF-TIMER         OFF
  ▣ HIGH-SPEED SHOOTING  OFF
  SET SET-UP           ▷
```

- 🏃

```
SHOOTING MENU
  ◎ SCENE POSITION     🏃 ▶
  ◎ SELF-TIMER         OFF
  SET SET-UP           ▷
```

- P, S, A, M

```
SHOOTING MENU
  ◎ SELF-TIMER         OFF ▶
  ◎ PHOTOMETRY         ◎
  ▣ WHITE BALANCE      AUTO
  ▣ HIGH - SPEED SHOOTING  OFF
  ◎ AF MODE            ▣
  ◎ SHARPNESS          STD
```

＊ This example of display appears when Intelligent Face Detection is off.

F-MODE MENU (Photography)

Changing the sensitivity setting ($\boxed{\text{ISO}}$ ISO)

Use this menu to specify required sensitivity setting of the ambient light around the subject.

The larger value of the sensitivity, the higher sensitivity is obtained. The higher sensitivity settings will allow you to take pictures in darker locations.

🔍 CHECK

- **Settings**
  AUTO/100/200/400/800/1600/3200
  Selecting AUTO as the sensitivity setting, the camera selects the best sensitivity setting for the subject's brightness.
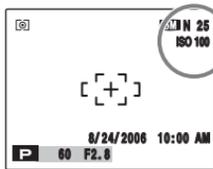
The selected sensitivity setting appears on the screen when the sensitivity setting is set to another setting excluding AUTO.

📝 MEMO

- When anything other than P, S, A and M in the Photography mode is selected, only AUTO can be selected for the ISO (sensitivity) setting.
- When P, S, A and M in the Photography mode is selected, AUTO cannot be selected for the ISO (sensitivity) setting.

⚠ CAUTION

Although higher sensitivity settings will allow you to take pictures in darker locations, they will also increase the amount of speckling in your images. Choose the sensitivity setting that best suits the conditions.

Changing the quality setting (QUALITY)

Use this menu to specify the image size (number of recorded pixels).
Select the quality setting for the scene being shot.

Quality settings in Photography mode

Quality mode	Sample uses
6M F (2848 × 2136) **6M** N (2848 × 2136) **3:2** (3024 × 2016)	Printing at up to 10R (25.4 × 30.5 cm/ 10 × 12 in.) / A4 size For better quality, select **6M** F
3M (2048 × 1536)	Printing at up to 6R (15.2 × 20.3 cm/ 6 × 8 in.) / A5 size
2M (1600 × 1200)	Printing at up to 4R (10.2 × 15.2 cm/ 4 × 6 in.) / A6 size
03M (640 × 480)	To use for e-mail or web site

Area shot and quality setting

Area shot excluding 3:2   **Area shot with 3:2**

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

✎ MEMO

- The bigger the number of recorded pixels, the better the image quality becomes. As the number of recorded pixels becomes smaller, you will be able to record more frames to an **xD-Picture Card**.
- The quality setting is retained even when the camera is turned off or the mode setting is changed.
- When changing the quality setting, the number of available frames also changes (→p.179). The numbers to the right of setting show the number of available frames.

⚠ CAUTION

 Quality cannot be selected when setting CCD-RAW (→p.128).

⬡ **Changing the FinePix COLOR setting (⬜ FinePix COLOR)**

Use this menu to specify required color tone.
It is effective for taking vivid shots or black and white shots.

✅ CHECK

FinePix COLOR settings

STD **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 mode is effective for taking more vivid shots of subjects such as flowers.
🔲 **F**-B&W	This mode 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.

⚠ CAUTION

When the Mode dial is set to ♥, ▲ or SP, 🔲 does not appear on the screen.

✎ MEMO

F-CHROME may have little visible effect with some subjects or the scene being shot. You may not be able to see any difference on the screen.

Advanced Features — Photography

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Self-Timer (⏱ SELF-TIMER)

Available Photography modes: All
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.

```
⏱                    6M N 25

        [ + ]

        8/24/2006  10:00 AM
AUTO
```
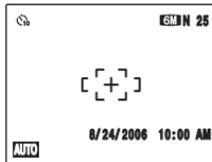
⏱₁₀: The picture is taken after 10 seconds.

⏱₂: The picture is taken after 2 seconds.

😀 Intelligent Face Detection

If suitable focus cannot be achieved, after setting the self-
timer, press 😀 (Intelligent Face Detection). You can
take a picture with the face in focus by detecting the face
automatically. This is convenient when taking a self
portrait.

1 **Press the shutter button down halfway to focus on the subject and press the shutter button fully.**

Double beep | Beep

Halfway pressed | **Fully pressed**
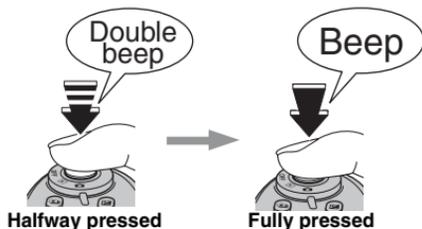
Pressing the shutter button down halfway that focuses
on the subject.
Without releasing the shutter button, press the button
all the way down (fully pressed) to start the self-timer.

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2 **Take pictures in selected time.**

A picture is taken after the self-timer lamp changes from lit to blinking (only blinks with the 2-second self-timer).
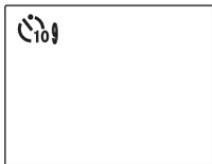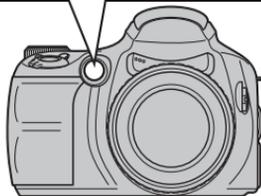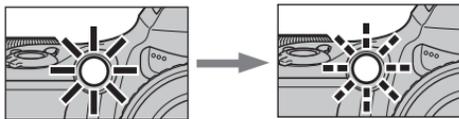
A countdown appears on the screen indicating the time remaining until the picture is taken.

Using the 2-second self-timer
This is useful when you worry about camera shake even if attaching the camera on a tripod.

✎ **MEMO**

• To stop the self-timer, once it has started running, press DISP/BACK.
• Any of the following cancels the self-timer setting:
  - Completing the shooting
  - Changing the Photography mode setting
  - Setting the camera to Playback mode
  - Turning the camera off
• Take care not to stand in front of the lens when pressing the shutter button as this can prevent the correct focus or brightness (exposure) from being achieved.

Advanced Features — Photography

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Selecting light metering method (⊡ PHOTOMETRY)

Available Photography modes: P, S, A, M
(M is set, and Intelligent Face Detection is off)

Use this setting when the correct exposure cannot be obtained by the shooting conditions.
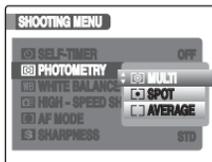
∗ This example of display appears when Intelligent Face Detection is off.

[⊙] 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.

◆ Adjusting color balance (▣ WHITE BALANCE)

Available Photography modes: P, S, A, M

Adjust the color balance based on white to suit the color of the ambient light around the subject.
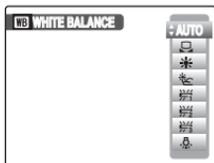
AUTO: Automatic adjustment
- ♘ : Select the white balance be using white paper to suit the shooting conditions.
- ☀ : Shooting outdoors in good weather
- ⛅ : Shooting in shade
- ㈡ : Shooting under Daylight fluorescent lamps
- ㈡ : Shooting under Warm White fluorescent lamps
- ㈡ : Shooting under Cool White fluorescent lamps
- ☖ : Shooting in incandescent light

♘ Custom white balance

① Select ♘ custom white balance (→p.81).

② Hold a piece of white paper under the light source for setting the white balance, so that it fills entire the screen. Then press the shutter button to set the white balance.
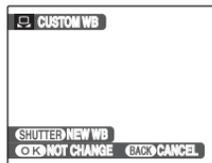
✎ MEMO
- The white balance setting does not affect the image shown on the screen.
- To use the white balance set previously, press the MENU/OK without pressing the shutter button.

③ When the correct exposure is measured, "COMPLETED!" appears. Press MENU/OK to confirm the setting.

Advanced Features — Photography

Continued ➡ 91
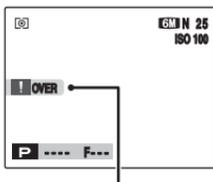
Set the exposure compensation again, using a negative value (–) when [OVER] appears and a positive value (+) when [UNDER] appears (→p.69).

OVER or UNDER

Example

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

✎ **MEMO**

- 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.
- When the flash fires, the white balance (except for custom white balance) setting for the flash is used. Consequently, to achieve a particular effect, the flash mode should be set to ⑤ SUPPRESSED FLASH (→p.75).
- The specified custom white balance is retained until it is reset. This setting is retained even if the batteries are removed.
- The color tones may vary depending on the shooting conditions (light source, etc.).
- After taking the picture, check the image color (white balance).
- Explanation of Terms "White Balance" (→p.182)

⬤ **Focusing the shot quickly (▣ HIGH-SPEED SHOOTING)**

Available Photography modes: All

Use this mode to reduce the time required for focusing when pressing the shutter button down halfway. It is useful to avoid missing snapshot opportunities.
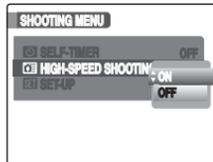
⚠ **CAUTION**

▣ EVF/LCD MODE in the ▩ SET-UP menu cannot be set (→p.123).

✎ **MEMO**

- **Focal range**
  Wide-angle:
  approx. 2.0 m (6.6 ft.) to infinity
  Telephoto:
  approx. 4.0 m (13.1 ft.) to infinity
- When taking pictures while the High-speed shooting mode is set to ON, the batteries will run down more quickly.
- When setting ✺ Sport mode, the camera sets to High-speed shooting mode automatically.

Specifying focusing mode (◼ AF MODE)

Available Photography modes: P, S, A, M
(When the Intelligent Face Detection is off)

Use this mode to specify focusing mode that best suits the subject.

▣: CENTER
⊞: MULTI
◉: AREA

* This example of display appears when Intelligent Face Detection is off.

⚠ CAUTION

The ◼ AF mode can only be selected when the focus mode is S-AF (→p.33).

▣ CENTER

The camera focuses on the center of the screen.
Use this setting when taking pictures with AF/AE lock (→p.39).
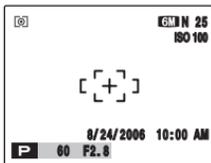
⊞ MULTI

When pressing the shutter button down halfway, the camera recognizes any strongly contrasting subject near the center of the screen and displays the AF frame over subject in focus.
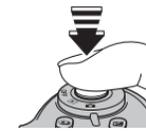
Halfway pressed

AF frame

⚠ CAUTION

When taking pictures in Macro mode, the camera focuses on the center of the screen.

✐ MEMO

When the AF frame does not appear in the focusing position, select ▣ CENTER in the AF mode and use AF/AE lock (→p.39).

Continued ➡

Advanced Features — Photography

▣ **AREA**

The camera changes the focusing position on the screen. Use this setting when composing the shot using a tripod and changing the focusing position.

SELECT AF AREA

Before moving

Target point

After moving
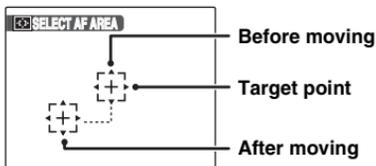
① Hold down the ▶●◀ . Press ▲, ▼, ◀ or ▶ to move the ⊞ (target point) to the focusing position.
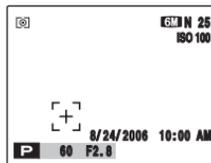
② The AF frame appears in the location to which the target point was moved when you release ▶●◀ (One-touch AF).

③ Press the shutter button to take pictures.

✎ **MEMO**

- To reposition the AF frame, repeat step ①.
- Regardless of the AF frame location, the exposure is always set using the area in the center of the screen. To expose the shot for your main subject, use AF/AE lock (→p.39).

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⬣ **Adjust the image outline (hard/ soft) (🅢 SHARPNESS)**

Available Photography modes: P, S, A, M

Use this setting to soften or emphasize the outline and quality of an image.

SHOOTING MENU
- SELF-TIMER — OFF
- PHOTOMETRY
- WHITE BALANCE — AUTO
- HIGH - SPEED SHOOT
- AF MODE — **HARD**
- SHARPNESS — **STANDARD** / **SOFT**

∗ This example of display appears when Intelligent Face Detection is off.

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.

⬣ **Adjust the amount of light emitted by the flash (🅕 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.

SHOOTING MENU
- FLASH — +²⁄₃ / +¹⁄₃ / ±0 / −¹⁄₃ / −²⁄₃
- BRACKETING
- SET - UP
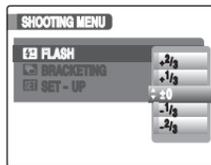
✍ **CHECK**

Compensation range:
- −2/3 EV to +2/3 EV in approx. 1/3 EV increments (total: 5 levels selectable)
- Explanation of Terms "EV" (→p.181)

⚠ **CAUTION**

- Depending on the type of subject and the shooting distance, brightness adjustment may have no effect.
- The image may appear dark when setting the shutter speed to higher than 1/1000 sec.

Advanced Features — Photography

⬢ Photograph the same image with different exposure (🖼 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.

```
SHOOTING MENU
 FLASH              ±0
 BRACKETING
 SET - UP        ±1/3  EV
                 ±2/3  EV
                 ±1    EV
```
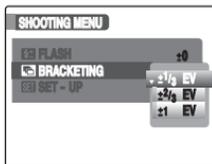
✅ CHECK

- **Bracketing settings (3)** ±1/3 EV, ±2/3 EV, ±1 EV
- Explanation of Terms "EV" (→p.181)

⚠ CAUTION

- If the underexposed or overexposed frame is outside the camera's control range, the picture is not taken with the specified setting increments.
- Flash photography cannot be used.
- This feature always takes 3 shots. However, if there is insufficient space on the **xD-Picture Card** or internal memory for 3 shots, no picture will be taken.

✎ MEMO Auto bracketing

```
CONTINUOUS
                    OFF
AUTO BRACKETING
```
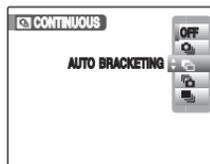
After setting the exposure for bracketing:
① Hold down 🔲.
② Press ▲ or ▼ to select 🔲 AUTO BRACKETING.

Memo

Playback Information

Use this function to check the photography information.
Hold down ■ to check the information.
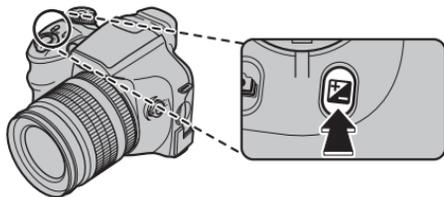
① Quality mode
② Sensitivity
③ Shutter speed/Aperture
④ FinePix COLOR
⑤ Flash
⑥ White balance
⑦ Exposure compensation setting
⑧ Frame number
⑨ Histogram

! CAUTION

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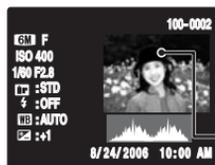
When the image is overexposed, areas where white blooming has occurred flash black.

Highlight warning

• ■ FinePix COLOR may not appear, depending on the shooting mode.

Histograms

A histogram is a chart showing the distribution of brightness in an image (horizontal axis: brightness; vertical axis: pixels).
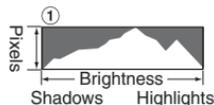
① Optimal exposure:
There is an ample distribution of pixels overall with a peak in the middle range.

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.

! CAUTION

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

Using F-MODE MENU (Playback)/PLAYBACK MENU

Use these menus to play back photographed images.

Setting the F-MODE MENU (Playback)

① Set the camera to Playback mode (→p.44).

```
F-MODE MENU
  PLAYBACK
  PRINT ORDER (DPOF)
```
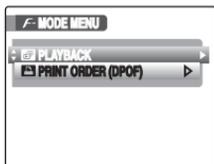
F   ② Press F to open the F-MODE MENU.

③ Press ▲ or ▼ to select the menu.

④ Press ▶.

⑤ Press ▲ or ▼ to change the setting.

⑥ Press MENU/OK to confirm the setting.

Setting the PLAYBACK MENU

① Set the camera to Playback mode (→p.44).
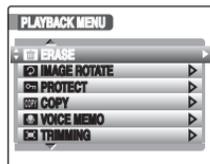
```
PLAYBACK MENU
  ERASE
  IMAGE ROTATE
  PROTECT
  COPY
  VOICE MEMO
  TRIMMING
```

② Press MENU/OK to open the PLAYBACK MENU.

③ Press ▲ or ▼ to select the menu.

④ Press ▶.

⑤ Press ▲ or ▼ to change the setting.

⑥ Press MENU/OK to confirm the setting.

$\mathcal{F}$-MODE MENU (Playback)

● Setting automatic playback (PLAYBACK)

Use this mode to play back photographed images continuously. You can select type of image transition.

```
F-MODE MENU
PLAYBACK          NORMAL
PRINT ORDER (    NORMAL
                  FADE-IN
                  FADE-IN
                  MULTIPLE
                  CLOCK
```
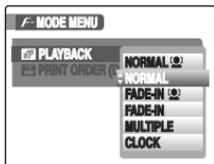
✎ MEMO

• To interrupt automatic playback, press MENU/OK.
• Press ◀ or ▶ to advance or go back through the images when selecting NORMAL and FADE-IN.
• The Auto power off function (→p.130) does not operate during playback.
• Movie starts automatically. When the movie ends, the playback function moves it on.
• Press DISP/BACK once during playback to display on-screen help.

Intelligent Face Detection

The camera plays back the image taken with Intelligent Face Detection (→p.37) zoomed in on the detected face when NORMAL or FADE-IN is selected.

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DPOF set frame (🖬 PRINT ORDER (DPOF))

You can specify the image, number of prints, with or without date of printing with a DPOF-compatible printer.

```
F-MODE MENU
  PLAYBACK          ▷
  PRINT ORDER (D    WITH DATE C
                    WITHOUT DATE
                    RESET ALL
```

WITH DATE C : The date will be imprinted on your prints.

WITHOUT DATE : The date will not be imprinted on your prints.

RESET ALL   : All DPOF settings will be canceled.

WITH DATE / WITHOUT DATE

Selecting WITH DATE C, C appears on the screen and the date will be imprinted on your prints.

```
 PRINT ORDER (DPOF)
C DPOF : 00000 ─────────── Total number of prints

                  ─────────── Setting for that frame
 01 SHEETS
◄ ► FRAME   OK SET
```

① Press ◄ or ► to display the frame (file) for specifying DPOF setting.

② Press ▲ or ▼ to set a value.
Up to 99 sheets are 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.

③ Always press MENU/OK after the settings are completed.
Pressing DISP/BACK cancels those settings.

④ Press MENU/OK again. The total number of prints appears on the screen.

Advanced Features — Playback

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✎ MEMO Canceling DPOF setting

① Press F to open the F-MODE MENU and press ▲ or ▼ to select 🖪 PRINT ORDER (DPOF).
② Press ▶.
③ Press ▲ or ▼ to select WITH DATE 🖪 or WITHOUT DATE and press MENU/OK to display the print order screen.
④ Press ◀ or ▶ to select the frame (file) with the DPOF setting you want to cancel.
⑤ Press ▼ to set the number of prints to 0 (zero).

To cancel the DPOF setting for another frame (file), repeat steps ④ and ⑤.
Always press MENU/OK to complete the settings.
• RESET ALL (→p.103)

✎ MEMO

• When DPOF settings were specified on another camera.

```
┌─────────────────────────┐
│ 🖪 RESET DPOF OK?        │
│                         │
│                         │
│                         │
│                         │
│                         │
│                         │
│ ◯K YES   BACK NO        │
└─────────────────────────┘
```
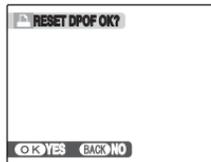
When the data includes a frame (file) with DPOF settings that were specified on another camera, "RESET DPOF OK?" appears.
Pressing MENU/OK erases all of the DPOF settings already specified for each frame (file). Specify the DPOF setting for each frame (file) again.
• Prints of up to 999 frames (files) can be ordered on the same **xD-Picture Card**.
• DPOF settings cannot be specified for movies and CCD-RAW.

⚠ CAUTION

• Pressing DISP/BACK while choosing settings will cancel all current settings. If there were previous DPOF settings, only the modifications are canceled.
• 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).
• Images photographed with a camera other than FinePix S6000fd / FinePix S6500fd may not be specified DPOF settings.

Intelligent Face Detection

> **PRINT ORDER (DPOF)**
> DPOF : 00000
>
> 00 SHEETS
> FACE COUNT
> FRAME   OK SET
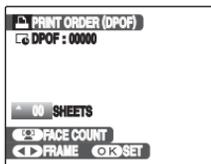
When DPOF settings are set to the images taking with the Intelligent Face Detection (→p.37) (appears on the screen), press (Intelligent Face Detection), the frame appears around the detected face, and then the number of the detected faces is set to print number. It is easy to set the number of prints for each person in the picture. Press ▲ or ▼ to set the print number. Press (Intelligent Face Detection) again, the number of the detected faces is set to the print number. After setting, press MENU/OK.

RESET ALL

To cancel all DPOF settings:

> **RESET DPOF OK?**
>
> OK YES   BACK CANCEL
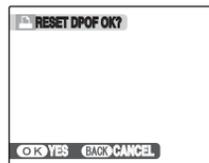
Select RESET ALL in the *F*-MODE MENU (→p.101).

Press MENU/OK.

MEMO

> ▵   100-0001
>   6M N
>
> ▶   8/24/2006 10:00 AM
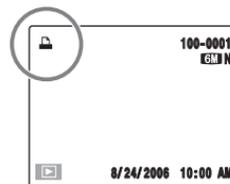
▵ appears on the screen during playback when the image has specified DPOF settings.

Advanced Features — Playback

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■ 🔁 PRINT ORDER (DPOF)

DPOF 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**. 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 FinePix S6000fd / FinePix S6500fd.

＊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 ?"
"DPOF SPECIFIED. ERASE ALL OK ?" (→p.49)
When erasing the image, the DPOF setting for that image is deleted at the same time.

"RESET DPOF OK ?" (→p.102)
When inserting an **xD-Picture Card** that contains images specified for printing by another camera, those print specifications are all reset and replaced by the new print specifications.

[DPOF FILE ERROR] (→p.165)
Up to 999 images can be specified on the same **xD-Picture Card**.

PLAYBACK MENU

◆ Rotating the images (🔄 IMAGE ROTATE)

When shooting in the vertical position, the image appears horizontal on the screen.
Use this mode to rotate an image and to display correct direction. Your camera calls images "frames".

⚠ CAUTION

Protected frames (files) cannot be rotated. Unprotect the frames (files) before rotating them (→p.106).

✎ MEMO

An image can be rotated only when playing back using FinePix S6000fd / FinePix S6500fd.
You may not be able to rotate images that were shot with a camera other than the FinePix S6000fd / FinePix S6500fd.

① Press ◀ or ▶ to select the rotating frame (file).

② Press MENU/OK to open the PLAYBACK MENU.

③ Press ▲ or ▼ to select 🔄 IMAGE ROTATE.

④ Press MENU/OK.
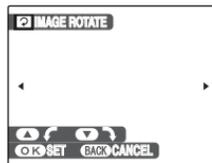
⑤ Press ▲ or ▼ to rotate the image.
▼: Rotates the image clockwise at a 90 degree angle.
▲: Rotates the image counterclockwise at a 90 degree angle.

⑥ Press MENU/OK to confirm the setting.
Next time the image is played back, it will be automatically rotated.
Press DISP/BACK to cancel rotating the image.

Continued ➡

Advanced Features — Playback

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☺ **Intelligent Face Detection**

When shooting a person in a vertical position, press ☺ (Intelligent Face Detection) to rotate to display the correct direction.

● **Protecting the images (⊙ PROTECT)**

Use this mode to prevent frames (files) from being accidentally erased. Your camera calls images "frames".

FRAME SET / RESET

To protect or unprotect only the selected frame (file):
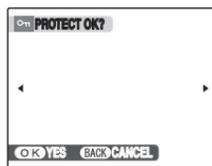
⊙ **PROTECT OK?**	⊙ **UNPROTECT OK?**
◀ ▶	◀ ▶
○K YES BACK CANCEL	○K YES BACK CANCEL
Unprotected	**Protected (⊙ appears)**

① Press ◀ or ▶ to select the protecting/ unprotecting frame (file).

② Press MENU/OK to protect/unprotect the currently displayed frame (file).
Unprotected: protecting frame (file)
Protected: reset frame (file)

To protect another frame (file), repeat steps ① and ②.
When protecting frames (files) is completed, press DISP/ BACK.

SET ALL

SET ALL OK?
IT MAY TAKE A WHILE

OK YES   BACK CANCEL

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

RESET ALL

RESET ALL OK?
IT MAY TAKE A WHILE

OK YES   BACK CANCEL

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

MEMO To stop the procedure midway

BACK CANCEL

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 DISP/BACK.

⚠ CAUTION

The Format function erases all the frames (files), including protected frames (files) (→p.130).

Advanced Features — Playback

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Copying the images (⊡ COPY)

It is possible to transfer saved images between the internal memory and an **xD-Picture Card**. Your camera calls images "frames".

■ **Selecting COPY**

```
⊡ COPY
┌──────────────────────────────┐
│ ▶ IN INTERNAL MEMORY ➡ ☐ CARD  ▶ │
│   ☐ CARD ➡ IN INTERNAL MEMORY ▶ │
└──────────────────────────────┘
 OK NEXT   BACK CANCEL
```
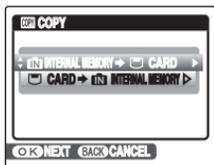
① Press ▲ or ▼ to select IN INTERNAL MEMORY ➡ ☐ CARD or ☐ CARD ➡ IN INTERNAL MEMORY.

② Press ▶.

Copying one frame at a time (FRAME)

```
⊡ COPY
┌──────────────────────────────┐
│ IN INTERNAL MEMORY ➡           │
│ ☐ CARD ➡ IN  │ FRAME          │
│               │ ALL FRAMES     │
└──────────────────────────────┘
 OK YES   BACK CANCEL
```
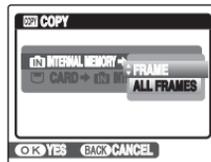
① Press ▲ or ▼ to select FRAME.

② Press MENU/OK.

COPY COPY OK?

📷 → 💾   100 - 0001

◄   ►

📷

O K YES   BACK CANCEL
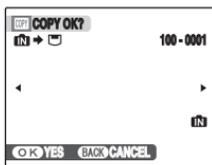
③ Press ◄ or ► to select the copying frame (file).

④ Press MENU/OK to copy the currently displayed frame (file).

✎ **MEMO**

To copy another frame (file), repeat steps ③ and ④. When copying frames (files) is completed, press DISP/ BACK.

Copying all frames (ALL FRAMES)

COPY COPY

📷 INTERNAL MEMORY → **FRAME**
💾 CARD → 📷 INTE... **ALL FRAMES**

O K YES   BACK CANCEL
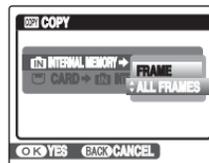
① Press ▲ or ▼ to select ALL FRAMES.

② Press MENU/OK.

Advanced Features — Playback

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COPY ALL OK?
IT MAY TAKE
A WHILE
📳 ➜ 🖳   100 - 0001
◄   ►
                                        📳

OK YES   BACK CANCEL
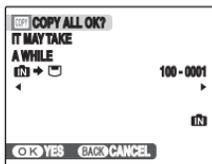
③ Press MENU/OK to copy all the frames (files).

⚠ **CAUTION**

• When [🖳 MEMORY FULL] or [📳 MEMORY FULL] appears on the screen, copying the data stops on the way.
• When copying the image that has specified DPOF setting, the DPOF setting is not copied.

⬢ Adding voice memos to the images (🔊 VOICE MEMO)

Voice memos of up to 30 seconds can be added to still images.

Recording voice memos

① Press ◄ or ► to select the image to add a voice memo.

② Press MENU/OK to open the PLAYBACK MENU.

③ Press ▲ or ▼ to select 🔊 VOICE MEMO.

④ Press ►.

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REC STANDBY 30s

OK START   BACK CANCEL
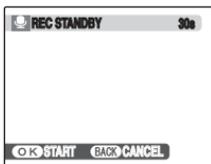
⑤ Press MENU/OK to start recording.

The remaining recording time appears during recording.

RECORDING ● 29s

Remaining time

Blinking red

OK REC   BACK RE-REC
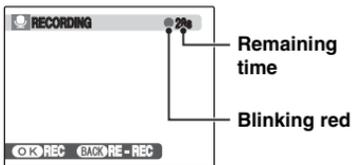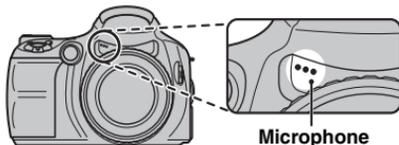
✎ **MEMO**

Microphone

Face the microphone to record your comment.
Hold the camera about 20 cm (7.9 in.) away for the best results.

FINISH

OK REC   BACK RE-REC
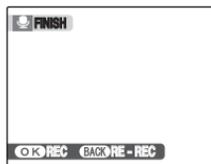
⑥ The voice memo ends when pressing MENU/OK midway or 30 seconds pass.

To record your comment: press MENU/OK.
To rerecord the comment: press DISP/BACK.

✎ **MEMO**

• When the image already has a voice memo

PLAYBACK MENU

ERASE
IMAGE ROTATE
PROTECT
COPY
VOICE MEMO   BACK
TRIMMING   RE-REC
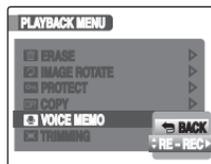
If you select an image that already has a voice memo, a screen appears in which you can select whether to rerecord the memo.

• When "PROTECTED FRAME" appears, unprotect the frame (→p.106).
• Voice memos cannot be added to movies.

Advanced Features — Playback

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Playing back voice memo

① Press ◀ or ▶ to select an image file with a voice memo. 🎤 appears on the screen.

② Press ▼ to start playing back the voice memo.
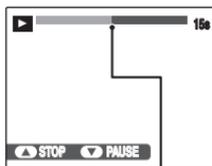
The playback time appears on the screen along with a progress bar.

Progress bar

⚠️ **CAUTION**
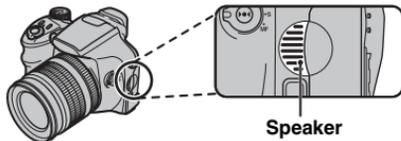
Speaker

Uncover the speaker.
The sound may be difficult to hear.

■ Playing back voice memos

	Control	Description
Playback		Playback begins. The voice memo stops when playback ends.
Pause / Resume		Pauses the voice memo during playback. Press ▼ again to resume playback.
Stop		Stops playback. Press ◀ or ▶ while voice memo playback is stopped to go back to the previous file or advance to the next file respectively.
Fast forward / Rewind		Press ◀ or ▶ during playback to skip forwards or backwards through the voice memo. These buttons do not function while playback is paused.

✅ **CHECK**

• Audio recording format:
  WAVE (→p.181), PCM recording format
• Audio file size:
  Approx. 480 KB (for a 30-second voice memo)

✍️ **MEMO 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.

◄E VOLUME

OK SET   BACK CANCEL
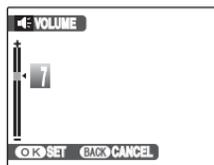
① Press MENU/OK while playing back voice memo.
The voice memo is paused during playback.

② Press ▲ or ▼ to adjust the volume.

③ Press MENU/OK to confirm your selection.
Camera starts to play back the voice memo.

Trimming the images (▣ TRIMMING)

Use this mode to trim the required part of the photographed image.

1 **Select the menu.**

① Press ◄ or ► to select the trimming frame (file).

② Press MENU/OK to open the PLAYBACK MENU.

③ Press ▲ or ▼ to select ▣ TRIMMING.

④ Press ►.

Continued ➡

Advanced Features — Playback

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2 Specify trimming part of image.

▼ button
(Zoom out)

▲ button
(Zoom in)
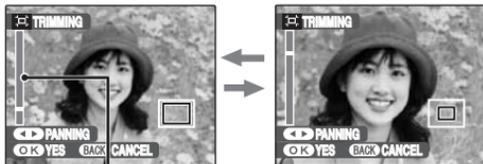
Zoom bar

① Press ▲ or ▼ to zoom in or out on an image.

MEMO

Press DISP/BACK to return to single-frame playback.

**Navigation screen
(Current displayed image)**

② Press ◀ or ▶ to move to another part of the image.

③ Press ▲, ▼, ◀, or ▶ to display another part of the image.

MEMO

Press DISP/BACK to return to the zoom setting.

④ Press MENU/OK.

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3 Record the image.

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

✎ MEMO

• A saved image size varies depending on the zoom scale of step *2*. For 0.3 M, ◯◯ YES option appears in yellow.

• Image sizes

3M	Printing at up to 6R (15.2 × 20.3 cm/6 × 8 in.) / A5 size
2M	Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size
03M	To use for e-mail or web site

• When 3:2 quality setting is selected, the image is trimmed to normal size (4:3 aspect ratio).

⚠ CAUTION

You may not be able to trim images that were shot with a camera other than FinePix S6000fd / FinePix S6500fd.

🙂 Intelligent Face Detection

Images taken with the Intelligent Face Detection (→p.37) (🙂 appears on the screen). Press 🙂 (Intelligent Face Detection), the face that is focused on is zoomed in to help crop the main subject. To specify a cropped part of the image according to preference, specify and adjust according to the procedure in TRIMMING.

Advanced Features — Playback

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🎥 Recording Movies

Use this mode to record movies with sound.

1 Set the camera to 🎥 Movie mode.

Set the Mode dial to 🎥.

STANDBY   640   13s

8/24/2006 10:00 AM
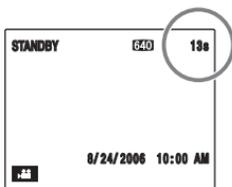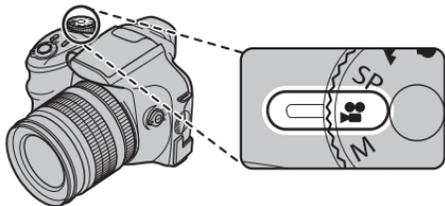
The available recording time appears on the screen.

2 Record movies.

● REC   12s
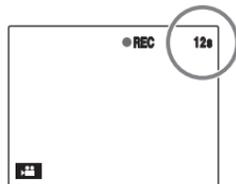
Fully pressed

Press the shutter button down fully to start recording. During recording, ●REC and a counter that shows the remaining time appear on the screen.

Halfway pressed

Recording ends when pressing the shutter button down halfway during recording or the remaining time runs out.

📝 MEMO

There is no need to hold down the shutter button during recording.

■ **Zooming the image**

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

Zoom bar
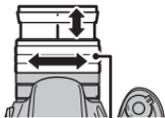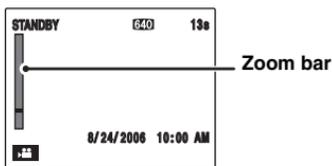
Turn the zoom ring to zoom in or out on an image.

Zoom ring

c **CHECK**

- Optical zoom focal length
  Approx. 28 mm to 300 mm (35 mm camera equivalent)
  Max. zoom scale: 10.7×
- Focal range
  Wide-angle: approx. 40 cm (1.3 ft.) to infinity
  Telephoto: approx. 2 m (6.6 ft.) to infinity

c **CHECK Recording movies**

- Specifications: Motion JPEG (→p.181), Monaural sound
- Quality selection method: 640 (640 × 480 pixels)
  320 (320 × 240 pixels)
- Frame rate (→p.181): 30 frames per second (fixed)

✎ **MEMO**

- The brightness and color of the screen shown during movie recording may differ from those shown before recording begins.
- Pressing the shutter button down fully fixes the focus, however the exposure and white balance are adjusted to the scene being shot.
- If recording is stopped immediately after it begins, 1 second of the movie is recorded onto the **xD-Picture Card** or internal memory.

⚠ **CAUTION**

- Because a movie is recorded onto the **xD-Picture Card** or internal memory as it is saved, it cannot be recorded correctly if the camera suddenly loses power (if the batteries run out or the AC power adapter is disconnected).
- A movie file taken by FinePix S6000fd / FinePix S6500fd may not be playable on other cameras.
- EVF/LCD MODE in the SET-UP menu cannot be set (→p.123).
- Because sound is recorded concurrently with the images, make sure that you do not cover the microphone with a finger, etc. (→p.14).
- Camera operation noises may be recorded during movie shooting.

Advanced Features — Movie

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Changing movie size

Press F to open the F-MODE MENU.

```
F- MODE MENU
◀▎QUALITY      640    13s
               320    26s
```
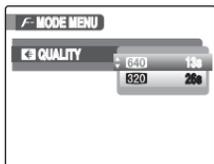
① Press ▶.

② Press ▲ or ▼ to change the setting.

③ Press MENU/OK to confirm the setting.

■ Quality settings in Movie mode

640 (640 × 480 pixels): For better quality
320 (320 × 240 pixels): To record longer movies

🖋 MEMO

• The quality setting is retained even when the camera is turned off or the mode setting is changed.
• In 🎥 Movie mode, you cannot set the 🔢 (sensitivity) setting and 🎨 FinePix COLOR setting.
• See p.179 for information on recording times per **xD-Picture Card** or internal memory.

⚠ CAUTION

If you shoot using the **xD-Picture Card**s 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.

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▶ **Playing Back Movies**

100-0006
640

PLAY

8/24/2006 10:00 AM
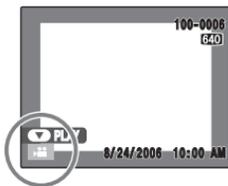
① Press ◀ or ▶ to select the movie file. 🎥 appears on the screen.

② Press ▼ to begin playing back movie.

▶   30s

STOP **PAUSE**
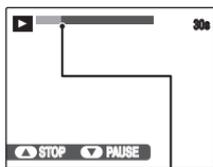
The playback time appears on the screen along with a progress bar.

Progress bar

■ **Playing back movies**

	Control	Description
Playback		Playback begins. Playback stops when the end of the movie is reached.
Pause / Resume		Pauses the movie during playback. Press ▼ again to resume playback.
Stop		Stops playback. Press ◀ or ▶ while playback is stopped to go back to the previous file or advance to the next file respectively.
Fast forward / Rewind		Press ◀ or ▶ during playback to skip forwards or backwards through the movie.
Skip playback		Press ◀ or ▶ when the movie is paused, the movie advances or goes back one frame. Hold down ◀ or ▶ to move through the frames quickly.

Advanced Features — Movie

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✎ **MEMO**

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.

⚠ **CAUTION**

- 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 **xD-Picture Card** or internal memory to the PC's hard disk and then play back the saved file.
- Uncover the speaker. The sound is difficult to hear.

Adjusting volume of movies

Volume can be adjusted while playing back movies.

◀: VOLUME

OK SET   BACK CANCEL
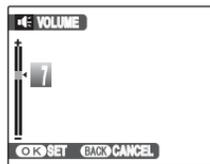
① Press MENU/OK while playing back movie.
The movie is paused during playback.

② Press ▲ or ▼ to adjust the volume.

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

Memo

🔧 SET-UP

Using the SET-UP menu

1 Open the SET-UP menu.

① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select 🔧 SET-UP.

③ Press ►.

2 Change the page.

```
SET-UP
◄ 📷 🔧1 🔧2 🔧3 ►
📅 DATE /TIME          ▷
🔊 BEEP VOLUME        🔊
📷 SHUTTER VOLUME     🔊
🔊 PLAYBACK VOLUME    ▷
🔆 LCD BRIGHTNESS     ▷
📁 FORMAT             ▷
```
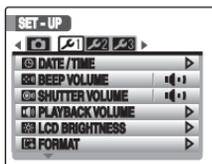
① Press ◄ or ► to select the page.

② Press ▼ to move to menu item.

3 Change the setting.

```
SET-UP
📷 🔧1 🔧2 🔧3
📅 DATE /TIME
🔊 BEEP VOLUME
📷 SHUTTER VOLUME    🔊
🔊 PLAYBACK VOLUME   🔊
🔆 LCD BRIGHTNESS    🔊
📁 FORMAT            🔇OFF
```
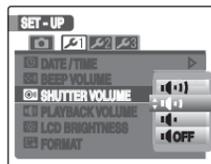
① Press ▲ or ▼ to select the menu.

② Press ►.
Different type of screen appears
depending on selected item.

③ Press ▲ or ▼ to change the setting.

④ Press MENU/OK to confirm the setting.

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SET-UP menu option

	Setting	Display	Factory default	Explanation	Page
🖿	🖻 IMAGE DISP.	CONTINUOUS/3 SEC/ 1.5 SEC/ZOOM (CONTINUOUS)	1.5 SEC	Sets the way for displaying the check image screen (photograph result) after taking a picture. The color tones in images recorded may differ from actual color. Play back the recorded images to check them.	125
	🔢 FRAME NO.	CONTINUOUS/ RENEW	CONTINUOUS	Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.	127
	🔲 AF ILLUMINATOR	ON/OFF	ON	Specifies whether the AF-assist illuminator is ON or OFF.	41
	🔲 CCD-RAW	ON/OFF	OFF	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.	128
	🔳 EVF/LCD MODE	30fps/60fps	30fps	Sets the screen display to the fine mode.	–
	🔲 FOCUS CHECK	ON/OFF	ON	Enlarges the central portion of the screen for easy focusing, by turning the focus ring manually.	128
🔧1	🕐 DATE/TIME	–	–	Corrects the date or time.	27
	🔈 BEEP VOLUME	◀))/◀)/◀/◀OFF	◀)	Sets the volume of the tone emitted when the camera controls are used.	–
	🔈 SHUTTER VOLUME	◀))/◀)/◀/◀OFF	◀)	Sets the volume of the sound emitted when the shutter operates.	–
	🔊 PLAYBACK VOLUME	–	7	Sets the volume of playing back movie and voice memo.	129
	🔆 LCD BRIGHTNESS	–	0	Sets the screen brightness.	129
	🖻 FORMAT	–	–	Initializes an **xD-Picture Card** or internal memory. Select this menu to erase all the frames (files).	130

Settings

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	Setting	Display	Factory default	Explanation	Page
2	言語/LANG.	日本語/ENGLISH/ FRANCAIS/DEUTSCH/ ESPAÑOL/ITALIANO/ 中文简/繁體/한글/ PУССКИЙ/PORTUGUÊS NEDERLANDS/TÜRKÇE	ENGLISH	Specifies the language used for screen display.	28
	AUTO POWER OFF	5 MIN/2 MIN/OFF	2 MIN	Sets the time of turning camera off when camera is not used.	130
	TIME DIFFERENCE	⌂/✈	⌂	Specifies the time difference settings.	131
	BACKGROUND COLOR	–	–	Specifies the colors of menu and background.	–
	DISCHARGE	–	–	Discharges Ni-MH batteries.	159
	VIDEO SYSTEM	NTSC/PAL	–	Specifies whether video output is set to NTSC or PAL.	–
3	RESET	–	–	Resets all the camera settings (other than the DATE/TIME, TIME DIFFERENCE, BACKGROUND COLOR, and VIDEO SYSTEM) to the factory default values set at shipment. A confirmation message appears when you press ▶. To reset the camera settings, press ◀ or ▶ to select OK and press MENU/OK.	–

IMAGE DISP.

Use this setting to specify the way for displaying the check image screen (photograph result) after taking a picture.

CONTINUOUS:
The results are always displayed after you shoot. Press the MENU/OK to take another picture.

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

ZOOM (CONTINUOUS):
The image appears enlarged. Use this mode to check details of image.

⚠ CAUTION

- 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.
- IMAGE DISP. cannot be used when 🔳 LONG PERIOD (→p.79) is set.

■ **Enlarging images**

Navigation screen (Current displayed image)

① Press ▲ or ▼ to zoom in or out the image.

② Press ◀ or ▶ to move to another part of the image.

③ Press ▲, ▼, ◀, or ▶ to display another part of the image.

④ Press MENU/OK to take another picture. The image is recorded automatically.

Continued ➡

Settings

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✎ **MEMO**

- When ⬛ quality setting is selected, the image cannot be enlarged.
- Pressing DISP/BACK cancels the zoom setting.
- This function is disabled when setting the continuous shooting.
- This function is disabled when selecting ⬥⚡ in ▣ SCENE POSITION.

🙂 Intelligent Face Detection

Images taken with the Intelligent Face Detection (→p.37). Press 🙂 (Intelligent Face Detection) to alternate between the displayed faces. Press ▲ or ▼ to display the selected face zoomed in or out. Press ◀ or ▶ to move to another part of the image. Press ▲, ▼, ◀ or ▶ to display another part of the image.

FRAME NO.

Use this function to specify whether frame numbers are assigned consecutively from previous numbers or begin again.

	<CONTINUOUS>	<RENEW>
A	0001 ⋮ 0005	0001 ⋮ 0005
↓		
B	0006 ⋮ 0010	0001 ⋮ 0005

∗ Formatted **xD-Picture Card** or internal memory used for both A and B.

CONTIN- Pictures are stored beginning from the highest
UOUS file number stored on the last **xD-Picture Card** or internal memory used.

RENEW: Pictures are stored on each **xD-Picture Card** beginning with a file number 0001.

✅ CHECK

Frame number

100-0001

File number

▶ 8/24/2006 10:00 AM
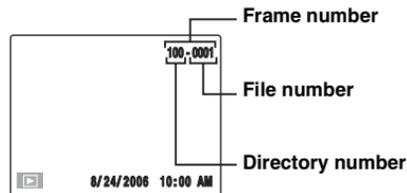
Directory number

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.

✎ MEMO

- Setting this function to CONTINUOUS 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 (→p.124), the frame number setting (CONTINUOUS or RENEW) is changed to CONTINUOUS and the frame number itself does not return to 0001.
- In CONTINUOUS setting, images are stored beginning from the highest file number on the current **xD-Picture Card** when the **xD-Picture Card** already contains image files with file numbers higher than the highest file number on the last **xD-Picture Card**.
- File number runs 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.

Settings

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CCD-RAW

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. Use the bundled FinePixViewer software to perform the processing on a PC. Conversion using FinePixViewer also provides a simple way to create TIFF-format images. (Convertible file type will differ depending on your PC. For details, refer to the online help of FinePixViewer.)

⚠ CAUTION

- The functions listed below cannot be used in CCD-RAW mode.
  - During shooting
    Digital zoom, Continuous shooting, Quality and Post shot assist window are unavailable.
  - During playback
    Playback can be zoomed up to 2.5×, but cropped images cannot be saved.
- You cannot take a picture when CCD-RAW is set and the internal memory is used.

✐ CHECK

To rebuild images, FinePixViewer (on the bundled CD-ROM "Software for FinePix CX") must be installed on your PC.

FOCUS CHECK

Use this function when it is difficult to see whether the image is focused.

Set FOCUS CHECK to ON. The center of the image can be zoomed in by turning the focus ring, and focusing can be more easily achieved in this portion of the screen. Take the picture to return to normal display.

⚠ CAUTION

- Focus check function can be used in the MF mode (→p.72).
- Focus check function is disabled when setting the ▣ High-speed shooting mode (→p.92) or setting ▦ EVF/LCD MODE (→p.123) to "60 fps" in the ▥ SET-UP menu.

PLAYBACK VOLUME

Use this function to adjust volume while playing back movie and voice memo.
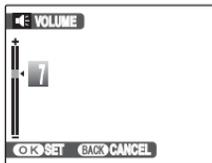
① Press ▲ or ▼ to adjust the volume. The larger the number, the larger the volume is emitted. 0 (zero) indicates a sound deadening.

② Press MENU/OK to confirm the setting.

LCD BRIGHTNESS

Use this function to adjust the screen brightness.
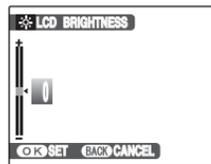
① Press ▲ or ▼ to adjust the screen brightness.
The indicator moves to the + to display the screen brightly or to the – to darken the screen.

② Press MENU/OK to confirm the setting.

Settings

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FORMAT

Initialize (format) the **xD-Picture Card** or internal memory for use with the camera.
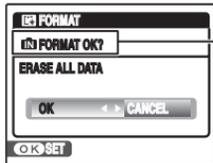
Place of initialize
FORMAT OK?:
Internal memory
FORMAT OK?:
xD-Picture Card

① Press ◀ or ▶ to select OK.

② Pressing MENU/OK initializes the **xD-Picture Card** or internal memory.

⚠ CAUTION

• The Format function erases all the frames (files), including protected frames (files).
  Back up important frames (files) onto your PC or another media.
• Do not open the battery cover or slot cover during formatting, as formatting will be interrupted.

AUTO POWER OFF

When this function is active and the camera remains unused for 2 or 5 minutes, it turns camera off.
Use this function when you want to get the maximum possible running time from your batteries.

⚠ CAUTION

The Auto power off function is disabled during automatic playback (→p.100), discharging rechargeable batteries (→p.159), and when a printer or a PC connection (→p.136, 146) is being used.

📝 MEMO To restore power to the camera

Refer to "Turning On and Off" (→p.24).

TIME DIFFERENCE

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

1 Use Time difference function.

SET - UP

☐ 言語/LANG. ENGLISH
☐ AUTO POWER OFF 2 MIN
☐ TIME DIFFERENCE ☆ HOME
☐ BACKGROUND C ✛ LOCAL ▶
☐ DISCHARGE
☐ VIDEO SYSTEM NTSC

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

2 Move to TIME DIFFERENCE screen.

SET - UP

☐ 言語/LANG. ENGLISH
☐ AUTO POWER OFF 2 MIN
☐ TIME DIFFERENCE ☆ HOME
☐ BACKGROUND C ✛ LOCAL ▶
☐ DISCHARGE
☐ VIDEO SYSTEM NTSC

Press ▶.

3 Set time difference.

TIME DIFFERENCE

☆ 8 / 24 / 2006 10:00 AM
✛ 8 / 24 / 2006 10:00 AM

✛ 00 : 00

OK SET   BACK CANCEL

① Press ◀ or ▶ to select +/−, hour, and minute.

② Press ▲ or ▼ to change the setting.

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

Settings

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☑ **CHECK**

Available time setting
–23:45 to +23:45 (in 15-minute increments)

✎ **MEMO**
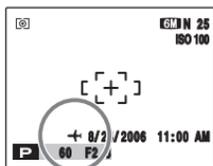
In the time difference setting, when you change to the Photography mode, ✛ and the date is displayed for 3 seconds, the date display turns yellow.

☑ **CHECK**

Upon returning from a trip, always change the time difference setting back to ⌂ HOME and then check the date and time again.

Memo

Connecting to a TV

When connecting to a TV, images can be displayed on wider screen. Using Automatic playback function (→p.100) together, you can have fun with folks.

Plug the A/V cable (included) into the A/V OUT (Audio/Visual output) socket of the camera.

A/V OUT socket

Video (yellow)

To terminals

Audio (white)

AC-5VX (sold separately)
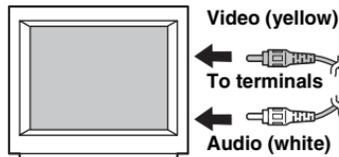
Plug the other end of the cable into the audio/video input socket on the TV.
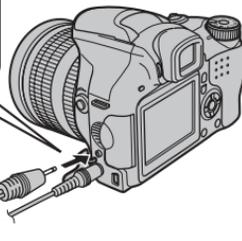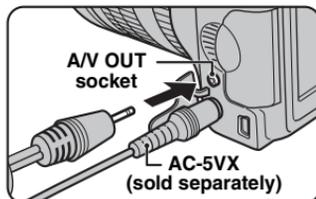
(!) CAUTION

- Plug the A/V cable (included) and the AC power adapter correctly and push them in each terminal.
- See p.159 for the information of the AC power adapter.

✎ MEMO

- When connecting the A/V cable (included) to TV, the camera's screen is turned off.
- The image quality for movie playback is lower than for still images.
- When connecting to a TV, even if you adjust the volume from the 🔊 PLAYBACK VOLUME, the TV volume cannot be changed. Refer to the instructions provided with your TV for more information on audio/video input for your TV.
- Use the AC-5VX (sold separately) when FinePix S6000fd / FinePix S6500fd is connected to a TV for long periods.

Using the AC power adapter (sold separately)

Always use a FUJIFILM AC Power Adapter AC-5VX (sold separately) (→p.153).
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.
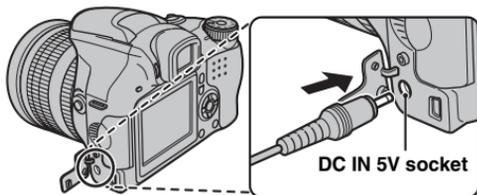
DC IN 5V socket

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.

(!) **CAUTION**

- Only connect and disconnect the AC power adapter when the camera is off. Connecting or disconnecting the AC power adapter while the camera is on temporarily interrupts the power supply to the camera, which will stop the recording of any images or movies being shot. Failing to turn the camera off before connecting/disconnecting can also result in damage to the **xD-Picture Card**, or malfunction during PC connection.
- 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.
- Do not connect the AC power adapter to charge the AA-size Ni-MH (nickel-metal hydride) batteries. Use the optional charger to charge the Ni-MH batteries.

✐ **MEMO**

See p.159 for notes on using the AC power adapter.

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Connecting Camera Directly to Printer — PictBridge Function

PictBridge

When a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without a PC.

Connecting to a printer

① Connect the camera to your printer using the USB cable (mini-B).

AC-5VX (sold separately)

USB socket (mini-B)
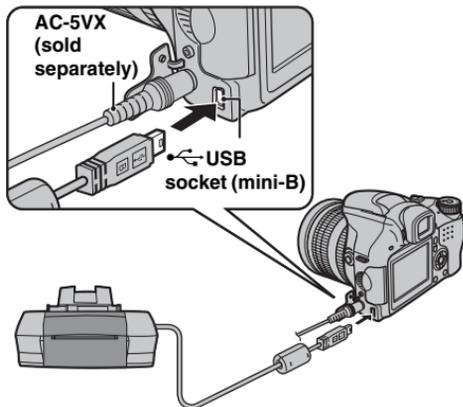
MEMO

Use the AC-5VX (sold separately) when FinePix S6000fd / FinePix S6500fd is connected to a printer.

② Connect the camera to a printer and turn the printer on. Set the Power switch to ▶ to turn the camera on.

⟳ USB
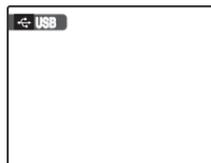
" ⟳ USB" appears on the screen.

③ The following screen appears on the screen after a moment.

PICTBRIDGE
TOTAL : 00000

00 SHEETS
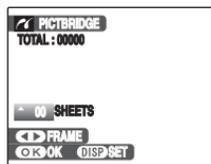
◀▶ FRAME
OK OK DISP SET

"Specifying images for printing"
→p.137
"Printing with DPOF setting"
→p.138

MEMO

Depending on the printer, some functions are disabled.

Specifying images for printing (PRINT WITH DATE / PRINT WITHOUT DATE)

![PICTBRIDGE screen: TOTAL : 00002, SHEETS, FRAME, OK OK, DISP SET]
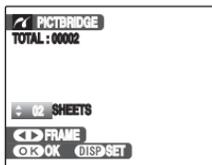
① Press ◀ or ▶ to display the frame (file) for specifying PRINT setting.

② Press ▲ or ▼ to set a value.
Up to 99 sheets are printed.

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

③ Press MENU/OK to display the confirm setting.

![PICTBRIDGE screen: PRINT THESE FRAMES, TOTAL : 9 SHEETS, OK YES, BACK CANCEL]
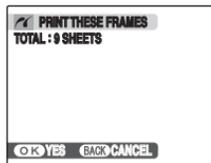
④ Press MENU/OK again to download the data to the printer and start printing the specified number of prints.

✎ MEMO

Even if MENU/OK is pressed with total number of images set at 0 (zero), the screen printing once appears on the screen. Press MENU/OK again and printing starts.

✎ MEMO Printing with date

![PICTBRIDGE screen: PRINT WITH DATE, PRINT WITHOUT DATE, PRINT DPOF]
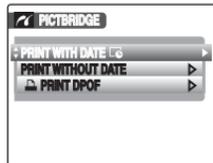
① Press DISP/BACK to display the setting display.

② Press ▲ or ▼ to select PRINT WITH DATE📅.

③ Press MENU/OK.

⚠ CAUTION

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

⬢ **Printing with DPOF setting (🖬 PRINT DPOF)**
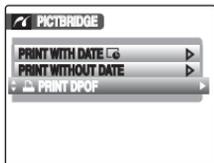
DISP/BACK ① Press DISP/BACK to open the menu.

② Press ▲ or ▼ to select 🖬 PRINT DPOF.

③ Press MENU/OK to display the confirm setting.
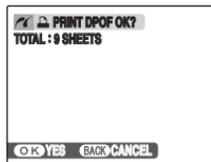
④ Press MENU/OK again to download the data to the printer and start printing the specified frames (files) continuously.

✅ CHECK

To select 🖬PRINT DPOF, the DPOF settings must be specified on FinePix S6000fd / FinePix S6500fd beforehand (→p.101).

⚠ CAUTION

Even when WITH DATE🗗 is specified in the DPOF settings (→p.101), the date is not inserted on printers that do not support date printing.

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✎ **MEMO**
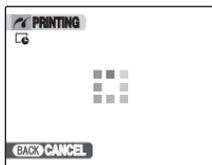
Press DISP/BACK to cancel the printing.
Depending on the printer, the printing may not be canceled immediately or printing may stop midway through.
When printing stops midway, briefly turn the camera off and then on again.

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).

✎ **MEMO**

DPOF setting can be specified for images on internal memory.

⚠ **CAUTION**

• In PictBridge function, images photographed on other than a camera may not be printed.
• 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 internal memory or an **xD-Picture Card** that was formatted on FinePix S6000fd / FinePix S6500fd.
• Movies and images with CCD-RAW cannot be printed.
• Images photographed with a camera other than FinePix S6000fd / FinePix S6500fd may not be printed.

Installation on a Windows PC

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.

Operating System∗1	Windows 98 SE Windows Millennium Edition (Windows Me) Windows 2000 Professional∗2∗3 Windows XP Home Edition∗2 Windows XP Professional∗2
CPU	200 MHz Pentium minimum
RAM	64 MB minimum Minimum 768 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 × 600 pixels or better, 16-bit color or better (When using ImageMixer VCD2 LE for FinePix: 1024 × 768 pixels or better)
Internet connection∗4	• 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

∗1 Models with one of the above operating systems pre-installed.

∗2 When you install the software, login using a system administrator account (e.g. "Administrator").

∗3 Requires Service Pack4 when converting CCD-RAW Data.

∗4 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

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■ **Recommended system**

Operating 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 × 768 pixels or better, Highest (32 bit)
Internet connection	Broadband (ADSL, FTTH, CATV, etc.)

⚠ **CAUTION**

- Connect the camera directly to the PC using the USB cable (mini-B). The software may not operate correctly 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, Windows 98 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.

Software Installation

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.
∗ Windows XP users should click "My Computer" in the "Start" menu.
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.

![SETUP icon] ![SETUP.exe icon]

∗ The way file names are displayed differs as described below depending on your PC 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 or SETUP).

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.**

⚠ **CAUTION**
• If the latest version is already installed, this window does not appear.
• Do not remove the CD-ROM during this procedure.

3 **After restarting the PC, a message appears stating "Installation of the FinePixViewer has been completed".**

Installation on a Mac OS X

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.

Compatible Mac∗1	Power Macintosh G3∗2, PowerBook G3∗2, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube, PowerBook G4, Power Macintosh G5, MacBook, MacBook Pro, or Mac mini
Operating System	Mac OS X (compatible with version 10.3.9 to 10.4.6)
RAM	192 MB minimum Minimum 768 MB when converting CCD-RAW Data
Hard disk space	Amount required for installation: 200 MB minimum Amount required for operation: 400 MB minimum (When using ImageMixer VCD2 LE for FinePix: 2 GB or better) Minimum 2 GB when converting CCD-RAW Data (required on the system disk)
Display	800 × 600 pixels or better, at least 32,000 colors (When using ImageMixer VCD2 LE for FinePix: 1024 × 768 pixels or better)
Internet connection∗3	• 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

∗1 PowerPC, Intel processor loaded
∗2 Models with a USB port as a standard feature
∗3 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

⚠ CAUTION

- 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.

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.**
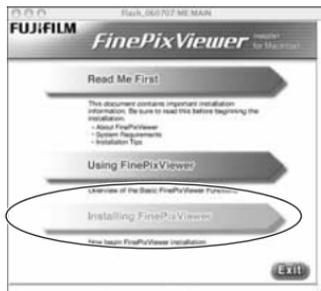
(!) **CAUTION**

For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

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

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.**

8 **The "FinePixInstallOSX" window appears. Click the [Install] button to install FinePixViewer.**

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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.**

⚠ CAUTION

When Safari is used as the Web browser, a message may be displayed and the CD-ROM may not be removed. If this happens, click the Safari icon in the Dock to make Safari the active application and then select "Quit Safari" in the "Safari" menu to shut down Safari.

11 **Launch "Image Capture" from the "Applications" folder.**

12 **Change the Image Capture settings. Select "Preferences..." from the "Image Capture" menu.**
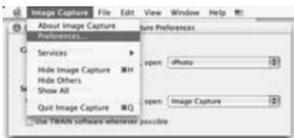
13 **Select "Other..." from "When a camera is connected, open".**

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.**

Connecting to a PC

By connecting the camera to a PC, your system can be expanded to fill a wide range of uses. Using "FinePixViewer" performs images saving, browsing and file management etc.

✎ MEMO

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 Software Installation (→p.140, 143) 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)

① Insert the **xD-Picture Card** with images into the camera (→p.22).

⚠ CAUTION

* Do not format the **xD-Picture Card** in the camera on the PC.
* Use the **xD-Picture Card** with images taken by a FUJIFILM Digital camera.
* When connecting to a PC, if the **xD-Picture Card** contains large image or movie files, connection or transmission may take time or images may not be stored. In these cases, use the Image Memory Card Reader (sold separately), etc.

② Connect the camera to your PC using the USB cable (mini-B).

AC-5VX (sold separately)

USB socket (mini-B)
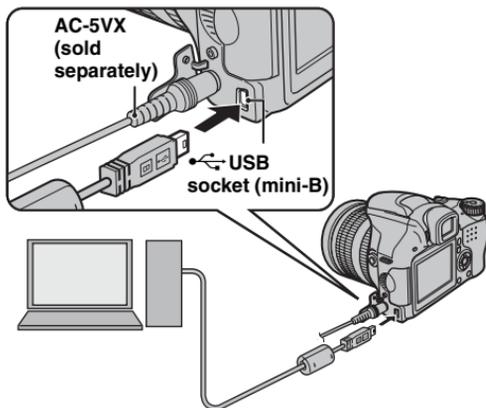
③ Set the Power switch to ▶ to turn the camera on.

CAUTION

- FinePix S6000fd / FinePix S6500fd is compatible with PTP (Picture Transfer Protocol). A PTP-compatible camera is a camera which can recognize the PC and printer automatically when connected.
- Always use the FUJIFILM AC Power Adapter AC-5VX (sold separately). If the camera suddenly loses power during data exchange, the **xD-Picture Card** or internal memory could be damaged.
- Do not disconnect the USB cable (mini-B) when the camera is communicating with a PC. If disconnecting the USB cable (mini-B) during communication, the files on the **xD-Picture Card** or internal memory may cause damage.
- In Mac OS X, you must set the automatic setup when the first time you connect the camera to your PC.
- Make sure that USB cable (mini-B) is connected correctly and pushed in.
- Perform pre-arranged steps to disconnect and turn off the camera (→p.148-149).
- When the camera and PC are exchanging data, the indicator lamp blinks alternately green and orange.
- Auto power off is disabled during USB connection.
- Before replacing the **xD-Picture Card**, always disconnect the camera from the PC. See p.148, 149 for information on the disconnection procedure.
- The camera and PC may be exchanging data even when "Copying" disappears on your PC screen. Before disconnecting the USB cable (mini-B), always check that the indicator lamp is off.
- Always use FinePixViewer to transfer images with voice memos to a PC.
- An image taken with CCD-RAW (→p.128) setting is required to be transferred to a PC using FinePixViewer.

④ Set a PC.

Windows 98 SE / Me / 2000 Professional / Macintosh

CAUTION

The Windows CD-ROM may also be required during installation. In this event, change CD-ROMs as directed by the on-screen instructions.

- 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.

∗ Screen for Windows 2000 Professional

MEMO

- You can only see images saved on a PC. Save images on a PC.
- If you cancel saving by clicking the [Cancel] button, set the Power switch to OFF to turn off the camera and then disconnect it from the PC.

Software Installation

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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.

⚠ CAUTION

This step is not required for subsequent connections.

② 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.

✎ MEMO

• You can only see images saved on a PC. Save images on a PC.
• If you cancel saving by clicking the [Cancel] button, set the Power switch to OFF to turn off the camera and then disconnect it from the PC.

Proceed to "Using FinePixViewer" (→p.149).

Disconnecting the camera

1 Windows

Once the image has been saved, the window below appears (Save Image Wizard window). 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.
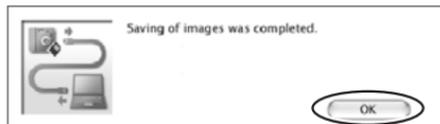
2 ① Set the Power switch to OFF to turn the camera off.

② Unplug the USB cable (mini-B) from the camera.

AC-5VX (sold separately)

USB socket (mini-B)
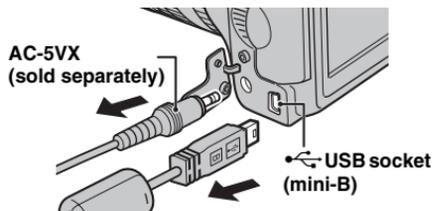
◆ Using FinePixViewer

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.

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".

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.

To remove FinePixViewer

FinePixViewer Ver.5.3

To remove the driver software

FUJIFILM USB Driver

⑤ When the message appears, click the [OK] button. Check your selection carefully since the process cannot be canceled once you click the [OK] button.

FUJIFILM USB Driver

FUJIFILM USB Driver is deleted. OK?

OK   Cancel

⑥ Automatic uninstallation begins. When uninstallation ends, click the [OK] button.

Macintosh

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

Memo

System Expansion Option

By using FinePix S6000fd / FinePix S6500fd 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.

■ Audio/Visual output
TV monitor (commercially available)

Audio/Visual output

■ Printing
USB

PictBridge-compatible printer (commercially available)

Printer (commercially available)

FinePixS6000fd
FinePixS6500fd

xD-Picture Card

■ Image input/output to the PC
Personal Computer (commercially available)

USB

Image Memory Card Reader DPC-R1
(USB)

PC Card Adapter DPC-AD
(PC card slot)

CompactFlash™ Card Adapter DPC-CF
(CF card slot)
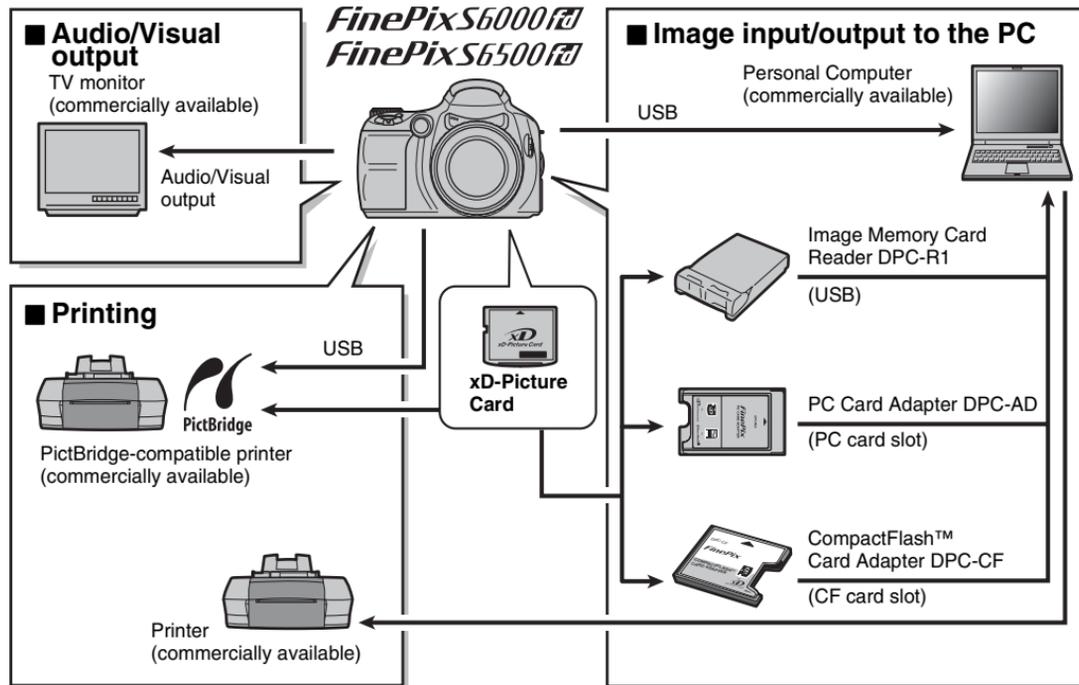
Accessories Guide

Visit the FUJIFILM web site for the latest information on camera accessories.
http://www.fujifilm.com/products/digital/index.html
Accessory availability may vary by country. Please check with your local Fujifilm representative to confirm product availability.

• **xD-Picture Card** Use the following **xD-Picture Card**s: 16MB/32MB/64MB/128MB/256MB/512MB/1GB/2GB There are two types of **xD-Picture Card**: standard type and Type M (containing "M" in the model number, such as DPC-M1GB). FinePix S6000fd / FinePix S6500fd 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 FinePix S6000fd / FinePix S6500fd is connected to a PC. ∗ The shape of the AC power adapter, the plug, and power outlet depend on the country.
• **Soft Case SC-FXS9** This case protects the camera against soil, dust, and minor impacts when it is being carried.
• **Wide Conversion Lens WL-FXS6** See p.155 for details.
• **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 (**xD-Picture Card** and SmartMedia). The DPC-R1 uses the USB interface for high-speed file transfer. -Compatible with **xD-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 **xD-Picture Card** and SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type Ⅱ). -Compatible with **xD-Picture Card** of 16 MB to 512 MB, and SmartMedia of 3.3 V, 2 MB to 128 MB.

Appendices

• **CompactFlash™ Card Adapter DPC-CF**
Loading an **xD-Picture Card** into this adapter allows you to use the card as a CompactFlash card (Type Ⅰ).

Overview of the Conversion Lens

■ Wide Conversion Lens WL-FXS6

This accessory converts the focal length of your lens by 0.8 times (equal to a 22.4 mm wide-angle lens) without changing its F-stop value.

■ Wide conversion lens specifications

Magnification	×0.8
Lens configuration	3 lenses in 3 groups
Shooting range	approx. 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.)
Accessories	lens caps (front and rear), Lens pouch

Mount the Wide conversion lens by screwing in the direction of arrow.

⚠ CAUTION

- The WL-FXS6 should only be used for wide-angle shots where distortion does not occur. Using the lens at the telephoto setting increases the amount of distortion.
- The wide conversion lens and built-in flash cannot be used together.
- When using the wide conversion lens, there is a possibility of ghost images in shots that are taken facing towards the sun or very strong light.
  This risk can be decreased or eliminated by framing the shot so that bright light sources such as the sun are out of the shot as much as possible.

✎ MEMO

What is ghost image?
Ghost image is an effect whereby strong light shining directly into the lens causes random reflections within the lens that appear as circles or rings of light at different points to the original light source.

Using Your Camera Correctly

Read this information and the "Safety Notes" (→p.192), 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

■ Damaged by Water or Sand

FinePix S6000fd / FinePix S6500fd can be damaged on the inside and outside by water and sand. When you are at the beach or close to water, make sure that the camera is not damaged by water or sand. Take care not to place the camera on a wet surface.

■ Damaged 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 **xD-Picture Card**. In this event, remove the **xD-Picture Card** 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 **xD-Picture Card**.

■ Cleaning Your Camera

• Use a blower brush to remove any dust on the lens, LCD monitor or viewfinder, and then gently wipe the camera with a soft, dry cloth. If any soil remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
• Do not scratch hard objects against the lens, LCD monitor 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.

Power Supply and Batteries

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 S6000fd / FinePix S6500fd 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 subject the batteries to strong impacts.
- Do not use batteries that are leaking, deformed, discolored.
- 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 ($\oplus$ and $\ominus$) 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. Note if the camera is left with 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 and 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.
- Soil (such as fingerprints) on the battery terminals makes the batteries charge less reducing the number of images. Carefully wipe the battery terminals with a soft dry cloth before loading.

If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.

If any battery fluid comes into contact with your hands or clothing, flush the area thoroughly with water. Note that battery fluid can cause loss of eyesight if it gets into your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and contact your physician for treatment.

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.159-160 for the procedure for "Discharging rechargeable batteries".

⚠ CAUTION

Do not use the "Discharging rechargeable batteries" function when alkaline batteries being 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-5VX with the camera.
The use of an AC power adapter other than AC-5VX can be damaged to your digital camera.
- Use the AC power adapter for indoor use only.
- 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.
- If used near a radio, the AC power adapter may cause static. If this happens, move the camera away from the radio.

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
Do not use the Discharging rechargeable batteries function while using the AC power adapter. In these situations, the Ni-MH batteries will not be discharged due to the external power supply.

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To discharge rechargeable batteries:
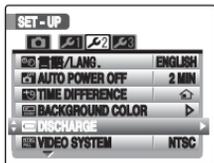
① Set the Power switch to ▶ to turn the camera on.

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

③ Press ▲ or ▼ to select 🎛 SET-UP.

④ Press ▶ to display the SET-UP menu.

⑤ Press ◀ or ▶ to select 🔧2.

⑥ Press ▲ or ▼ to select ▣ DISCHARGE.
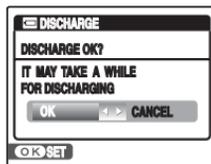
⑦ Press ▶.

⑧ Press MENU/OK.

⑨ Press ◀ or ▶ to select OK.

⑩ The screen changes and discharging begins.
When the battery level indicator blinks red and discharging ends, the camera turns off.

⚠ CAUTION

To cancel discharging, press DISP/BACK.

Notes on the **xD-Picture Card**™ and the Internal Memory

■ **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 re-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.

■ **Internal Memory**

• Images held in the camera's internal memory may be corrupted or erased due to problems such as camera faults. Save your important data to another media (i.e., DVD-R, CD-R, CD-RW, hard disk, etc.).

• Data stored in the camera's internal memory cannot be guaranteed in the event that the camera is submitted for repairs.

• When the camera is repaired, any data stored in the camera's internal memory is subject to checking by the repairer.

■ **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 or internal memory is being accessed (i.e., during record, erase, initialization, and playback operations).
 2. Improper handling and use of the memory card or internal memory by the user or third party.

✎ **MEMO**

Save your important data to another media (i.e., DVD-R, CD-R, CD-RW, hard disk, etc.).

■ **Handling xD-Picture Card**

• When storing **xD-Picture Card**s, 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.

• When inserting the **xD-Picture Card** into the camera, hold the **xD-Picture Card** straight as you push it in.

• Do not expose an **xD-Picture Card** to shock. Do not apply pressure, and avoid bending.

• Do not use or store **xD-Picture Card** in hot and humid places.

• 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**.

• Never remove the **xD-Picture Card** or turn the camera off during data recording or erasing (**xD-Picture Card** formatting) as this could be damaged to the **xD-Picture Card**.

• The use of **xD-Picture Card**s is recommended with FinePix S6000fd / FinePix S6500fd.
The recording quality cannot be guaranteed when **xD-Picture Card**s other than those manufactured by FUJIFILM are used.

Appendices

- The **xD-Picture 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.

✎ MEMO

- There are two types of **xD-Picture Card**: standard type and Type M (containing "M" in the model number, such as DPC-M1GB).
  FinePix S6000fd / FinePix S6500fd is compatible with Type M, however they may not be compatible depending on the device used (Image Memory Card Reader, etc.).
- While Type H and M share the same compatibility. Type H cannot be used with **xD-Picture Card** USB drive DPC-UD1, while Type M can.

■ Using **xD-Picture Card** or Internal Memory with a PC

- When taking pictures using an **xD-Picture Card** or internal memory that has been used on a PC, reformat the **xD-Picture Card** or internal memory using your camera for best quality.
- When formatting an **xD-Picture Card** or internal memory, 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 **xD-Picture Card** or internal memory because this will make it impossible to use the **xD-Picture Card** or internal memory in your camera.
- Always use the camera to erase image data on an **xD-Picture Card** or internal memory.
- To edit image data, copy or transfer the image data to the PC and edit the copied or transferred data.

■ 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 × 20 mm × 2.2 mm (0.98 in. × 0.79 in. × 0.09 in.) (W × H × D)

Warning Displays

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

Warning Displayed	Explanation	Remedy
▭◢ (Lit red) ▭ (Blinking red)	The batteries are low or completely out of charge.	Load new or fully charged batteries.
! ✋	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. A tripod may be recommended, depending on the scene and mode.
!AF	The AF (autofocus) cannot work effectively.	• 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 (→p.39). • Select Macro mode when taking close-up shots.
Aperture/ Shutter speed display (Lit red)	The camera cannot shoot the picture at the correct brightness due to too bright or dark shooting condition.	The picture can be taken, but the correct brightness (exposure) will not be obtained.
FOCUS ERROR **ZOOM ERROR**	Camera malfunction or fault.	• 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.
NO CARD	**xD-Picture Card** is not inserted when transferring images.	Insert an **xD-Picture Card**.
CARD NOT INITIALIZED	• The **xD-Picture Card** or internal memory is not formatted. • The **xD-Picture Card** contact area is soiled. • Camera fault.	• Format the **xD-Picture Card** or internal memory on the camera (→p.130). • Wipe the contact area on the **xD-Picture Card** with a soft, dry cloth. It may be necessary to format the **xD-Picture Card** (→p.130). If the message still appears, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer.

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Warning Displayed	Explanation	Remedy
CARD ERROR	• The **xD-Picture Card** contact area is soiled. • The **xD-Picture Card** format is incorrect. • Camera fault. • The **xD-Picture Card** is damaged.	• Wipe the contact area on the **xD-Picture Card** with a soft, dry cloth. It may be necessary to format the **xD-Picture Card** (→p.130). If the message still appears, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer.
🖵 **MEMORY FULL** 🏠 **MEMORY FULL**	The internal memory or **xD-Picture Card** is full.	Erase some images in internal memory or **xD-Picture Card** (→p.48), or use an **xD-Picture Card** that has ample free space.
WRITE ERROR	• The data could not be recorded due to an **xD-Picture Card** error or a connection error between the **xD-Picture Card** and camera. • The image cannot be recorded as it is too large to fit in the available space on the **xD-Picture Card**. • The **xD-Picture Card** or internal memory is not formatted.	• Re-insert the **xD-Picture Card** or turn the camera off and then on again. If the message still appears, contact your FUJIFILM dealer. • Use a new **xD-Picture Card**. • Format the **xD-Picture Card** or internal memory on the camera (→p.130).
BUSY	The timing for recording was incorrect because the **xD-Picture Card** was formatted on a PC.	Use an **xD-Picture Card** that was formatted on the camera.
FRAME NO. FULL	The frame number has reached 999-9999.	① Insert a formatted **xD-Picture Card** into the camera. ② Set RENEW as the FRAME NO. setting in the 🎛 SET-UP menu (→p.127). ③ Start taking pictures (The frame number starts from "100-0001"). ④ Set CONTINUOUS as the FRAME NO. setting in the 🎛 SET-UP menu.
READ ERROR	• The played back file was not recorded correctly. • The **xD-Picture Card** contact area is soiled. • Camera fault. • An attempt was made to play back the image or the movie that was not recorded on this camera.	• This file 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** (→p.130). If the message still appears, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer. • The movie and image cannot be played back.

Warning Displayed	Explanation	Remedy
TOO MANY FRAMES	An attempt was made to show 5,000 or more image by date sorting.	No more than 4,999 images can be shown by date sorting.
PROTECTED FRAME	• An attempt was made to erase a protected file. • An attempt was made to add a voice memo to protected file. • An attempt was made to rotate a protected file.	• Protected files cannot be erased. Remove the protection (→p.106). • Protected files cannot be added to voice memos. Remove the protection (→p.106). • Protected files cannot be rotated. Remove the protection (→p.106).
🎤 ERROR	• The voice memo file is faulty. • Camera fault.	• The voice memo cannot be played back. • Contact your FUJIFILM dealer.
🗂 NO IMAGE 🖿 NO IMAGE	An attempt was made to transfer images from the **xD-Picture Card** or internal memory that memory was empty.	It is impossible to copy.
🗂 CAN NOT TRIM 🖿 CAN NOT TRIM	An attempt was made to trim a 0.3M image or an image shot with the RAW setting.	The image cannot be trimmed.
CAN NOT TRIM	• An attempt was made to trim an image shot using a camera other than FinePix S6000fd / FinePix S6500fd. • The image is damaged.	The image cannot be trimmed.
DPOF FILE ERROR	Prints were specified for 1000 or more frames in the DPOF frame settings.	The maximum number of frames for which prints can be specified on the same **xD-Picture Card** is 999. Copy the images for which you want to order prints onto another **xD-Picture Card** and then specify the DPOF settings.
CAN NOT SET DPOF 🖿 CAN NOT SET DPOF 🎬 CAN NOT SET DPOF	An attempt was made to specify DPOF settings for a movie or an image that is not supported by DPOF.	DPOF printing cannot be used with this image format.
CAN NOT ROTATE 🎬 CAN NOT ROTATE	An attempt was made to rotate a movie or an image shot using a camera other than FinePix S6000fd / FinePix S6500fd.	These images cannot be rotated by image formats.

Appendices

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Warning Displayed	Explanation	Remedy
COMMUNICATION ERROR	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.
PRINTER ERROR	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.
PRINTER ERROR RESUME?	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 MENU/OK to restart printing.
CANNOT BE PRINTED	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 S6000fd / FinePix S6500fd? You may not be able to print some images photographed on other cameras.

Memo

Troubleshooting

■ **Getting ready**

Matters	Problems	Possible causes	Solutions	Page
Batteries and power supply	Nothing happens when setting the Power switch to ◘ or ▣.	The batteries have run out.	Load new or fully charged batteries.	19, 21, 157
		The batteries are loaded backward.	Load the batteries in the corrected direction.	20
		The batteries cover or slot cover is not closed securely.	Close the batteries cover or slot cover securely.	20
		The camera and AC power adapter are not connected correctly.	Connect the camera and AC power adapter correctly.	135, 159
		The camera has been left for a long period with batteries and AC power adapter removed.	Load the batteries or connect the AC power adapter, and wait a short time before turning the camera on.	19, 24, 135
	Batteries run out quickly.	Camera is used in extremely cold conditions.	Put the batteries in your pocket or another warm place to heat it and then load it into the camera just before you take a picture.	19, 21, 157
		The battery terminals are soiled.	Wipe the battery terminals with a clean, dry cloth.	21, 157
		Same batteries have been used for a long period.	The batteries can no longer be recharged. Load a new batteries.	19, 21, 157
		The rechargeable batteries (if used) have become deactivated, or the battery capacity has diminished due to the memory effect.	Use the rechargeable battery discharging function to restore the rechargeable batteries to full capacity.	159
	Power cuts out during operation.	The batteries have run out.	Load new or fully charged batteries.	19, 21, 157
		The camera and AC power adapter are not connected correctly.	Connect the camera and AC power adapter correctly.	135, 159

■ Setting menu etc.

Matters	Problems	Possible causes	Solutions	Page
Screen display	Screens are not displayed in English.	A language other than English is selected in the 言語/LANG. setting in the SET-UP menu.	Select ENGLISH.	28

■ Shooting

Matters	Problems	Possible causes	Solutions	Page
Basic operations	No photograph is taken when pressing the shutter button.	The **xD-Picture Card** or internal memory is full.	Insert a new **xD-Picture Card** or erase some unnecessary frames.	22, 48
		The **xD-Picture Card** or internal memory is not formatted.	Format the **xD-Picture Card** or internal memory on the camera.	122, 130
		The **xD-Picture Card** contact area is soiled.	Wipe the **xD-Picture Card** contact area with a soft, dry cloth.	22, 161
		The **xD-Picture Card** is damaged.	Insert a new **xD-Picture Card**.	22
		The batteries have run out.	Load new or fully charged batteries.	19, 21, 157
		The Auto power off function has turned the camera off.	Turn the camera on.	24
	The screen darkens after taking a picture.	You took pictures with flash.	The screen may darken for charging flash. Wait a short time.	76
Focusing	Camera has difficulty in focusing on the subject.	You took a close-up shot without selecting Macro mode.	Select Macro mode.	74
		You photographed scenery with Macro mode selected.	Cancel Macro mode.	74
		You are shooting a subject that is not suited to autofocusing (→p.40).	Use AF/AE lock or "MF" Manual focus mode to take the picture.	39, 72

Matters	Problems	Possible causes	Solutions	Page
Intelligent Face Detection	Cannot set Intelligent Face Detection.	The Shooting mode is set to ▲, ✕, ☾, ☼, ❄, or ᴛᴇxᴛ.	Change the Shooting mode.	54
Macro	Cannot set the camera to Macro (close-up) mode.	The Shooting mode is set to ♥, ▲, ✕, ☾, ☼, ⛰, ·🎆·, 🎇, or ▽.	Change the Shooting mode.	54
Flash	Cannot use the flash.	The shutter button was pressed while the flash was charging.	Wait until the charging is completed before pressing the shutter button.	76
		The Shooting mode is set to ◐, ▲, ☼, ₀ꜰꜰ, or ❄.	Change the Shooting mode.	54
		The batteries have run out.	Load new or fully charged batteries.	19, 21, 157
		Continuous shooting is selected.	Set continuous shooting to OFF.	77
		The flash is set to ⑤ SUPPRESSED FLASH mode.	Set to another flash mode excluding the ⑤ SUPPRESSED FLASH mode.	75
		❀ Super macro mode is selected.	Cancel ❀ Super macro mode.	74
	Cannot pop up the flash.	The flash is set to ⑤ SUPPRESSED FLASH mode.	Set to another flash mode excluding the ⑤ SUPPRESSED FLASH mode.	75
		The shooting condition is bright enough not to need flash.	Set to ⚡ FORCED FLASH mode when you want to take pictures with flash.	75
	The flash settings are restricted and cannot be selected.	The Shooting mode is set to anything other than ♥ and P.	The flash settings are restricted because the camera settings are tailored to the scene being shot. Change the Shooting mode for a wider range of flash settings.	54, 76
	The playback image is dark even though the flash was used.	The subject is too far away.	Move to within the effective flash range before taking the picture.	74, 76
		Your finger was covering the flash.	Hold the camera correctly.	34

Matters	Problems	Possible causes	Solutions	Page
Photographed images	The image is blurred.	The lens is dirty.	Clean the lens.	156
		!AF appeared when taking pictures.	Check the focus on the subject and take pictures.	34, 39, 163
		! ✋ appeared when taking pictures.	It may cause camera shake. Hold the camera steadily.	36, 163
	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.	–
Recording images	Photographed images or movies are not recorded.	AC power adapter was connected or disconnected during turning the camera on.	Connect or disconnect the AC power adapter only when the camera is off. Failing to turn the camera off first can result in damage to the **xD-Picture Card** or malfunctions during PC connection.	135, 159
Continuous shooting	Only 1 frame can be shot even though continuous shooting mode was set.	A picture is taken using self-timer when setting FINAL 3 or LONG PERIOD continuous shooting mode.	Only 1 frame can be shot when using FINAL 3 or LONG PERIOD continuous shooting mode and Self-timer mode together.	77, 79

■ **Playing back**

Matters	Problems	Possible causes	Solutions	Page
Playing back movie / voice memo	The camera does not emit any sound.	The camera volume is set too low.	Adjust the volume.	113, 120, 122, 129
		The microphone was blocked during shooting/recording.	Take care not to block the microphone during shooting/recording.	14, 111, 117
		There is something covering the speaker during playback.	Make sure that the speaker is uncovered.	14, 112, 120
Erasing	Erasing FRAME does not erase the frame.	Some frames may be protected.	Unprotect frames using the camera on which the protection was first applied.	106
	Erasing ALL FRAMES does not erase all the frames.			
Frame No.	CONTINUOUS in the frame number setting does not function.	You opened the battery cover without turning the camera off when replacing the batteries or **xD-Picture Card**.	Always turn the camera off when replacing the batteries or **xD-Picture Card**. Opening the battery cover without turning the camera off may cause the frame number memory to not function.	24

■ **Connecting**

Matters	Problems	Possible causes	Solutions	Page
Connecting to TV	There is no image or sound on the TV.	The camera is not connected to the TV correctly.	Connect the camera and TV correctly.	134
		The included A/V cable was connected during movie playback.	After the movie playback mode is stopped, connect the camera and TV correctly.	119, 134
		"TV" is selected as the TV input.	Set the TV input to "VIDEO".	–
		The video output setting is incorrect.	Change the setting to NTSC or PAL.	122, 124
		The TV volume is turned down.	Adjust the volume.	–
	The TV image is black and white.	The video output setting is incorrect.	Change the setting to NTSC or PAL.	122, 124
Connecting to PC	PC does not recognize the camera.	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.	146
Connecting to printer	Cannot print with PictBridge.	• The USB cable (mini-B) is not correctly connected to the printer or camera. • The printer is not turned on.	• Set up the camera, and connect the USB cable (mini-B) correctly. • Turn the printer on.	136

Continued ➡

■ **Others**

Matters	Problems	Possible causes	Solutions	Page
Camera operation etc.	Nothing happens when pressing the buttons on the camera.	Camera malfunction may be caused temporarily.	Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again.	19, 20, 135, 159
		The batteries have run out.	Load new or fully charged batteries.	19, 21, 157
	The camera no longer works correctly.	Camera malfunction may be caused temporarily.	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.	19, 20, 135, 159

Specifications

System	
Model	Digital camera FinePix S6000fd / FinePix S6500fd
Effective pixels	6.3 million pixels
CCD	1/1.7-inch Super CCD HR
Storage media	Internal memory (approx. 10 MB)/**xD-Picture Card** (16/32/64/128/256/512 MB/1 GB/2 GB)

File format	Still image: DCF-compliant
	  Compressed: Exif ver.2.2 JPEG, DPOF-compatible
	  Uncompressed: CCD-RAW (RAF)
	  ∗Design rule for Camera File System compliant DPOF compatible
	Movie: AVI format, Motion JPEG
	Audio: WAVE format, Monaural sound

Number of recorded pixels	Still image: 2848 × 2136 pixels/3024 × 2016 pixels/2048 × 1536 pixels/ 1600 × 1200 pixels/640 × 480 pixels (⑥Ⅿ/③②/③Ⅿ/②Ⅿ/⓪③Ⅿ)
File size	See the table on the p.179
Lens	Fujinon 10.7× optical zoom lens F2.8-F4.9
Focal length	f=6.2 mm-66.7 mm (Equivalent to approx. 28 mm-300 mm on a 35 mm camera)
Digital zoom	Approx. 2.0× (10.7× optical zoom lens is used together: Max. zoom scale: approx. 21.4×)
Aperture (Wide-angle)	F2.8 to F11 Up to 13 steps in 1/3 EV increments Manual/Auto selectable

Focal range	Normal: Wide-angle: approx. 40 cm (1.3 ft.) to infinity (In High-speed shooting mode: approx. 2.0 m (6.6 ft.) to infinity)
	        Telephoto: approx. 2.0 m (6.6 ft.) to infinity (In High-speed shooting mode: approx. 4.0 m (13.1 ft.) to infinity)
	Macro: Wide-angle: approx. 10 cm (3.9 in.) to 3.0 m (9.8 ft.)
	       Telephoto: approx. 90 cm (3.0 ft.) to 3.0 m (9.8 ft.)
	Super macro: approx. 1 cm to 1.0 m (0.4 in. to 3.3 ft.) (Wide-angle only)

System	
Sensitivity	AUTO/Equivalent to ISO 100/200/400/800/1600/3200
Photometry	TTL 256-zones metering Multi, Spot, Average
Exposure control	Program AE (When using P mode : Program Shift is enabled)/Shutter priority AE/Aperture priority AE/ Manual exposure
Scene position	⚲ (NATURAL LIGHT), ⚲ϟ (NATURAL & ϟ), 👤 (PORTRAIT), ▲ (LANDSCAPE), ⚑ (SPORT), ☾ (NIGHT), ☀ (FIREWORKS), ▲ (SUNSET), ·❄ (SNOW), ⚞ (BEACH), ♫ (MUSEUM), ⚱ (PARTY), ✳ (FLOWER), ▥ (TEXT)
Picture Stabilization	Available
Intelligent Face Detection	Available
Exposure compensation	–2 EV to +2 EV in 1/3 EV-step increments (P, S, A)
Shutter speed	AUTO, ⚟, ⚲, ⚲ϟ, 👤, ▲, ⚑, ▲, ·❄, ⚞, ♫, ✳, ▥: 1/4 sec. to 1/4000 sec*. ☾: 4 sec. to 1/500 sec.* ☀: 4 sec. to 1/2 sec.* ⚱: 1/45 sec. to 1/1000 sec.* (flash only). P, S, A: 4 sec. to 1/4000 sec.* M: 30 sec. to 1/4000 sec.* *depend on Exposure mode

Continuous shooting	Top-3: Number of recorded frames: up to 3 frames
	              (Max. 2.2 frames/sec.)
	 Final-3: Number of recorded frames:
	              Last 3 frames before releasing the shutter button
	              (Max. 2.2 frames/sec.)
	 Long-period: Number of recorded frames: Depend on memory size. 1.5 sec. interval at ⑥Ⓜ N depending
	              on quality level.
	              (Max. 0.6 frames/sec.)

Auto bracketing	± 1/3 EV, ± 2/3 EV, ± 1 EV
Focus	Mode: Single-AF, Continuous AF, Manual focus/One-touch AF (when using Manual focus) AF system: TTL contrast-type, AF-assist illuminator AF frame selection: AF (CENTER), AF (MULTI), AF(AREA)

System	
White balance	Automatic scene recognition/Preset (Fine, Shade, Fluorescent (Daylight), Fluorescent (Warm White), Fluorescent (Cool White), Incandescent) /Custom
Self-timer	Approx. 2 sec./10 sec.
Flash type	Popping the flash up automatically Effective range: (ISO: AUTO): Wide-angle: approx. 60 cm-8.3 m (2.0 ft.-27.2 ft.) Telephoto: approx. 2.0 m-4.6 m (6.6 ft.-15.1 ft.) (Macro): Wide-angle: approx. 30 cm-2.0 m (1.0 ft.-6.6 ft.) Telephoto: approx. 90 cm-2.0 m (3.0 ft.-6.6 ft.)
Flash mode	Auto, Red-eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro, Red-eye Reduction + Slow Synchro
Viewfinder	0.33 inches, approx. 115,000 pixels low-temperature polysilicon TFT color LCD finder, Approx. 100% coverage
LCD monitor	2.5 inches, Aspect ratio: 4:3; approx. 235,000 pixels Amorphous silicon TFT color LCD monitor, Approx. 100% coverage
Movie	640 × 480 pixels/320 × 240 pixels (640/320) (30 frames per second with monaural sound) A series of continuous image can be recorded depending on the available space on an **xD-Picture Card** or internal memory.
Photography functions	Intelligent face detection, High-speed shooting, Best framing, Post shot assist window, Frame No. memory, Histograms
Playback functions	Intelligent face detection, Trimming, Automatic playback, Multi-frame playback, Sorting by date, Image rotate, Histograms (Highlight warning), Voice memo
Other functions	PictBridge, Exif print, Language (日本語, English, Francais, Deutsch, Español, Italiano, 中文简, 繁體, 한글, Русский, Português, Nederlands, Türkçe), Time difference, FinePix photo mode(F-mode), Discharging rechargeable batteries

Input/Output Terminal	
A/V OUT (Audio/Visual output)	NTSC/PAL-type (with monaural sound)
Digital input/output	USB 2.0 High-Speed/PTP (Picture Transfer Protocol)
DC input socket	AC Power Adapter AC-5VX (sold separately)

Power Supply and Others	
Power supply	Use one of the following: • 4× AA-size alkaline batteries • 4× AA-size Ni-MH (Nickel-Metal Hydride) batteries (sold separately) • AC Power Adapter AC-5VX (sold separately)

Guide to the number of available frames for battery operation

Battery Type	With LCD monitor ON	With viewfinder (EVF) ON
Alkaline batteries	Approx. 200 frames	Approx. 200 frames
Ni-MH batteries 2500 mAh	Approx. 400 frames	Approx. 400 frames

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**.
Pictures should be taken at a temperature of +23°C (+73°F), with the LCD monitor turned on, 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)	130.7 mm × 97.2 mm × 119.5 mm/5.1 in. × 3.8 in. × 4.7 in. (not including accessories and attachments)
Camera mass (weight)	Approx. 570 g/20.1 oz. (not including accessories, batteries and **xD-Picture Card**)
Weight for photography	Approx. 660 g/23.3 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)

■ **Standard number of available frames/recording time per xD-Picture Card and internal memory**

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 **xD-Picture Card**s with higher capacities.

Quality setting	6M F	6M N	3:2	3M	2M	03M	RAW	640 (30 fps)	320 (30 fps)
Number of recorded pixels	2848 × 2136		3024 × 2016	2048 × 1536	1600 × 1200	640 × 480	–*	640 × 480	320 × 240
Image data size	3.0 MB	1.5 MB	1.5 MB	780 KB	630 KB	130 KB	13.4 MB	–	–
Internal memory (approx. 10 MB)	3	6	6	12	15	77	0	8 sec.	16 sec.
16 MB	5	10	10	19	25	122	1	13 sec.	26 sec.
32 MB	10	20	20	40	50	247	2	27 sec.	54 sec.
64 MB	21	42	42	81	101	497	4	55 sec.	109 sec.
128 MB	42	84	84	162	204	997	9	111 sec.	219 sec.
256 MB	85	169	169	325	409	1997	19	223 sec.	7.3 min.
512 MB	170	339	339	651	818	3993	38	7.4 min.	14.6 min.
1 GB	341	680	680	1305	1639	7995	76	14.9 min.	29.3 min.
2 GB	680	1360	1360	2558	3198	15992	152	29.8 min.	58.7 min.

∗ Number of recorded pixel is 4048 × 3036 when displaying images on PC by using FinePixViewer.

Continued ➡

If you shoot using the **xD-Picture Card**s 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.

∗ These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.
∗ The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
∗ The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).
∗ Due to the nature of the lens, the edges of images may appear distorted. This is normal.

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.

WAVE
A standard format used on Windows systems for saving audio data. WAVE 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
　　　　　* QuickTime 3.0 or later

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, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance.

Exif Print
Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

FUJIFILM Digital Camera Worldwide Network

If you have technical questions or if you need repair service, ask the following 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		
Canada	**Fuji Photo Film Canada Inc.** Technical support	600 Suffolk Court Mississauga Ontario, L5R 4G4 TEL 1-866-818-FUJI (3854) http://www.fujihelp.ca
	Repair service	600 Suffolk Court Mississauga Ontario, L5R 4G4 TEL 1-800-263-5018 FAX 1-905-755-2993 http://www.fujihelp.ca
U.S.A.	**Fuji Photo Film USA** Technical support	1100 King George Post Rd., Edison, NJ 08837 TEL 800-800-3854 FAX 732-857-3487 digitalinfo@fujifilm.com
	Repair service	1100 King George Post Rd., Edison, NJ 08837 TEL 732-857-3000 FAX 732-857-3471 njcamerarepair@fujifilm.com
Hawaii	**Fuji Photo Film Hawaii, Inc.** Technical support & Repair service	94-468 Akoki Street, Waipahu, HI. 96797 TEL 1-808-677-3854, ext. 209 FAX 1-808-677-1443 kurt_kmett@fujifilmhawaii.com

CENTRAL & SOUTH AMERICA		
Argentina	**Imagen e informacion S.A.** Technical support & Repair service	Fondo de la Legua 936 San Isidro Pcia. de Buenos Aires TEL +54-11-4836-1000 FAX +54-11-4836-1144 servtec@imageneinformacion.com.ar
Bolivia	**Reifschneider Bolivia Ltda.** Technical support & Repair service	Calle H N.° 5 - Equipetrol Norte - Santa Cruz TEL +591 33 44 1129 FAX +591 33 45 2919 gciagral@bibosi.scz.entelnet.bo
Brazil	**Fuji Photo Film do Brasil Ltda.** Technical support & Repair service	Av. Vereador José Diniz, 3400 - Campo Belo, São Paulo/SP TEL 0800-12-8600 FAX +55 11 5091-4150 camarasdigitais@fujifilm.com.br
Chile	**Reifschneider SA** Technical support & Repair service	Av. El Conquistador del Monte 5024, Huechuraba, Santiago, Chile TEL 02-4431500 FAX 02-4431596 ceciliacalvo@reifschneider.cl
Colombia	**Animex de Colombia Ltda.** Technical support & Repair service	Calle 44 N.° 13-43 Piso 2 Apartado 18001 - Bogotá TEL +57 1 338-0299 FAX +57 1 288-2208 animex@etb.net.co
Ecuador	**Espacri Cia Ltda** Technical support & Repair service	Bolivar 5-69 y Hermano Miguel TEL 593-72-835526 FAX 593-72-833157

Ecuador	**Importaciones Espacri Cia. Ltda.** Technical support & Repair service	Simón Bolivar 5-69 y Hno. Miguel - Cuenca TEL +593 783 5526 FAX +593 783 3157 portiz@fujifilm.com.ec
Mexico	**Fujifilm de Mexico, S.A. de C.V.** Technical support	Av. Ejercito Nacional 351, Col. Granada 11520 Mexico, D.F. TEL (52-55) 5263-5566 / 68 FAX (52-55) 5254-1508 jlgiraud1@fujifilm.com.mx
	Repair service	Av. Presidente Juarez 2007, Col. Tepetlacalco, 54090 Tlalnepantla, Edo. de Mexico TEL (52-55) 5263-5500 FAX (52-55) 5254-1508 jlgiraud1@fujifilm.com.mx
Paraguay	**Errece S.R.L.** Technical support & Repair service	Edificio Unitas 15 de Agosto 1035, Asunción TEL +595 21 444256 FAX +595 21 444651 jmarbulo@fujifilm.com.py
Peru	**Procesos de Color S.A.** Technical support & Repair service	Pablo Bermudez 111 Apartado 3794 - Esq. Arequipa - Lima 11 TEL +51 14 33 5563 FAX +51 14 33 7177 jalvarado@fujifilm.com.pe
Uruguay	**Fotocamara S.R.L.** Technical support & Repair service	Cuareim 1439, montevideo, Uruguay TEL +598-2-9002004 FAX +598-2-9008430 fotocam@adinet.com.uy
Uruguay	**Kiel S.A.** Technical support & Repair service	Maldonado 1787 Montevideo- Uruguay TEL (05982) 419 4542 FAX (05982) 412 0046 kiel@fujifilm.com.uy
Venezuela	**C. Hellmund & Cia Sa** Technical support & Repair service	Av. Ppal Diego Cisneros Caracas Venezuela Edf Oficentro TEL 0212-2022300 FAX 0212-2399796 hellmund@hellmund.com

EUROPE		
Austria	**Fuji Film Oesterreich** Technical support & Repair service	Traviatagasse/Pfarrgasse, 1230 Vienna, Austria TEL 0043 1 6162606/51 or 52 FAX 0043 1 6162606/58 kamera.service@fujifilm.at
Belgium	**Belgian Fuji Agency** Technical support & Repair service	20, Avenue Lavoisier, Wavre, 1300, Belgium TEL 3210242090 FAX 3210238562 info@fuji.be
Croatia	**I&I d.o.o.** Technical support	Hondlova 2, Zagreb, Croatia TEL 38512319060 FAX 2310240 dsaravanja@fujifilm.hr
	Repair service	Hondlova 2, Zagreb, Croatia TEL 38512316228 FAX 2310240 info@fujifilm.hr
Cyprus	**PMS IMAGING LTD** Technical support & Repair service	11, Dighenis Akritas Avenue, P.O.BOX 22315, 1586 Nicosia TEL 35722746746 FAX 35722438209 mariosashiotis@fujifilm.com.cy

Cyprus	**Doros Neophytou** **CAMERA REPAIRS** Technical support & Repair service	28B, Agiou Demetriou, Acropoli, Nicosia TEL 35722314719 FAX 35722515562 dorosn@logosnet.cy.net
Czech Republic	**Fujifilm Cz., s.r.o.** Technical support	U nakladoveho nadrazi 2/1949, 130 00 Praha 3 TEL 00420 234 703 411 FAX 00420 234 703 489 fricman@fujifilm.cz
Czech Republic	**AWH servis** Repair service	Milesovska 1, 130 00 Praha 3, Czech republic TEL 00420 222 721 525 FAX 00420 222 720 122 awh@awh.cz
Denmark	**Fujifilm Denmark A/S** Technical support & Repair service	Stubbeled 2, 2950 Vedbæk Denmark TEL 0045 45662244 FAX 0045 45662214 fujifilm@fujifilm.dk
Finland	**Fuji Finland Oy** Technical support & Repair service	Martinkyläntie 41, 01720 Vantaa, Finland TEL +358 9 825951 FAX +358 9 870 3818 fuji@fuji.fi
France	**FUJIFILM France** Technical support & Repair service	2, Avenue Franklin, 78186 Saint-Quentin en Yvelines, France FAX 33 1 01 30 58 58 65 direction.technique@fujifilm.fr
Germany	**Fuji Photo Film (Europe) GmbH** Technical support & Repair service	Heesenstr. 70, 40549 Düsseldorf International call TEL +49 211 50890 FAX +49 211 5089668 service@fujifilm.de National call* TEL 0180 5898980 FAX 0180 5898982 *12 Cent/Min aus dem deutschen Festnetz
Greece	**FUJIFILM HELLAS S.A.** Technical support & Repair service	1, Ihous & Ag. Anargiron str., 175 64 P.Phaliro, Athens, Greece TEL 0030 210 9404100 FAX 0030 210 9404397 fujifilm@fujifilm.gr
Hungary	**Fujifilm Hungary Ltd.** Technical support	Vaci ut 19. Budapest, 1134, Hungary TEL 3612389410 FAX 3612389401 fujifilm@fujifilm.hu
Iceland	**Icephoto (Ljosmyndavorur)** Technical support & Repair service	Skipholt 31, 105 Reykjavik, Iceland TEL 354 568 0450 FAX 354 568 0455 framkollun@fujifilm.is
Italy	**FujiFilm Italia S.p.A.** Technical support	Via Dell'Unione Europea, 4 - 20097 San Donato Milanese (MI), Italy TEL 039-02895821 FAX 039-0289582912 info@fujifilm.it
	Repair service	Fujifilm On Line - Call center TEL 039-026695272 info@fujifilm.it
Lithuania	**Fujifilm Lithuania** Technical support & Repair service	Gerosios Vilties str. 38, LT-03143 Vilnius, Lithuania TEL 370-5-2130121 FAX 3705-5-2134066 info@fujifilm.lt

Malta	**Ciancio (1913) Co.Ltd.** Technical support & Repair service	Fuji Tech Centre, Ciancio House, Cannon Road, Qormi, QRM05 TEL 0356-21-480500 FAX 0356-21-488328 info@fujifilm.com.mt
Netherlands	**Fujifilm Nederland BV** Technical support	Hoogstraat 39, 3011 PE, Rotterdam, The Netherlands TEL 010-2812345 FAX 010-2812334 fuji@fujifilm.nl
	Repair service	Hoevenseweg 43, 4877 LA, Etten-Leur, The Netherlands TEL 010-2812345 FAX 076-7502641 reparatie@fujifilm.nl
Norway	**Fujifilm Norge AS** Technical support	Lilleakerveien 10, 0283 Oslo, Norway TEL 0047-22736000 FAX 0047-22736020 http://www.fujifilm.no/ mailto:post@fujifilm.no
	Repair service	Liaveien 1, 5132 Nyborg, Norway TEL 0047-55393880 FAX 0047-55195201 http://www.camera.no/ mailto:service@camera.no
Poland	**Fujifilm Polska Distribution Sp. z o.o.** Technical support	Poland Al..Jerozolimskie 178; 02-486 Warszawa TEL +48-22-517-66-00 FAX +48-22-517-66-02 fujifilm@fujifilm.pl
	Repair service	Poland, Muszkieterow 15, 02-273 Warszawa TEL +48-22-886-94-40 FAX +48-22-886-94-42 serwis@fujifilm.pl
Portugal	**Fujifilm Portugal, Lda** Technical support	Av. Fontes Pereira de Melo, 342, 4100-259 Porto, Portugal TEL (351) 226194200 FAX (351) 226194213 finepix@fujifilm.pt
	Repair service	Av. Fontes Pereira de Melo, 342, 4100-259 Porto, Portugal TEL (351) 226194200 FAX (351) 225194662 cameras@fujifilm.pt
Romania	**CTS-Cardinal Top Systems Ltd** Technical support & Repair service	112, Calea Dorobanti street, 4 flat, 1sector, Bucharest, Romania TEL 4021-230-09-82 FAX 4021-230-09-82 cts_tirla@hotmail.com
Russia	**ZAO "Fujifilm RU"** Technical support	Bld. 1, 10, Rozanova str., Moscow, 123007, Russia TEL +7-095-956-9858 FAX +7-095-230-6217 info@fujifilm.ru
	Repair service	18, Shelepikhinskaya Naberezhnaya str., Moscow, 123290, Russia TEL +7-095-797-3434 FAX +7-095-797-3434
Slovakia	**Fujifilm Slovakia** Technical support	Pribylinska 2, 831 04 Bratislava, Slovakia TEL 00421 2 44 888 077 FAX 00421 2 44 889 300 fujifilm@fujifilm.sk
	Repair service	FIS Tatracentrum, Hodzovo nam. 4 - Tatracentrum, 811 06 Bratislava, Slovakia TEL 00421 2 54 647 347 fis.tatracentrum@stonline.sk
Spain	**Fujifilm España S.A.** Technical support	Aragón 180, 08011 Barcelona (España) TEL 902012535 FAX 934515900 / 933230330 info@fujifilm.es
	Repair service	Aragón 180, 08011 Barcelona (España) TEL 934511515 FAX 934515900 / 933230330 tallersat@fujifilm.es

Sweden	**Fujifilm Sverige AB**	Sveavägen 167 104 35 Stockholm
	Technical support	TEL 46 8 506 141 70 FAX 46 8 506 142 09 kamera@fujifilm.se
	Repair service	Sveavägen 167 104 35 Stockholm
		TEL 46 8 506 513 54 FAX 46 8 506513 54 kameraverkstaden@fujifilm.se
Switzerland / Lichtenstein	**Fujifilm (Switzerland) AG** Technical support & Repair service	Niederhaslistrasse 12, 8157 Dietlikon, Switzerland TEL +41 44 855 5154 FAX +41 44 855 5329 RepairCenter@fujifilm.ch
Turkey	**Fujifilm Turkiye Sinfo A.S.** Technical support	Fujifilm Plaza, Dereboyu Cad. 39 34660 Halkali, Istanbul, Turkey TEL +90 212 696 5090 FAX +90 212 696 5009 csarp@fujifilm.com.tr
	Repair service	Fujifilm Plaza, Dereboyu Cad. 39 34660 Halkali, Istanbul, Turkey TEL +90 212 696 5090 FAX +90 212 696 5010 servis@fujifilm.com.tr
U.K.	**Fuji Photo Film (UK) Ltd.** Technical support	St Martins Way St Martins Business Centre Bedford MK42 0LF TEL +44 (0)123 424 5383 FAX +44 (0)123 424 5285 fujitec@fuji.co.uk
	Repair service	St Martins Way St Martins Business Centre Bedford MK42 0LF TEL +44 (0)123 421 8388 FAX +44 (0)123 424 5285 fujitec@fuji.co.uk
Ukraine	**Image Ukraine CJSC** Technical support & Repair service	12, Kontraktova ploshcha, Kyiv 04070, Ukraine TEL +380-44-4909075 FAX +380-44-4909076 d@fujifilm.ua

MIDDLE EAST

Iran	**Tehran Fuka Co.** Technical support & Repair service	229,"Fuji" Bldg., Mirdamad Blvd., Tehran 19189, Iran TEL (+98-21)2254810-19 FAX (+98-21)2221002 fuka@neda.net
Israel	**Shimone Group Ltd.** Technical support	Efal 33 keyriat Arie Petah Tikva 49130, Israel TEL (+) 972 3 9250666 digital@fujifilm.co.il
	Repair service	Efal 33 keyriat Arie Petah Tikva 49130, Israel TEL (+) 972 3 9250666 FAX 972 3 9250699 khaim@shimone.com
Jordan	**Grand Stores** Technical support & Repair service	Al- Abdali, Amman / Jordan TEL 009626-4646387 FAX 009626-4647542 gstores@go.com.jo
Qatar	**Techno Blue** Technical support	Blue Salon Bldg, 3rd Floor, Suhaim bin Hamad st, Al- Saad, Doha TEL 00974 44 66 175 FAX 00974 44 79 053 prabu@techno-blue.com
Saudi Arabia	**Emam Distribution Co. Ltd.** Technical support	P.O. Box 1716, Jeddah 21441, Saudi Arabia TEL 96626978756 FAX 96626917036 service@fujifilm.com.sa

Syria	**Film Trading Company** Technical support	Al-Shahbandar P.O. Box:31180 Damascus SYRIA TEL + 963 11 2218049 FAX + 963 11 44673456 f.t.c@Net.SY
	Repair service	Al-cheikh Taha P.O. Box: 6171 Aleppo SYRIA TEL + 963 21 4641903 FAX + 963 21 4641907 filmtradin@Net.SY
U.A.E.	**Grand Stores** Technical support & Repair service	P. O. Box 2144, Saleh Bin Lahej Building, Al Garhoud, Deira, Dubai TEL + 971-4-2823700 FAX + 971-4-2828382 photography@grandstores.ae
Yemen	**Al-Haidary Trading** Technical support	P.O.Box-2942 Haddah St. HTC, Sana'a, Yemen TEL 00967-1-503980 FAX 00967-1-503983
	Repair service	P.O.Box-2942 Haddah St. HTC, Sana'a, Yemen TEL 00967-1-503977 FAX 00967-1-503983

AFRICA		
Egypt	**Foto Express Egypt** Technical support & Repair service	426 Pyramids St., Giza, Egypt TEL (202) 7762062 FAX (202) 7760169 fotoegypt@access.com.eg
Kenya	**Fuji Kenya Ltd** Repair service	P.O.Box 41669-00100, Fuji Plaza, Chiromo Road, Nairobi, Kenya. TEL (254-20)4446265-8 FAX (254-20)4448515 / 7 info@fujifilm.co.ke

OCEANIA		
Australia	**FUJIFILM Australia Pty Ltd** Technical support	114 Old Pittwater Road, Brookvale, NSW, 2100, Australia TEL 1800 226 355 FAX +61 (2) 9938 1975 digital@fujifilm.com.au
	Repair service	114 Joynton Avenue, Zetland, NSW, 2017, Australia TEL 1800 226 355 FAX +61 (2) 9938 1975 digital@fujifilm.com.au
Fiji	**Brijlal & Co. Ltd** Technical support & Repair service	70-72 Cumming Street,Suva,Fiji TEL (679)3304133 FAX (679)3302777 kapadia@connect.com.fj
New Caledonia	**Phocidis SARL** Technical support & Repair service	58, rue Higginson - B.P.661 - 98845 TEL (00 687) 25-46-35 FAX (00 687) 28-66-70 phocidis@phocidis.nc
New Zealand	**Fujifilm NZ Ltd** Technical support & Repair service	Cnr William Pickering & Bush Road Albany, Auckland TEL +64-9-4140400 FAX +64-9-4140410 glenn.beaumont@fujifilm.co.nz
Papua New Guinea	**Oceania PNG Limited** Technical support	Section 15, Allotment 1, Reke St, Boroko NCD. PNG. Mail: PO Box 2167, Boroko NCD. PNG. TEL +675 3256411 FAX +675 3250311 oceania@daltron.com.pg

ASIA		
Hong Kong	**Fuji Photo Products Co., Ltd.** Technical support & Repair service	8/F.,TSUEN WAN IND. CENTRE, 220 TEXACO RD., TSUEN WAN, HONG KONG TEL (852)2406 3287 FAX (852)2408 3130 rsd@chinahkphoto.com.hk
Indonesia	**PT Modern Photo Tbk** Technical support & Repair service	Jl.Matraman Raya 12, Jakarta Timur 13150 TEL +62 021 2801000 FAX +62 021 8581620+62 021 2801012 kmr-srv@moderngroup.co.id
Malaysia	**Fuji Photo Film (Malaysia) Sdn. Bhd.** Technical support	Letter Box 1, Level 10, 11 & 12, Menara Axis, No 2, Jalan 51A/223, 46100 Petaling Jaya, Selangor Darul Ehsan, Malaysia TEL 603-79584700 FAX 603-79584110 digital@fujifilm.com.my
	Repair service	Letter Box 1, Level 10, 11 & 12, Menara Axis, No 2, Jalan 51A/223, 46100 Petaling Jaya, Selangor Darul Ehsan, Malaysia TEL 603-79584700 FAX 603-79584110 technical@fujifilm.com.my
Philippines	**YKL Development & Trdg. Corp.** Technical support	24 Sto. Domingo St., Quezon City 1100, Philippines TEL 632-7436601~06 FAX 632-7324661 digital@yklcolor.com
	Repair service	24 Sto. Domingo St., Quezon City 1100, Philippines TEL 632-7436601~06 FAX 632-7324661 tech_services@yklcolor.com
Singapore	**Fuji Photo Film Singapore Pte Ltd** Technical support & Repair service	10 New Industrial Road Fujifilm Building Singapore 536201 TEL 65-6380 5557 FAX 65-6281 3594 service@fujifilm.com.sg
South Korea	**Korea Fujifilm Co., Ltd.** Technical support	30-1, Mukjeung-dong, Jung-gu, Seoul, Korea TEL +82-2-3282-7363 FAX +82-2-2269-7435 photo@fujifilm.co.kr
South Korea	**Yonsan AS Center (Fujidigital)** Repair service	#301, 3F, Jeonjaland, 16-9, Hangangro3-ga, Yongsan-gu, Seoul, Korea TEL +82-2-701-1472 FAX +82-2-718-1331 1bowl@hanmail.net
South Korea	**Kangnam AS Center (Digitalgallery)** Repair service	2F, Hyeongin Tower, 23-2, Bangyi-dong, Songpa-gu, Seoul, Korea TEL +82-2-2203-1472 FAX +82-2-418-5572 nurijili@hanmail.net
South Korea	**Busan AS Center (Digital-Sewon)** Repair service	241-4, Bujeon-dong, Busanjin-gu, Busan, Korea TEL +82-51-806-1472 FAX +82-51-817-0083 merahan@yahoo.co.kr
Taiwan	**Hung Chong Corp.** Technical support & Repair service	No. 38, Min-Chuan E. Rd. Sec. 6, Taipei (114), Taiwan, R.O.C. TEL 886-2-6602-8988 FAX 886-2-2791-8647 dah@mail.hungchong.com.tw
Thailand	**Fuji Photo Film (Thailand) Ltd.** Technical support	388 SP Building, 8th Floor, Phayathai, Bangkok 10400 TEL +662-2730029 ext. 755 FAX +662-2730239 supaleark@fujifilm.co.th
	Repair service	388 SP Building, 8th Floor, Phayathai, Bangkok 10400 TEL +662-2730029 ext.761,762 FAX +662-2730239 warin@fujifilm.co.th

Memo

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Safety Notes

- Make sure that you use your FinePix S6000fd / FinePix S6500fd 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").

⚠ WARNING

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.

Unplug from power socket.

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.

Do not use in the bathroom or shower.

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 disassemble.

⚠ WARNING

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.

⚠ WARNING

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 xD-Picture Cards out of the reach of small children.
Because **xD-Picture Card**s are small, they can be swallowed by children. Be sure to store **xD-Picture Card**s out of the reach of small children. If a child swallows an **xD-Picture Card**, seek medical attention or call an emergency number.

⚠ CAUTION

Do not use this camera in locations affected by oil fumes, steam, humidity or dust.
This can cause a fire or electric shock.

Do not leave this 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.

⚠ CAUTION

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 testing and cleaning 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.