This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix S100FS correctly. Please follow the instructions carefully.
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 (separate note “Notes and Cautions”) and make sure you understand them before using the camera.
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    This Agreement shall be governed by and construed in accordance with laws of Japan.
EC Declaration of Conformity

We
Name: FUJI FILM Electronic Imaging Europe GmbH
Address: Benzstrasse 2
47533 Kleve, Germany

declare that the product
Product Name: FUJIFILM DIGITAL CAMERA FinePix S100FS
Manufacturer’s Name: FUJIFILM Corporation
Manufacturer’s Address: 7-3, AKASAKA 9-CHOME, MINATO-KU,
TOKYO 107-0052, JAPAN

conforms to the following Standards:
- Safety: EN60065: 2002 + A1
  EN61000-3-2: 2000 + A2: 2005


Kleve, Germany
December 1, 2007
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.
Self-Timer ........................................................ 79
  Setting self-timer ........................................... 79
  Taking pictures using self-timer ................... 79
Taking pictures continuously .......................... 81
  [TOP 7 (RAW 3)] continuous shooting ............ 82
  [TOP50] (approx. 7 frames/sec.) ............... 82
  [DYNAMIC RANGE BKT] ................................. 82
  [AE BKT] .................................................. 83
Using [SHOOTING MENU] .................................. 85
  Setting the [SHOOTING MENU] ................. 85
  List of [SHOOTING MENU] options .......... 86
[SHOOTING MENU] ........................................ 88
  Setting the Film Simulation
    ([FILM SIMULATION]) ............................... 88
  Setting the Dynamic Range
    ([DYNAMIC RANGE]) ............................... 88
  Changing the quality setting
    ([QUALITY]) ........................................... 89
  Setting Color ([COLOR]) ......................... 90
  Setting Contrast ([TONE]) ........................ 90
  Adjust the image outline (hard/soft)
    ([SHARPNESS]) ..................................... 91
  Adjusting color balance
    ([WHITE BALANCE]) .............................. 91
  White Balance Fine Tune
    ([WB FINE TUNE]) ............................... 93
  Shoot the same image with different exposure
    ([AE BKT EV STEPS]) ............................ 93
  Adjust the amount of light emitted by the flash
    ([FLASH] (Brightness Adjustment)) .... 94
  Setting Color ([COLOR]) ......................... 90
  Setting Contrast ([TONE]) ........................ 90
  Adjust the image outline (hard/soft)
    ([SHARPNESS]) ..................................... 91
  Adjusting color balance
    ([WHITE BALANCE]) .............................. 91
  White Balance Fine Tune
    ([WB FINE TUNE]) ............................... 93
  Shoot the same image with different exposure
    ([AE BKT EV STEPS]) ............................ 93
  Adjust the amount of light emitted by the flash
    ([FLASH] (Brightness Adjustment)) .... 94

Using External Flash
  ([EXTERNAL FLASH]) ............................... 95
Specifying the focusing area
  ([AF MODE]) ........................................ 97
Focusing the shot quickly
  ([HIGH-SPEED SHOOTING]) ..................... 99
Saving your favorite settings
  ([CUSTOM SET]) .................................... 99

Advanced Features — Playback

Playback Information ...................................... 100
Using [PLAYBACK MENU] ................................ 101
  Setting the [PLAYBACK MENU] ............... 101
  List of [PLAYBACK MENU] option .......... 101
[PLAYBACK MENU] ......................................... 102
  Setting automatic playback
    ([SLIDE SHOW]) ............................... 102
  Correcting red-eye effect in images
    ([RED EYE REMOVAL]) ......................... 102
  Rotating the images
    ([IMAGE ROTATE]) .............................. 103
  Protecting the images
    ([PROTECT]) ................................. 104
  Copying the images
    ([COPY]) ........................................ 106
  Adding voice memos to the images
    ([VOICE MEMO]) ............................... 107
  Trimming the images
    ([TRIMMING]) ............................... 110
  DPOF set frame
    ([PRINT ORDER (DPOF)]) ............. 112

Continued ➤
Contents

Advanced Features — Movie
- Recording Movies ........................................ 116
  Changing movie size........................................ 118
- Playing Back Movies ...................................... 119

Settings
- [SET-UP]..................................................... 121
  Using the [SET-UP] menu................................. 121
  [SET-UP] menu option..................................... 122

Camera Connection
- Connecting to a TV ....................................... 132
- Using the AC power adapter
  (sold separately) ......................................... 133
- Connecting Camera Directly to Printer —
  PictBridge Function ..................................... 134

Software Installation
- Installation on a Windows PC .......................... 138
- Installation on a Mac OS X .............................. 140
- Connecting to a PC ....................................... 143
  Using FinePixViewer.................................... 146

Appendices
- System Expansion Option.............................. 147
- Accessories Guide ...................................... 148
- Using Your Camera Correctly ......................... 150
- Notes on the xD-Picture Card™, the SD Memory Card and the Internal Memory .......................... 151
- Warning Displays ....................................... 152

Troubleshooting
- Troubleshooting............................................ 157

Specifications ............................................. 163
- Explanation of Terms ................................... 170
- FUJIFILM Digital Camera Worldwide Network ....... 172

Usable Memory Cards
You can use the xD-Picture Card, the SD Memory Card and the SDHC Memory Card with the FinePix S100FS. In this Owner’s Manual, these cards are expressed as “Memory Card” and “SD Memory Card”.
About this Manual

■ About marks

❗ **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.

■ Usable Memory Cards
You can use the **xD-Picture Card**, the **SD Memory Card** and the **SDHC Memory Card** with the FinePix S100FS. In this Owner’s Manual, these cards are expressed as “Memory Card” and “SD Memory Card”.

■ 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 ►.

![Diagram of 4-direction button]

- When pressing ►:
- When pressing DISP/BACK:

■ Command dial
You can select frames (files) or menus more easily by rotating the command dial instead of ▲▼◄►. This manual is explained with ▲▼◄►.

■ Note
In this manual, the menu names or messages displayed in the LCD monitor appear in square brackets([ ]).
Accessories Included

- Rechargeable battery NP-140 (1)
- Battery charger BC-140 (1)
- Shoulder strap (1)
- Lens cap (1)
- Lens cap holder (1)
- Lens hood (1)
- A/V cable (1)
- USB cable (1)
- CD-ROM (1)
  Software for FinePix
- Owner’s Manual (this manual) (1)
- Notes and Cautions (1)
Camera Parts and Features

- Refer to the pages in parentheses for information on using the camera parts or features.

1. Mode dial
2. Strap mount (p.15)
3. Power switch (p.24)
4. Shutter button
5. ISO (ISO sensitivity) button (p.73)
6.  (Exposure compensation) button (p.66, 100)
7. Command dial
8. Microphone

Continued ➔
Camera Parts and Features

1. AF-assist illuminator (p.42)/Self-timer lamp (p.80)
2. DC IN 8V (power input) socket (p.133)
3. A/V OUT (Audio/Visual output) socket (p.132)
4. USB socket
5. Flash (p.32, 76)
6. Hot shoe (p.95)
7. (Flash pop-up) button (p.29, 76)
8. (Continuous shooting) button (p.81)
9. Dual IS button (p.39)
10. Terminal cover
11. Focus mode selector switch (p.32, 70, 71)
12. (One-touch AF) button (p.71)
13. Speaker
Viewfinder (EVF)
EVF/LCD (monitor selector) button (p.33)
LCD monitor
DISP (Display)/BACK button (p.43, 44)
Tripod mount
Battery cover (p.19)
AE-L (AE lock) button (p.69)
Photometry selector dial (p.68)
(Playback) button (p.44)
Indicator lamp (p.36)
Intelligent Face Detection (p.37, 48)/Red-eye removal button (p.37)
(4-direction) button
MENU/OK button
Slot cover (p.21)
Memory Card slot (p.21)
FinePix S100FS has internal memory that can store images without Memory Card. \(\text{IN}\) appears on the screen when the internal memory is active.
Attaching the Strap, Lens Cap and Lens Hood

Attaching the strap and lens cap

1 After securing the strap through the lens cap holder, 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.

3 Attach the lens cap.

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

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

1 **Align the indicators on the camera and lens hood, and fit the lens hood to the lens.**

2 **Turn the lens hood clockwise until it clicks.**

---

**MEMO**

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

The battery is not fully charged at shipment and must be fully charged before being used.

Compatible battery
Rechargeable Battery NP-140 (1)

CAUTION
- The battery is not fully charged at shipment and must be fully charged before being used.
- Do not stick labels onto the battery as this could cause the battery to become jammed inside the camera.
- Any contact between the battery terminals could cause the battery to short circuit and overheat.
- See “Notes and Cautions” for information on the battery.
- Always use the Rechargeable Battery NP-140 (included). The use of other brands of rechargeable battery could cause faults or damage to the camera.
- Do not split or peel outer labels of the battery.

1 Load the battery in to the battery charger BC-140.
Set the battery correctly as indicated by the polarity icon.

2 Connect the battery charger and connecting cable and plug the connecting cable into the power outlet.

3 The charging indicator blinks orange and charging begins.
When charging is completed, the indicator lights orange.
Charging completes after 130 minutes.

Continued ➤
Charging the Battery

**<Charging Indicator and Statuses>**

<table>
<thead>
<tr>
<th>Charging Indicator</th>
<th>Status</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>Battery not loaded</td>
<td>Load the battery to be charged.</td>
</tr>
<tr>
<td></td>
<td>Battery fault during charging</td>
<td>Unplug the battery charger and remove the battery from the battery charger.</td>
</tr>
<tr>
<td>Lit orange</td>
<td>Fully charged (charging complete)</td>
<td>Remove the battery from the battery charger.</td>
</tr>
<tr>
<td>Blinking orange</td>
<td>Charging</td>
<td>—</td>
</tr>
</tbody>
</table>

⚠️ **CAUTION**

- Unplug the battery charger from the power outlet when it is not in use.
- If the terminals of battery are soiled, it may not be possible to charge it. Clean the battery terminals and battery charger terminals with a clean, dry cloth.
- Charging times increase at low temperatures.
- The NP-140 gradually loses its charge even when not used. Charge a NP-140 just before taking pictures (in the last day or two).

### Checking the battery charge

Turn the camera on and check the battery level indicator on the LCD monitor.

1. There is ample battery charge. (Lit white)
2. The battery is almost half charged. (Lit white)
3. There is insufficient charge left in the battery. The battery will soon run out. Have a charged battery ready. (Lit red)
4. The battery is depleted. The display will shortly go blank and the camera will stop working. Replace or recharge the battery. (Blinking red)

⚠️ **CAUTION**

- Due to the nature of the battery, the battery level indicator (🔋🔋🔋🔋, 💪💪💪💪, or 💪💪💪💪) may appear early when the camera is used in cold locations. Try warming the battery in your pocket or a similar location before use.
- Battery with no remaining charge (🔋🔋🔋🔋 blinking red) may cause camera faults. Always load a fully charged battery.
- Depending on the camera mode, the transition from 🔋🔋🔋🔋 to 💪💪💪💪💪 may occur more quickly.
Loading the Battery

Battery is required to operate the digital camera. At first, load the battery in 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 Memory Card or ruin the image files on the Memory Card.
  - Do not apply force to the battery cover.

2 Load the battery as shown below.

- **CAUTION**
  Load the battery in the correct direction.

3 Close the battery cover.

- **CHECK**
  Make sure to close the battery cover securely until you hear a click.

*Continued*
Removing the battery

Open the battery cover, and unlock the battery release catch with your finger.

⚠️ CAUTION

Make sure the camera is turned off before removing the battery.

✉️ MEMO

If you want to use the camera powered by AC, the AC power adapter, AC-84V (sold separately) is necessary. Refer to the manual provided with the AC-84V for instructions.
Loading the Memory Card

Although you can store pictures in the camera’s internal memory, you can store many more images on the Memory Card (sold separately). You can use the xD-Picture Card and the SD Memory Card with the FinePix S100FS. In this Owner’s Manual, these cards are expressed as “Memory Card”.

SD Memory Cards/SDHC Memory Cards
They are operation-checked at FUJIFILM Corporation. Manufacturer: SanDisk

MEMO
- Compatible models will be updated in our website: http://www.fujifilm.com/products/digital_cameras/index.html
- Depending on the SD Memory Card, recording of movies may be interrupted. Use of above mentioned SD Memory Cards are recommended.
- The camera is not compatible with multimedia cards.

1 Open the slot cover.

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

2 Insert a Memory Card.

(xD-Picture Card)

Align the gold marking with the gold contact area, then insert an xD-Picture Card completely.

(SD Memory Card)

Align the gold marking with the gold contact area, then insert an SD Memory Card completely.

Continued ➤
CAUTION
Be sure to unlock the protection of the SD Memory Card before inserting it. If it is locked, recording/deleting images, as well as formatting are not available. To unlock the protection, slide the switch back, and the SD Memory Card will work normally.

CAUTION
- A new SD Memory Card or a card previously used on a PC or any device other than the camera should be formatted (→p.129) on the camera before use.
- Do not use a miniSD adaptor or a microSD adaptor which have exposed contact areas on the back. Use of these adaptors may cause a malfunction or damage due to the improper contacts.
A miniSD adaptor or microSD adaptor bigger than SD Memory Card standard size may become stuck. Pulling out forcefully may cause a malfunction. In that case, contact your FUJIFILM dealer.

3 Close the slot cover.

How to replace the Memory Card

Push the Memory Card into the slot and then slowly remove your finger. The lock is released and the Memory Card is pushed out.
CAUTION

- When storing Memory Cards, make sure that they are kept out of the reach of children. A Memory Card could be swallowed and cause suffocation. If a child swallows a Memory Card, seek medical attention or call emergency number right away.
- If the Memory Cards is oriented incorrectly, it will not go all the way into the slot. Do not apply force when inserting a Memory Card.
- Note that the Memory Cards 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 and operation-checked SD Memory Card (→p.21).
- See p.151 for information on the xD-Picture Card, SD Memory 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.168 for information on the standard number of available frames.

About internal memory

FinePix S100FS has internal memory that can store images without Memory Card. "I" appears on the screen when internal memory is active.

When a Memory Card (sold separately) is inserted
Record images: Record images to a Memory Card.
Playback images: Playback images in a Memory Card.

When a Memory 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 a Memory Card (→p.106).
Turning On and Off

Turning the camera on

Set the Power switch to ON to turn the camera on in Shooting mode.
Set the Power switch to OFF to turn the camera off.

MEMO Switching between Shooting and Playback mode

Pressing  when the camera is in Shooting mode switches the camera to Playback mode. Pressing the shutter button switches the camera to Shooting mode.

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. Press  to select the language.
2. Press MENU/OK to confirm the setting.
2 Set the date and time.

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.

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. December 1, 2008
[YY.MM.DD]: [2008.12.1]
[MM/DD/YY]: [12/1/2008]
[DD.MM.YY]: [1.12.2008]
MEMO

[START MENU] screen also appears when the battery has been removed and the camera has been left for a long period. Once the AC power adapter has been connected or the battery has been installed for 10 hours or more, the camera settings will be retained for roughly 7 days 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.129). To turn the camera back on, set the Power switch to OFF, and then set to ON again. To play back images, press for about 1 second.
Correcting the Date and Time

1 Open the [SET-UP] menu.

   ① Press MENU/OK to open the menu.
   ② Press ▲ or ▼ to select [SET-UP].
   ③ Press ◀.

2 Display the [DATE/TIME] screen.

   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.

   ① Press MENU/OK to open the menu.

   ② Press ▲ or ▼ to select [SET-UP].

   ③ Press ►.

2 Display the [言語/LANG.] screen.

   ① Press ◀ or ▶ to select 2.

   ② Press ▼ to move to menu item.

   ③ Press ▲ or ▼ to select [言語/LANG.].

   ④ Press ►.

**Basic Operation Guide**

### Shutter button (p.34)
Press this button halfway to adjust the focus and brightness. Press fully to take a picture.

### Power switch (p.24)
Turns the camera on and off.

### Hot shoe (p.95)
Mount an external flash here.

### Flash pop-up button (p.76)
To use the built-in flash, press this button to pop-up the flash.

### Continuous shooting button (p.81)
Press this button together with the command dial to set the continuous shooting mode.

### One-touch AF button (p.71)
Focus the image once. This can only be used for manual focusing.

### Focus mode selector switch (p.32, 70, 71)
Changes among C-AF (Continuous AF), S-AF (Single AF) and MF (Manual focus).

### Dual IS button (p.39)
Reduces camera shake and blurring (of a moving subject) by using the optical image stabilizer function.
Command dial

Selects images or menus. Also, sets the sensitivity, exposure compensation, aperture and continuous shooting modes together with the “ISO,” “Exposure compensation” and “Continuous shooting” buttons.

Exposure compensation button (p.66)

Used with the command dial to select the exposure compensation value.

ISO (sensitivity) button (p.73)

Used with the command dial to select ISO setting.

Sync terminal (p.96)

Use this to connect flash units that require a sync cable.

Focus ring (p.71)

The camera focuses on the subject using Manual focus mode.

Mode dial (p.55)

Turn the mode dial to select shooting mode.

AUTO: Auto
FSB: Film simulation bracketing
SP1/SP2: Scene position
P: Programmed Auto
S: Shutter-priority Auto
A: Aperture-priority Auto
M: Manual
C1/C2: Custom mode
: Movies

Zoom ring (p.42)

Turn the zoom ring to take pictures with zoom function.
Getting Ready

**Diopter adjustment control (p.33)**

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

**AE-L (AE lock) button (p.69)**

The exposure is fixed.

**Photometry selector dial (p.68)**

Selecting light metering method.

**EVF/LCD (monitor selector) button (p.33)**

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

**Intelligent Face Detection/Red-eye removal button (p.37)**

Take a picture by focusing on people’s face. Also, red-eye effect, caused by the light of the flash reflecting off the inside of the eye, can be corrected before an image is recorded.

**DISP (display)/ BACK button (p.43)**

DISP: Press this button to select the screen display. BACK: Press this button to stop a procedure midway through.

**playback button**

Switches Shooting mode to Playback mode.

**MENU/OK button**

Press this button to display the [SHOOTING MENU] or [PLAYBACK MENU], or to confirm the settings.

**button**

At shooting: ▲: Digital zoom ◄: Macro ◄: Flash ◄: Self-timer

At playback: selecting images or skip playback of movies.
Taking Pictures (AUTO AUTO Mode)

This section describes the basic operations.

1 Turn the camera on.
   ① Set the Power switch to ON.
   ② Set the Mode dial to AUTO.
   ③ Set the Focus mode selector switch to “S-AF.”
   ④ Set the Photometry selector dial to [⊙] Multi (Pattern).

CHECK
- Focal range
  Wide-angle: approx. 50 cm (1.6 ft.) to infinity
  Telephoto: approx. 2.5 m (8.2 ft.) to infinity
- Select φ Macro mode to take close-up shots (→p.75).

2 Press the Flash pop-up button to pop-up the flash.
3 Switch the display.
Press EVF/LCD to alternate the display between the viewfinder (EVF) and the LCD monitor. When the AF frame in the viewfinder (EVF) is difficult to see, adjust the viewfinder using the Diopter adjustment dial.

MEMO
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.

Continued ➤
Taking Pictures (AUTO AUTO Mode)

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

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

- **MEMO**
  - 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.

5 Press the shutter button fully.

- **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.40).
  - When pressing the shutter button down fully in one motion, the camera takes the picture without the AF frame changing.
Flash

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

If you want to change the setting, see p.76 for information on flash.

**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.152-156 for information on warning displays. See “Troubleshooting” (→p.157-162) for more information.

**Using LCD monitor when taking pictures**

The angle of the LCD monitor is flexible. It is useful to shoot a subject in a high or low location.

Angles are flexible within the range of dotted lines.

**Compatible filters**

67 mm (2.6 in)-diameter thin type polarizing filter can be attached. Be sure to use thin type filters as standard filters may cause vignetting.

1. Remove the lens hood and attach the polarizing filter by rotating.

2. Slide the polarizing filter window cover on the lens hood to remove, and attach the lens hood to the lens (→p.16).

Continued →
Taking Pictures (AUTO AUTO Mode)

3 You can adjust the polarizing filter with your finger through the polarizing filter window when taking pictures.

Support for remote release
Use remote release RR-80 (sold separately) with this camera. To prevent camera shake, use a tripod (sold separately) and remote release RR-80.

Connect to USB socket.

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

<table>
<thead>
<tr>
<th>Display</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lit green</td>
<td>Locking the focus</td>
</tr>
<tr>
<td>Blinking green</td>
<td>Camera shake warning, AF warning, or AE warning (ready to shoot)</td>
</tr>
<tr>
<td>Blinking green and orange alternately</td>
<td>Recording to Memory Card or internal memory (ready to shoot)</td>
</tr>
<tr>
<td>Lit orange</td>
<td>Recording to Memory Card or internal memory (not ready)</td>
</tr>
<tr>
<td>Blinking orange</td>
<td>Charging flash (flash will not fire)</td>
</tr>
<tr>
<td>Blinking red</td>
<td>• Warnings for Memory Card and internal memory</td>
</tr>
<tr>
<td></td>
<td>• Card not formatted, incorrect format, memory full, Memory Card or internal memory error</td>
</tr>
<tr>
<td></td>
<td>• Lens operation error</td>
</tr>
</tbody>
</table>

MEMO
Detailed warning messages appear on the screen (→p.152-156).
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 Shooting modes: AUTO, FSB, SP2 (BABY, ), , , , , , , , , , , , , P, S, A, M

Available AF modes: All except MF (Manual focus)

1 Set Intelligent Face Detection.
Press . Intelligent Face Detection setting changes each time you press .

CAUTION
- If the camera is unable to detect faces in an image, it will not correct the red eye-effect sufficiently, or not at all. Also, the camera cannot correct the red-eye effect if the face is in profile.
- Correction results may differ depending on the scene.
- The processing may take more time if there are many faces in an image.
- When [ CCD-RAW] is set to [ON] in the [SET-UP] menu, the red eye correction function is invalid.

2 Check the composition on the LCD monitor.

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.

3 Press the shutter button down fully to take pictures.

Continued ➔
CHECK

When a picture is taken with [FACE DETECTION 
REMOVAL ON] set, the red-eye effect will be detected and corrected before the image is recorded. When taken with [FACE DETECTION 
REMOVAL OFF] set, the image is recorded without red-eye correction.

Red-eye effect in an image will be detected after the shooting.

Red-eye effect will be corrected before the image is recorded. When the red-eye effect is not detected, processing will end without the [REMOVING] screen displayed.

Subjects not suitable for Intelligent Face Detection
Intelligent Face Detection automatically focuses on a face(s). 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.

Use AF/AE lock (p.40) to guarantee best result when shooting a subject that is not suited for Intelligent Face Detection.

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.40).
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.
Using the Dual Image Stabilizer function when taking pictures

You can reduce camera shake by using the Dual Image Stabilizer function, which activates the optical image stabilizer.

MEMO

When AUTO is selected for Shooting mode, both camera shake and blurring of moving subjects can be reduced.

Available Shooting modes: All

1. Press  to activate Dual IS (image stabilization) mode. Press  again to set [DUAL IS MODE] to OFF.

CAUTION

Camera shake and blurring may remain depending on scenes.

CHECK


2. Press the shutter button down fully to take pictures.

ISO AUTO(1600)

 or  will be displayed when [DUAL IS MODE] is activated.
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.41).

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

MEMO

- AF/AE lock can be applied repeatedly before the shutter is released.
- On FinePix S100FS, pressing the shutter button down halfway locks the focus and exposure settings (AF and AE lock).

Subjects not suitable for autofocus
FinePix S100FS uses a high-precision autofocus mechanism. However, it may have difficulty focusing on the following:

- 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.40) or “MF” Manual focus mode (→ p.71).
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 (white) while focusing on your subject.

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 5.5 m (18.0 ft.) with wide-angle and around 2.5 m (8.2 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.121, 122 for information on turning the AF-assist illuminator off.
- AF-assist illuminator does not fire in 1, 2S, 3V, 4, 5, 6, or 7 mode.

Using zoom function

Turn the zoom ring to take pictures with zoom function. The zoom bar appears on the screen while the zoom ring is being used.

CHECK

Optical zoom focal length (35 mm camera equivalent)
Approx. 28 mm to 400 mm Max. zoom scale: 14.3×

Press 4 (▲) digital zoom button (→p.31) to change to Digital zoom mode (2×).

CHECK

When using digital zoom, 4 appears in the bottom left corner of the screen and the zoom bar color changes.
Press \( \textcircled{\downarrow} \) again to cancel the digital zoom.

**Adjusting the shot composition**

**Selecting the screen display**

Press DISP/BACK to change the screen display.

**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.
Viewing the Images

Play back 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

Press \[\text{\(\text{w}\)}\] during Shooting mode to change to Playback mode.

MEMO

- Press \[\text{\(\text{w}\)}\] to play back the last shot.
- [\(\text{\(\text{w}\)}\) AUTOROTATE PB] in the [SET-UP] menu is set to [ON] at the factory setting (**p.128**). Images shot by holding a camera vertically are displayed in the correct position automatically.
- When playing back images shot with a camera other than FinePix S100FS, 

CAUTION Still images viewable on FinePix S100FS

This camera will display still images recorded on FinePix S100FS or still images (excluding some uncompressed images) recorded on any FUJIFILM digital camera that supports \textbf{xD-Picture Cards} or SD Memory Cards. Clear playback or playback zooming may not be possible for still images shot on cameras other than FinePix S100FS.

Selecting the screen display

Press DISP/BACK during Playback mode to change the screen display.
Using the Camera

Single-frame playback

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

MEMO
Images can be selected by rotating the command dial instead of ◀ or ▶.

Selecting images quickly
To select images quickly, hold down ◀ or ▶ for 1 second during playback. When releasing ◀ or ▶, camera returns to single-frame playback.
Zoom bars

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

**MEMO**

Press DISP/BACK to cancel playback zoom.

### Zoom scales

<table>
<thead>
<tr>
<th>Quality mode</th>
<th>Max. zoom scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>11M (3840 x 2880 pixels)</td>
<td>Approx. 6x</td>
</tr>
<tr>
<td>3:2 (4032 x 2688 pixels)</td>
<td>Approx. 6.3x</td>
</tr>
<tr>
<td>6M (2816 x 2112 pixels)</td>
<td>Approx. 4.4x</td>
</tr>
<tr>
<td>3M (2048 x 1536 pixels)</td>
<td>Approx. 3.2x</td>
</tr>
<tr>
<td>2M (1600 x 1200 pixels)</td>
<td>Approx. 2.5x</td>
</tr>
</tbody>
</table>

*Zoom cannot be performed when the images recorded by 11M are played back.*
**Multi-frame playback**

Use this function to display 2 frames, 9 frames or 100 frames (Micro Thumbnail). You can compare and select images using the Multi-frame display.

**2 frames playback/9 frames playback/100 frames playback (Micro thumbnails playback)**

1. Press ▲, ▼, ◄ or ► to change the colored frame and select an image. 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.
Viewing the Images

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 ►.

Using Intelligent Face Detection when playing back pictures

For images shot using the Intelligent Face Detection function ( is displayed), the face mark in the image changes each time you press the Intelligent Face Detection button. Press ▲ or ▼ to enlarge the image. Press ◄ or ► for the image scrolling screen, and press ▲, ▼, ◄ or ► to scroll the image.

⚠️ CAUTION
The images recorded by cannot be enlarged.

MEMO
Press DISP/BACK to return to normal playback.
Erasing the Images/Movies

Use this mode to erase unnecessary images or movies to have ample free space on the Memory Card or internal memory.

Using the (AE-L) button

Pressing (AE-L) erases images easily.

1. Press ← or → to select the erasing image.


3. Press ← or → to select [OK].

4. Press MENU/OK to erase the displayed image.

Erasing the images using [PLAYBACK MENU]

1. Press MENU/OK to open [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.

Continued ➔
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])

1. Press ◀ or ▶ to select [OK].
2. 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.
MEMO

- When using a Memory Card, the images in the Memory Card are erased. When not using a Memory Card, the images in the internal memory are erased.
- Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (→ p.104).
- [DPOF SPECIFIED. ERASE OK?] or [DPOF SPECIFIED. ERASE ALL OK?] appears, when erasing DPOF specified files is attempted.

CAUTION

Erased frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.
Automatic Adjustment of Shooting Condition

Certain shooting conditions may restrict what settings you can make on this camera. For example, [DYNAMIC RANGE], [COLOR], [TONE] or [SHARPNESS] cannot be set with modes other than [PROVIA] in [FILM SIMULATION] of [SHOOTING MENU]. When selecting other modes such as [Velvia] or [SOFT] after setting [DYNAMIC RANGE], [COLOR], [TONE] or [SHARPNESS] with [PROVIA] mode, [DYNAMIC RANGE] is set automatically to [AUTO], and [COLOR], [TONE] and [SHARPNESS] are set automatically to [MID] or [STD].

In those cases, the following screen shows that the setting has been changed.
Using the Shooting Functions — Procedure of Setting

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

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

2 Specify the Shooting settings.
   Pressing buttons or selecting menu allows you to specify shooting functions. You can obtain the best result for shooting.

   **CAUTION**
   When the camera has 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.

<table>
<thead>
<tr>
<th>Shooting mode</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO Auto</td>
<td>55</td>
</tr>
<tr>
<td>FS Film simulation bracketing</td>
<td>55</td>
</tr>
<tr>
<td>SP1, SP2 Scene position</td>
<td>56</td>
</tr>
<tr>
<td>P Program AE</td>
<td>59</td>
</tr>
<tr>
<td>S Shutter-priority AE</td>
<td>60</td>
</tr>
<tr>
<td>A Aperture-priority AE</td>
<td>62</td>
</tr>
<tr>
<td>M Manual</td>
<td>63</td>
</tr>
<tr>
<td>C C Custom</td>
<td>65</td>
</tr>
<tr>
<td>Movie</td>
<td>116</td>
</tr>
</tbody>
</table>

**Specifying functions using buttons**

<table>
<thead>
<tr>
<th>Function</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO (sensitivity)</td>
<td>73</td>
</tr>
<tr>
<td>Exposure compensation</td>
<td>66</td>
</tr>
<tr>
<td>AE-L (lock)</td>
<td>69</td>
</tr>
<tr>
<td>Photometry</td>
<td>68</td>
</tr>
<tr>
<td>Intelligent Face Detection/Red-eye removal</td>
<td>37</td>
</tr>
<tr>
<td>Macro</td>
<td>75</td>
</tr>
<tr>
<td>Flash</td>
<td>76</td>
</tr>
<tr>
<td>Self-timer</td>
<td>79</td>
</tr>
<tr>
<td>Continuous shooting</td>
<td>81</td>
</tr>
<tr>
<td>Dual IS mode</td>
<td>39</td>
</tr>
<tr>
<td>Focus mode selector switch</td>
<td>32, 70, 71</td>
</tr>
</tbody>
</table>

Continued ➔
Using the Shooting Functions — Procedure of Setting

Functions to set differ depending on the shooting mode setting.

<table>
<thead>
<tr>
<th>[SHOOTING MENU]</th>
<th>[AUTO]</th>
<th>SP1</th>
<th>SP2</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>[SCENE POSITION]</td>
<td></td>
<td>✓</td>
<td></td>
<td>56</td>
</tr>
<tr>
<td>[FILM SIMULATION]</td>
<td></td>
<td></td>
<td>✓</td>
<td>88</td>
</tr>
<tr>
<td>[DYNAMIC RANGE]</td>
<td></td>
<td></td>
<td>✓</td>
<td>88</td>
</tr>
<tr>
<td>[QUALITY]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>89</td>
</tr>
<tr>
<td>[COLOR]</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>90</td>
</tr>
<tr>
<td>[TONE]</td>
<td>✓</td>
<td></td>
<td></td>
<td>90</td>
</tr>
<tr>
<td>[SHARPNESS]</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>91</td>
</tr>
<tr>
<td>[WHITE BALANCE]</td>
<td>✓</td>
<td></td>
<td></td>
<td>91</td>
</tr>
<tr>
<td>[WB FINE TUNE]</td>
<td>✓</td>
<td></td>
<td></td>
<td>93</td>
</tr>
<tr>
<td>[AE BKT EV STEPS]</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>93</td>
</tr>
<tr>
<td>[FLASH]</td>
<td>✓</td>
<td></td>
<td></td>
<td>94</td>
</tr>
<tr>
<td>[EXTERNAL FLASH]</td>
<td>✓</td>
<td></td>
<td></td>
<td>95</td>
</tr>
<tr>
<td>[AF MODE]</td>
<td>✓</td>
<td></td>
<td></td>
<td>97</td>
</tr>
<tr>
<td>[HIGH-SPEED SHOOTING]</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>99</td>
</tr>
<tr>
<td>[CUSTOM SET]</td>
<td>✓</td>
<td></td>
<td></td>
<td>99</td>
</tr>
</tbody>
</table>
Setting Shooting Mode

You can select the most suitable setting according to the subject by selecting one of 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 [QUALITY] and [HIGH-SPEED SHOOTING] automatically.

Set the Mode dial to AUTO.

**CHECK**

- See p.77-78 for information on the available flash modes.
- [ISO] (sensitivity) setting can be selected from [AUTO(400)], [AUTO(800)], [AUTO(1600)] (→p.74).

**FSB** FSB (film simulation bracketing)

Use this mode to shoot the same image continuously in different color or tone. 3 types of film ([PROVIA], [Velvia], [SOFT]) are available. For details on film characteristics, see p.88.

Set the Mode dial to FSB.

**CHECK**

See p.77-78 for information on the available flash modes.

**CAUTION**

- Bracket shooting will not be performed, even if the shutter button is pressed when [CCD-RAW] is set to [ON] in the [SET-UP] menu. Shooting mode will be set to P (factory default setting), and only 1 frame will be shot.
- When the settings of [DYNAMIC RANGE], [COLOR], [TONE] and [SHARPNESS] in the shooting menu are changed, bracket shooting cannot be performed. Turn the power switch to OFF and then back ON to perform bracket shooting.
- When the power switch is turned OFF and then back ON, the camera is set to the factory default setting, except focus mode, photometry mode and EVF/LCD selector functions (→p.86-87).
Setting Shooting Mode

**SP1, SP2 SCENE POSITION**

This mode provides the best Scene position setting for the scene being shot. Choose from 14 types of scene.

Select the Scene position setting in the [SCENE POSITION] menu.

Set the Mode dial to SP1 or SP2.

---

**About SP1 and SP2 of the Mode Dial**

The Scene position for SP1 and SP2 are different. 4 scenes are available for SP1 to take nature photos. Use SP1 or SP2 according to the shooting subject.

---

**MEMO**

- SP1 and SP2 are set to \( \mathbf{\Delta V} \) and \( \mathbf{\Delta} \) as factory default settings.
- See p.77-78 for information on the available flash modes.
- AF-assist illuminator does not fire in \( \mathbf{\Delta} \), \( \mathbf{\Delta S} \), \( \mathbf{\Delta V} \), \( \mathbf{\ast} \), \( \mathbf{\gamma} \), and \( \mathbf{\Theta} \) modes.
- Only [AUTO] can be selected for the [\( \mathbf{\Pi} \) ISO] (sensitivity) setting.

---

**Selecting Scene position setting**

1. Press MENU/OK to open the menu.
2. Press \( \mathbf{\Delta} \) or \( \mathbf{\nabla} \) to select [\( \mathbf{\Delta} \) SCENE POSITION].
3. Press \( \mathbf{\triangleright} \).
4. Press \( \mathbf{\Delta} \) or \( \mathbf{\nabla} \) to select the setting.
5. Press MENU/OK to confirm the setting.
## Scene position list

<table>
<thead>
<tr>
<th>Scene position</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>[▲ NATURE]</td>
<td>Use this mode for shooting scenery in standard colors and tones.</td>
</tr>
<tr>
<td>[▲S NATURE SOFT]</td>
<td>Use this mode for shooting scenery in soft tone.</td>
</tr>
<tr>
<td>[▲V NATURE VIVID]</td>
<td>Use this mode for shooting scenery or nature in high brightness and sharp tone.</td>
</tr>
<tr>
<td>[※ FLOWER]</td>
<td>Use this mode to take close-up shots of flowers in rich and vivid tone.</td>
</tr>
<tr>
<td></td>
<td>Focal range: Wide-angle: Approx. 10 cm to 3.0 m (3.9 in. to 9.8 ft.) /</td>
</tr>
<tr>
<td></td>
<td>Telephoto: Approx. 90 cm to 3.0 m (3.0 ft. to 9.8 ft.)</td>
</tr>
<tr>
<td>[♣ PORTRAIT]</td>
<td>Use this mode for photography to reproduce natural skin tones.</td>
</tr>
<tr>
<td>[♣S PORTRAIT SOFT]</td>
<td>Use this mode for shooting portrait outdoors. This setting is effective for achieving both soft skin tones and clear blue sky.</td>
</tr>
<tr>
<td>[обыти BABY MODE]</td>
<td>Use this mode to turn off the flash to capture a baby’s skin in natural tone.</td>
</tr>
<tr>
<td></td>
<td>Setting the AF-assist illuminator to [OFF] is recommended.</td>
</tr>
<tr>
<td>[.setColumn]</td>
<td>Use this mode for soft skin tone.</td>
</tr>
<tr>
<td>[.setColumn]</td>
<td>Use this mode for shooting evening and night scenes. A picture is taken with a slow shutter of up to 1/4 seconds.</td>
</tr>
</tbody>
</table>

### MEMO

Image parameters for SP1 and SP2 are based on Film simulation settings. Shooting information is displayed in Playback mode. A Film simulation icon for scene positions will be displayed. Also, in [File/Folder Info] of software “FinePixViewer”, ▲, ▲S, ▲V, ♣, and ♣S are displayed as follows:

<table>
<thead>
<tr>
<th>Scene position</th>
<th>[File/Folder Info] of “FinePixViewer”</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Shooting Mode</td>
</tr>
<tr>
<td>[▲ NATURE]</td>
<td>[Landscape]</td>
</tr>
<tr>
<td>[▲S NATURE SOFT]</td>
<td>[Landscape]</td>
</tr>
<tr>
<td>[▲V NATURE VIVD]</td>
<td>[Landscape]</td>
</tr>
<tr>
<td>[♣ PORTRAIT]</td>
<td>[Portrait]</td>
</tr>
<tr>
<td>[♣S PORTRAIT SOFT]</td>
<td>[Portrait]</td>
</tr>
</tbody>
</table>
Setting Shooting Mode

<table>
<thead>
<tr>
<th>Scene position</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ 🌅 SUNSET]</td>
<td>Use this mode to shoot sunset, making the colors more vivid.</td>
</tr>
<tr>
<td>[ ⛄ SNOW]</td>
<td>Use this mode to prevent darkening images and provide crisp, clear shots, when shooting at snowy scene where the whole screen appears white.</td>
</tr>
<tr>
<td>[ 🌊 BEACH]</td>
<td>Use this mode to prevent darkening images and provide crisp, clear shots, when shooting at beach under strong sunlight.</td>
</tr>
<tr>
<td>[ 🏡 SPORT]</td>
<td>Use this mode to take pictures of a moving subject. It gives priority to faster shutter speeds. When setting [ 🏡 SPORT] mode, the camera sets to [ ⏰ HIGH-SPEED SHOOTING] mode (→p.99) automatically.</td>
</tr>
<tr>
<td>[ ⚡ FIREWORKS]</td>
<td>Use this mode to shoot fireworks. It is effective for taking more vivid shots of fireworks with a slow shutter. Shutter speed setting: 1/2 sec. to 4 sec. Refer to “Selecting the exposure time setting for [ ⚡ FIRE WORK]” (→p.59).</td>
</tr>
</tbody>
</table>

✔️ CHECK
Use a tripod to prevent camera shake for [ ⚡ NIGHT] and [ ⚡ FIREWORKS], as a slow shutter speed is used.
Selecting the exposure time setting for FIRE WORKS

Rotate the command dial to select the exposure time.

Program shift

Rotate the command dial to select different shutter speed and aperture setting combinations without changing the exposure setting.

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).

CHECK

- See p.54 for the available settings of Shooting mode.
- See p.77-78 for information on the available flash modes.
Setting Shooting Mode

MEMO

- Program shift can be used when Suppressed flash (→p.77) is set in flash mode.
- 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
  - Setting the camera to Playback mode
  - Turning the camera off
  - Popping the flash up

CAUTION

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 cannot be used when [DYNAMIC RANGE] is set to [AUTO], and [ISO] is set to [AUTO(400)], [AUTO(800)] or [AUTO(1600)].

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).

CHECK

- See p.54 for the available settings of Shooting mode.
- See p.77-78 for information on the available flash modes.

Setting the shutter speed

1. Rotate the command dial to select the shutter speed.
2. Press the shutter button to take pictures.

Shutter speed
CHECK
Shutter speed setting
4 sec. to 1/4000 sec. in 1/3 EV increments

CAUTION

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.

The aperture setting will not appear until you press the shutter button down halfway when [DYNAMIC RANGE] is set to [AUTO].

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.
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).

CHECK
- See p.54 for the available settings of Shooting mode.
- See p.77-78 for information on the available flash modes.

Setting the aperture

1. Rotate the command dial to select the aperture.
2. Press the shutter button to take pictures.

Aperture settings
Wide-angle: F2.8 to F8 in 1/3 EV increments
Telephoto: F5.3 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.

When the brightness of the subject is outside the camera’s brightness metering range, [----] appears as the shutter speed.

The shutter speed will not appear until you press the shutter button down halfway when [DYNAMIC RANGE] is set to [AUTO].
**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](image1.png)

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

![Open](image2.png)

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

**M Manual**

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

**CHECK**

- See p.54 for the available settings of Shooting mode.
- See p.77-78 for information on the available flash modes.

**Setting the shutter speed and aperture**

![Shutter speed](image3.png)

1. Rotate the command dial to select the shutter speed.

*Continued*
Setting Shooting Mode

☑ 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 1/1000 sec., smearing (white stripes) may appear in the image (→p.170).

这种方式摄影
Setting the shutter speed to “B” (Bulb) after setting a speed slower than 30 seconds allows bulb shots to be taken. In bulb photography, the shutter stays open for as long as the shutter button is held down (up to 30 seconds). Use a tripod or the remote release RR-80 (sold separately) to keep the camera steady.

☑ CHECK
Aperture settings
Wide-angle: F2.8 to F11 in 1/3 EV increments
Telephoto: F5.3 to F11 in 1/3 EV increments

MEMO
Explanation of Terms “EV” (→p.170).
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.

C1, C2 Custom

This is a mode to save your favorite shooting mode settings to C1 or C2 and shoot with the saved settings. This mode is not available when Shooting mode is set to AUTO, SP1 or SP2.

See p.99 about how to save settings.

Set the Mode dial to C1 or C2.

MEMO

- See p.54 for the available settings of Shooting mode.
- C1 and C2 are set to [TOP50 3M] and [DYNAMIC RANGE BKT] as factory default settings; however, when [CCD-RAW] is set to [ON] in the [SET-UP] menu, both settings are cleared.
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 Shooting modes:** F5B, P, S, A

**Adjusting exposure compensation**

Press F to display the exposure compensation setting screen.

![Exposure Compensation indicator]

**CAUTION**

This function can only be used for P, S or A in Shooting mode. However, this function can be used, when P, S or A is selected in C1 or C2.

1. Rotate the command dial to select the compensation value, while pressing F. Release F to set.

2. Press the shutter button to take pictures.

**CHECK**

- The symbol indicating the compensation direction (– or +) turns yellow.
- The F 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.
**CHECK**

- Compensation range: –2 EV to +2 EV (13 steps in 1/3 EV increments)
- Explanation of Terms “EV” (→ p.170)

**MEMO**

- This setting is retained when the mode is changed or the camera is turned off (哂 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 AUTO mode
  - Shooting dark scenes in  or  mode

---

**Guide to compensation**

- Backlit portraits: +2 steps to +4 steps (+2/3 EV to +1 1/3 EV)
- Very bright scenes (such as snowfields) and highly reflective subjects: +3 steps (+1 EV)
- Shots made up predominantly of sky: +3 steps (+1 EV)
- Spotlit subjects, particularly against dark backgrounds: –2 steps (–2/3 EV)
- Scenes with low reflectivity, such as shots of pine trees or dark foliage: –2 steps (–2/3 EV)
Adjusting Light Metering (Photometry)

Use this setting when the correct exposure cannot be obtained for the shooting conditions.

**Available Shooting modes:** All except AUTO, SP1, SP2

Turn the Photometry selector dial to select the light metering method.

[☉] Multi (Pattern): Light metering where the camera assesses the scene and selects the correct exposure.

[●] Spot: Light metering where the exposure is optimized for the center of the image.

[ ] Average: Light metering where an average value for the entire image is used.

---

**To use the photometry modes effectively**

- **MULTI:**
  In this mode, the camera uses automatic scene recognition to analyze the subject and provide optimum exposure in a wide range of shooting conditions.

- **SPOT:**
  This mode is useful for subjects with strongly contrasting light and dark areas where you want to achieve the correct exposure for a particular feature.

- **AVERAGE:**
  The advantage of this mode is that the exposure tends not to change for different compositions or subjects. This mode is particularly effective for shots of people wearing black or white clothing, and scenery.
Use this function to take pictures with the exposure locked for a particular subject.  
**Available Shooting modes:** All except  

![Diagram](image)

1. Position the subject in the center of the screen and press AE-L. The exposure is locked while you hold down AE-L.

2. Press the shutter button to take pictures, while pressing AE-L.

**CAUTION**

- AE lock can be canceled by zooming.
- Once you press the shutter button down halfway, the exposure remains locked even if you release AE-L.
- When AE lock is applied, pressing the shutter button down halfway only sets the focus.
- When using Intelligent Face Detection, the AE lock is invalid.

**CHECK**

AE lock is activated only when holding down AE-L at factory setting. You can set to unlock AE lock even if you release AE-L. Select [AE-LOCK MODE] in the [SET-UP] menu (→p.122)
Continuous AF

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

**Available Shooting modes:** All except 🌌

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.

Continuous AF can be used with 🌮 Intelligent Face Detection.

**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.
- When Continuous AF is set, 📢 AF MODE of Shooting mode is automatically set to [.CENTER].
Manual focus

Use manual focus to lock the focus for a shot.
Available Shooting modes: All except ⟨Movie⟩

1. Set the Focus mode selector switch to MF.

![Camera with Focus Mode Selector]

The MF appears on the screen.

CAUTION
- Manual focus cannot be used in the ⟨Movie⟩ mode.
- [AF MODE] (→p.97) in [SHOOTING MENU] cannot be set.

2. Press ◀◀ to focus on the subject in the focus frame.

![Focusing Indicator]

A focusing indicator mark appears on the screen, and changes according to the focusing status.

MEMO

Turn the focus ring until the white line of the focus indicator moves to the far right.

Close range
Long range

Continued ➔
Manual focus

■ Focusing indicator marks
The focus indicator mark changes by focusing status. Moving the indicator right shows the high level focusing.

<table>
<thead>
<tr>
<th></th>
<th>Shows the high level focusing.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Shows the low level focusing.</td>
</tr>
</tbody>
</table>

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.
Changing the sensitivity setting ([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.

**Available Shooting modes: All except** SP1, SP2

1. Press ISO to display the sensitivity setting screen.

![ISO screen]

2. Rotate the command dial to select the ISO sensitivity value, while pressing ISO. Release ISO to set.

![Command dial]

**CHECK**

- **Settings**
  - [100]/[200]/[400]/[800]/[1600]/[3200]/[6400]/[10000]/[AUTO]/[AUTO(400)]/[AUTO(800)]/[AUTO(1600)]

Selecting [AUTO]/[AUTO(1600)]/[AUTO(800)]/[AUTO(400)] as the sensitivity setting, the camera selects the best sensitivity setting for the subject's brightness.

The selected sensitivity setting appears on the LCD monitor when the sensitivity setting is set to another setting excluding [AUTO].

- **About [AUTO(1600)]/[AUTO(800)]/[AUTO(400)]**
  - [AUTO(1600)]/[AUTO(800)]/[AUTO(400)] can be selected when the Mode dial is set to AUTO, FSB, or P. For [AUTO(1600)]/[AUTO(800)]/[AUTO(400)], sensitivity is automatically set in the same way as for [AUTO], but the highest sensitivity is limited. Select [AUTO(1600)]/[AUTO(800)]/[AUTO(400)] depending on the scene.

**Continued ➤**
## Correlation of sensitivity, quality, Shooting modes and [SHOOTING MENU] options

The image size (number of recorded pixels) depends on the sensitivity setting. Also, available sensitivity differs depending on the Photography modes.

<table>
<thead>
<tr>
<th>S ISO</th>
<th>Quality</th>
<th>Shooting mode</th>
<th>Continuous shooting</th>
<th>Film Simulation</th>
<th>Dynamic Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>[100]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[200]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[400]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[800]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[1600]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[3200]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[6400]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[10000]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[AUTO]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[AUTO (400)]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[AUTO (800)]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>[AUTO (1600)]</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

### CAUTION

- Although higher sensitivity settings or wider dynamic range 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.
- If you set [S ISO] to [3200], [6400] or [10000], images will have less resolution than when setting [S ISO] to [1600] or less.
Macro/ Super Macro (Close-up)

Use this mode to take close-up shots.
Available Shooting modes: AUTO, FSB, , P, S, A, M

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

Use only widest-angle for Super Macro mode. ↓ appears when a focal range other than widest-angle is used. In this case, rotate the zoom ring according to ↓. When Super Macro is set, flash cannot be used.

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.)
  Focal length: fixed to approx. 28 mm (35 mm camera equivalent)
- Effective flash range (without lens hood)
  Wide-angle: Approx. 30 cm to 80 cm (11.8 in. to 2.7 ft.)
  Telephoto: Approx. 90 cm to 1.3 m (3.0 ft. to 4.3 ft.)
  When taking a picture using the flash for a wide angle shot, the camera lens might cast a shadow in the frame. In such case, increase the distance from the subject a little and zoom in.

MEMO
- Use a tripod to prevent camera shake in Macro mode.
- Any of the following cancels Macro mode:
  - Changing the Mode dial to , or mode
  - Turning the camera off
- If the flash is too bright, use flash brightness adjustment (P.94).
- Even if [MULTI] (p.97) 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.
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.77-78 for information on the available Shooting 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.

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

2. Select the flash mode setting.

#### 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
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.
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. Using \( \text{Red-eye reduction mode} \) synchronizes Red-eye reduction mode.

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 \( \text{Red-eye reduction mode} \) synchronizes Red-eye reduction mode. Using \( \text{Red-eye reduction mode} \) selects slow shutter speeds of up to 1/4 seconds.

\[ \text{CAUTION} \]

In bright scenes, overexposure may occur.

\[ \text{Suppressed flash} \]

Pressing the flash down changes the camera to Suppressed flash mode. 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.

### Available flash modes in Shooting modes
Available flash modes in each Shooting mode are listed below.

<table>
<thead>
<tr>
<th>Shooting mode</th>
<th>AUTO</th>
<th>( \text{S} )</th>
<th>( \text{SS} )</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>FSB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>( \text{S} )</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>( \text{V} )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>( \text{P} )</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>S</td>
<td>◐</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Continued ➤
Setting the Flash (Intelligent Flash)

When [尴尬 FACE DETECTION尴尬 REMOVAL ON] is set:

<table>
<thead>
<tr>
<th></th>
<th>AUTO</th>
<th>S</th>
<th>S[e]n</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>FSB</td>
<td>✓</td>
<td>✓</td>
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</tr>
<tr>
<td>⚠</td>
<td>✓</td>
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</tr>
<tr>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>⚠️</td>
<td>✓</td>
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<tr>
<td>☀</td>
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<tr>
<td>⚠️</td>
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<tr>
<td>P</td>
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<tr>
<td>S</td>
<td>✓</td>
<td></td>
<td></td>
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<tr>
<td>A</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

CHECK

Effective flash range (:auto [:AUTO])
Wide-angle: Approx. 60 cm to 7.2 m (2.0 ft. to 23.6 ft.)
Telephoto: Approx. 2.5 m to 3.8 m (8.2 ft. to 12.5 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 battery is 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.
The self-timer is used in situations where the photographer is included in the shot.

Available Shooting modes: All

Setting self-timer

The self-timer setting changes each time you press \( \bigcirc \) (\( \blacksquare \)).

The last displayed setting is the selected mode.

\( \bigcirc \): The picture is taken after 10 seconds.

\( \blacksquare \): The picture is taken after 2 seconds.

Taking pictures using self-timer

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

   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.

Continued ➔
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).

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 Mode dial
  - 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.

Taking pictures with the self-timer and Intelligent Face Detection function

Available Shooting modes: AUTO,  , SP2 ( , , , , , , , , , ), P, S, A, M

Intelligent Face Detection
The Intelligent Face Detection function is especially useful when using the self timer since it ensures that faces will appear in focus automatically. This is convenient when taking a self portrait.
Taking pictures continuously

Use this mode to take pictures of a moving subject.

1. Press to display the continuous shooting setting screen.

   ![Continuous Shooting Setting Screen]

2. Rotate the command dial to select the Continuous shooting mode, while pressing . Release to set your selection.

   ![Command Dial and Continuous Shooting Setting]

- **TOP 7 (RAW 3)**: Continuous shooting
- **TOP50 (RAW3)**: High speed continuous shooting
- **DYNAMIC RANGE BKT**: Dynamic range bracketing
- **FILM SIMULATION BKT**: Film simulation bracketing
- **AE BKT**: AE bracketing
- **LAST 7 (RAW 3)**: Cycle continuous shooting
- **LONG PERIOD**: Long period continuous shooting

---

**CAUTION**

- Shooting continues as long as holding the shutter button down. In [DYNAMIC RANGE BKT], [FILM SIMULATION BKT] and [AE BKT] modes however, just press the shutter button once to shoot 3 frames.
- Number of available frames is limited depending on the available space on the Memory Card or internal memory. In [DYNAMIC RANGE BKT], [FILM SIMULATION BKT] and [AE BKT] modes, if there is insufficient space on the Memory 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. However, when the mode is changed back to normal photography, the flash setting specified before continuous shooting was selected is restored.
- For [TOP 7 (RAW 3)], [TOP50 (RAW3)], [DYNAMIC RANGE BKT], [FILM SIMULATION BKT], [AE BKT] and [LAST 7 (RAW 3)], the results are always displayed after you shoot. Note that pictures taken using [LONG PERIOD] continuous shooting are recorded without displaying the results.
- In [LAST 7 (RAW 3)] and [LONG PERIOD] modes, only 1 frame can be shot when using with the Self-timer mode.
- File recording time using [TOP 7 (RAW 3)], [TOP50 (RAW3)], [DYNAMIC RANGE BKT], [FILM SIMULATION BKT], [AE BKT] or [LAST 7 (RAW 3)] may increase when recording to a Memory Card or internal memory.
Taking pictures continuously

[,top 7 (raw 3)] continuous shooting
Available Shooting modes: All

Shooting continues as long as holding the shutter button down. This mode shoots up to 7 frames (approx. 3 frames/sec.).

⚠️ CAUTION
When [raw CCD-RAW] is set to [ON] in the [SET-UP] menu, up to 3 frames can be shot.

[top50 (approx. 7 frames/sec.)]
Available Shooting modes: All except SP1, SP2

Shooting continues up to 50 frames as long as the shutter button is held down (approx. 7 frames/sec.). Use this mode when your priority is continuous shooting speed over image quality, during continuous shooting.

⚠️ CAUTION
• [ FILM SIMULATION] will be set to [STD PROVIA].
• [ DYNAMIC RANGE] will be set to [AUTO].
• The options of [QUALITY] (p.89) are not available. Even if you set the quality beforehand to [RAW] or higher, the quality is limited to [RAW] or under. The restriction is cleared when you select another shooting mode.
• This mode cannot be used when [RAW CCD-RAW] is set to [ON] in the [SET-UP] menu.

[dr] dynamic range bkt
Available Shooting modes: FSB, P, S, A

The camera automatically varies the dynamic range setting, and 3 frames are shot continuously in order of 100%, 200% and 400%.

⚠️ CAUTION
• ISO sensitivity is restricted. For details, see p.74.
• This mode cannot be used when [RAW CCD-RAW] is set to [ON] in the [SET-UP] menu.

[film] film simulation bkt
Available Shooting modes: FSB, P, S, A

The camera automatically varies the [FILM SIMULATION] setting, and 3 frames are shot continuously in order of [STD PROVIA], [Velvia] and [SOFT].

⚠️ CAUTION
• ISO sensitivity is restricted. For details, see p.74.
• This mode cannot be used when [RAW CCD-RAW] is set to [ON] in the [SET-UP] menu.
**[AE BKT]**

**Available Shooting modes:** [FSB], 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. A is correctly exposed, B is overexposed and C is underexposed. The exposure range settings can be changed in [AE BKT EV STEPS] in the [SHOOTING MENU].

✔ CHECK

AE 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.
- [AE BKT] cannot be used when the Shooting mode is set to AUTO, SP1, or SP2.

**MEMO Changing the setting (exposure range)**

Press MENU/OK to display [SHOOTING MENU] and change the setting in the [AE BKT EV STEPS] menu option (→p.93).
Taking pictures continuously

"LAST 7(RAW 3)" continuous shooting

Available Shooting modes: All

Shooting continues as long as holding the shutter button down. This mode shoots up to 50 times (approx. 3 frames/sec.). The camera records the final 7 frames shot when you release the shutter button.

⚠️ CAUTION
When [ ] CCD-RAW is set to [ON] in the [SET-UP] menu, up to 3 frames can be recorded.

"LONG PERIOD" continuous shooting

Available Shooting modes: All

Shooting continues as long as holding the shutter button down. This mode shoots up to Memory Card or internal memory end.

⚠️ CAUTION
This mode cannot be used when [ ] CCD-RAW is set to [ON] in the [SET-UP] menu.
Using [SHOOTING MENU]

Setting the [SHOOTING MENU]

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

1. Press MENU/OK to open [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.
## List of [SHOOTING MENU] options

<table>
<thead>
<tr>
<th>Menu</th>
<th>Functions</th>
<th>Settings</th>
<th>Factory default</th>
</tr>
</thead>
<tbody>
<tr>
<td>![SCENE POSITION] (→p.56)</td>
<td>This setting can be used when the Mode dial is set to SP1 or SP2. Use this setting to provide the best [SHOOTING MENU] setting for the scene being shot.</td>
<td>![ Scene Options ]</td>
<td>SP1: ![ Scene Options ]</td>
</tr>
<tr>
<td>![FILM SIMULATION] (→p.88)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to change color or tone of images.</td>
<td>![ Film Simulation Options ]</td>
<td>![ Film Simulation Options ]</td>
</tr>
<tr>
<td>![DYNAMIC RANGE] (→p.88)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 and SP2. Use this setting to change the dynamic range of images.</td>
<td>![ Dynamic Range Options ]</td>
<td>[AUTO]</td>
</tr>
<tr>
<td>![QUALITY] (→p.89)</td>
<td>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.</td>
<td>![ Quality Options ]</td>
<td>![ Quality Options ]</td>
</tr>
<tr>
<td>![COLOR] (→p.90)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to change color density when shooting.</td>
<td>![ Color Options ]</td>
<td>[MID]</td>
</tr>
<tr>
<td>![TONE] (→p.90)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to change contrast when shooting.</td>
<td>![ Tone Options ]</td>
<td>[STD]</td>
</tr>
<tr>
<td>![SHARPNESS] (→p.91)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to soften or emphasize the outline of an image.</td>
<td>![ Sharpness Options ]</td>
<td>[STD]</td>
</tr>
<tr>
<td>![WHITE BALANCE] (→p.91)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to adjust the color balance to suit the color of the ambient light around the subject.</td>
<td>![ White Balance Options ]</td>
<td>[AUTO]</td>
</tr>
<tr>
<td>![WB FINE TUNE] (→p.93)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting for fine tuning white balance.</td>
<td>![ WB Fine Tune Options ]</td>
<td>[0]</td>
</tr>
</tbody>
</table>
### Menu Functions

<table>
<thead>
<tr>
<th>Menu</th>
<th>Functions</th>
<th>Settings</th>
<th>Factory default</th>
</tr>
</thead>
<tbody>
<tr>
<td>[AE BKT EV STEPS] (→p.93)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to shoot the same image with different exposure settings.</td>
<td>[±1/3 EV]/[±2/3 EV]/[±1 EV]</td>
<td>[±1/3 EV]</td>
</tr>
<tr>
<td>[FLASH] (→p.94)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to adjust the amount of light emitted by the flash to suit the shooting conditions or to achieve a desired effect.</td>
<td>[−2/3 EV] to [+2/3 EV] in approx. 1/3 EV increments</td>
<td>[0]</td>
</tr>
<tr>
<td>[EXTERNAL FLASH] (→p.95)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting for external flash.</td>
<td>[ON]/[OFF]</td>
<td>[OFF]</td>
</tr>
<tr>
<td>[AF MODE] (→p.97)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to specify the focusing area.</td>
<td>[ ]/ [ ]/ [ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>[HIGH-SPEED SHOOTING] (→p.99)</td>
<td>When setting [SPORT] mode, the camera sets to [HIGH-SPEED SHOOTING] mode automatically. Use this setting to reduce the time required for focusing.</td>
<td>[ON]/[OFF]</td>
<td>[OFF]</td>
</tr>
<tr>
<td>[CUSTOM SET] (→p.99)</td>
<td>This setting can be used when the Mode dial is set to anything other than AUTO, SP1 or SP2. Use this setting to save your favorite shooting settings.</td>
<td>[C1]/[C2]</td>
<td>–</td>
</tr>
</tbody>
</table>

### Other factory default settings:
- ISO: [AUTO(800)] when shooting mode is set to AUTO, [200] when shooting mode is set to FSB, P, S, A or M.
- Dual Image Stabilizer: ON
- Intelligent Face Detection: OFF
[SHOOTING MENU]

Setting the Film Simulation (FILM SIMULATION)

Available Shooting modes: All except AUTO, SP1, SP2

Use this setting to change color or tone of images to save. 4 types of film are available according to shooting subjects.

- **PROVIA**: Use this mode for shooting portrait or scenery in standard colors and tones.
- **Velvia**: Use this mode for shooting the scenery or nature in high brightness and sharp tone.
- **SOFT**: Use this mode for shooting in soft tone with muted color.
- **PORTRAIT**: Use this mode to reproduce natural skin tones.

**CAUTION**
ISO sensitivity is restricted. For details, see p.74.

Setting the Dynamic Range (DYNAMIC RANGE)

Available Shooting modes: All except AUTO, SP1, SP2

Sets the dynamic range used for photographed images.

- **AUTO**: The camera automatically varies the dynamic range between 100% and 400% according to the scene being shot before taking the picture. This mode suppresses white flaring and black patches in scenes with high contrast while also enabling you to achieve good levels of contrast in pictures taken indoors or in cloudy weather where a wide dynamic range is not needed.
- **100%**, **200%**, **400%**: Takes the picture with a fixed dynamic range value, regardless of the scene being shot.

**CAUTION**
- ISO sensitivity is restricted. For details, see p.74.
- Although wider dynamic range settings will allow you to take pictures with good levels of contrast, they will also increase the amount of speckling in your images. Choose the dynamic range setting that best suits the conditions.
- [DYNAMIC RANGE] can be set only when [FILM SIMULATION] is set to [PROVIA].
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 Shooting mode

<table>
<thead>
<tr>
<th>Quality mode</th>
<th>Sample uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>11M F (3840 × 2880)</td>
<td>Printing at up to 10R (25.4 × 30.5 cm/10 × 12 in.) / A4 size / A3 size</td>
</tr>
<tr>
<td>11M N (3840 × 2880)</td>
<td>For better quality, select 11M F</td>
</tr>
<tr>
<td>3:2 (4032 × 2688)</td>
<td>Printing at up to 6R (15.2 × 20.3 cm/6 × 8 in.) / A5 size</td>
</tr>
<tr>
<td>6M (2816 × 2112)</td>
<td>Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size</td>
</tr>
<tr>
<td>3M (2048 × 1536)</td>
<td>To use for e-mail or web site</td>
</tr>
<tr>
<td>2M (1600 × 1200)</td>
<td></td>
</tr>
<tr>
<td>1M (640 × 480)</td>
<td></td>
</tr>
</tbody>
</table>

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 a Memory 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.168). The numbers to the right of setting show the number of available frames.
- Available ISO setting changes depending on the quality setting. For the relation of ISO sensitivity and quality, see p.74.

CAUTION
Setting Color ([COLOR])
Available Shooting modes: All except AUTO, SP1, SP2

Set the density of the color used when shooting images.

[HIGH]: This setting provides the highest color density.
[MID]: This setting sets the standard color density.
[LOW]: This setting specifies the lowest color density.
[B&W]: This setting converts the colors in the photographed image to black and white.

⚠️ CAUTION
[COLOR] can be set only when [FILM SIMULATION] is set to [PROVIA].

Setting Contrast ([TONE])
Available Shooting modes: All except AUTO, SP1, SP2

Use this setting to adjust the contrast of images to be shot.

[HARD]: This setting provides the highest level of contrast.
[STD]: This setting sets the contrast for photographed images to the standard level.
[SOFT]: This setting specifies the lowest contrast.

⚠️ CAUTION
[TONE] can be set only when [FILM SIMULATION] is set to [PROVIA].
*Adjust the image outline (hard/soft) ([Sharpness])*

**Available Shooting modes:** All except AUTO, SP1, SP2

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

- **[HARD]:** Emphasizes the outlines. Best for shots of subjects such as buildings or text where sharp images are desirable.
- **[STANDARD ([STD])]:** 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.

⚠️ **CAUTION**

[SHARPNESS] can be set only when [FILM SIMULATION] is set to [PROVIA].

*Adjusting color balance ([White Balance])*

**Available Shooting modes:** All except AUTO, SP1, SP2

Adjust the color balance based on white to suit the color of the ambient light around the subject.

- **[AUTO]:** Automatic adjustment
- **[CUSTOM 1]/[CUSTOM 2]:** Select the white balance by using white paper to suit the shooting conditions.
- **[FINE]:** Shooting outdoors in good weather
- **[SHADE]:** Shooting in shade
- **[FLUORESCENT LIGHT-1]:** Shooting under Daylight fluorescent lamps
- **[FLUORESCENT LIGHT-2]:** Shooting under Warm White fluorescent lamps
- **[FLUORESCENT LIGHT-3]:** Shooting under Cool White fluorescent lamps
- **[INCANDESCENT]:** Shooting in incandescent light
Custom white balance

1. Select [CUSTOM 1] or [CUSTOM 2] (→p.85).
2. Hold a piece of white paper under the light source for setting the white balance, so that it fills entire the frame in the screen. Then press the shutter button to set the white balance.

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

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

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 Suppressed flash (→p.77).
- The specified custom white balance is retained until it is reset. This setting is retained even if the battery is 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.171)
- Use the same ISO setting when custom white balance was set, before shooting.
White Balance Fine Tune (WB FINE TUNE)

Available Shooting modes: All except \(\text{AUTO} \), SP1, SP2

Use this setting for white balance fine tuning. The adjustment range for 1 step is –3 to +3.

- **R (red)-Cy:** Setting + makes images reddish, and – makes images cyanic.
- **B (blue)-Ye:** Setting + makes images bluish, and – makes images yellowish.

Setting R-Cy and B-Ye to + makes images magentaish.
Setting R-Cy and B-Ye to – makes images greenish.

1. Set the fine tune value between –3 and +3.
2. Press MENU/OK to confirm the setting.

**CAUTION**

The \(\text{WB FINE TUNE}\) setting cannot be cleared when the Power switch is set to OFF.

Shoot the same image with different exposure ([AE BKT EV STEPS])

Available Shooting modes: All except \(\text{AUTO} \), SP1, SP2

Use this setting to shoot the same subject 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.

**CHECK**

- Bracketing settings (3) \([\pm 1/3 \text{ EV}], [\pm 2/3 \text{ EV}], [\pm 1 \text{ EV}]\)
- Explanation of Terms “EV” (→p.170)

Continued ➤
[SHOOTING MENU]

**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 cannot be used.
- This feature always takes 3 shots. However, if there is insufficient space on the Memory Card or internal memory for 3 shots, no picture will be taken.

**MEMO AE bracketing**

Adjust the amount of light emitted by the flash ([FLASH] (Brightness Adjustment))

Available Shooting modes: All except AUTO, SP1, SP2

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

**CHECK**

Compensation range:
- \([-2/3 \text{ EV}] \text{ to } [+2/3 \text{ EV}] \) in approx. 1/3 EV increments (total: 5 levels selectable)
- Explanation of Terms “EV” (→p.170)

**CAUTION**
- Depending on the type of subject and the shooting distance, brightness adjustment may have no effect.
- The image may appear dark when the shutter speed is set to speeds higher than 1/1000 sec.
Using External Flash ([ EXTERNAL FLASH])

Available Shooting modes: All except AUTO, SP1, SP2

Use this setting to use the external flash. The synchronized shutter speed is up to 1/4000 sec.

① Select [ON] in the menu (→p.85).

② Close the built-in flash to attach the external flash to the hot shoe of the camera, and tighten the locking screw.

③ Select Shooting mode. The mode can be set to P, S, A, M, C1, or C2, however M is recommended.

④ Set the external flash.

* The Illustration shows an external flash (commercially available).

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

• Select external flash mode (TTL mode cannot be used).
• Match the settings to the camera aperture setting. Set the flash for the aperture setting measured by the camera.
• Match the sensitivity setting (→p.73) to the setting on the camera.

Continued ➔
CAUTION

- The image may appear dark when the shutter speed is set to speeds higher than 1/1000 sec.
- Set [WHITE BALANCE] (p.91) to [AUTO] or custom white balance (p.92).
- If you pop up the built-in flash when [EXTERNAL FLASH] is set to [ON], the built-in flash fires once as a signal for the external flash to fire. The hot shoe and the synchronizing terminal do not make a signal for flash.
- Flash cannot be used when [CONTINUOUS] (p.81) is selected.

CHECK

- Ordinary external flash units can be used. However, some camera-specific flash units cannot be used.
- Compatible flash units must meet the following 3 conditions:
  - The aperture can be set.
  - External flash synchronization can be used.
  - The sensitivity can be set.
- If white balance is incorrect, adjust it by selecting [CUSTOM 1] or [CUSTOM 2] in [WHITE BALANCE] of [SHOOTING MENU] (p.91).

Using a Synchronizing terminal

Attach the synchronization cord from the external flash to the Synchronizing terminal on the camera by pushing the cord into the terminal securely.
Specifying the focusing area ([AF MODE])

Available Shooting modes: All except AUTO, SP1, SP2
(When Intelligent Face Detection is turned OFF)

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

- [ ] : [CENTER]
- [ ] : [MULTI]
- [ ] : [AREA]

[ ] CENTER

The camera focuses on the center of the screen. Use this setting when taking pictures with AF/AE lock (p.40).

[ ] 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.

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.40).
The camera changes the focusing position on the screen. Use this setting when composing the shot using a tripod and changing the focusing position.

1. Display the setting screen.
2. Press ▲▼ ◀▶ to move the target point (target point) to the focusing position, while pressing ◀▶ (one-touch AF button).

When you release the ◀▶ One-touch AF button, the AF frame appears in the location to which the target point was moved.

4. Press the shutter button to take pictures.

MEMO
- To reposition the AF frame, repeat from 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.40).
Focusing the shot quickly ([HIGH-SPEED SHOOTING])

Available Shooting 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 is automatically set to [60fps] (p.170).

MEMO
- Focal range
  - With [HIGH-SPEED SHOOTING] set to [OFF]
    Wide-angle: approx. 50 cm (1.6 ft.) to infinity
    Telephoto: approx. 2.5 m (8.2 ft) to infinity
  - With [HIGH-SPEED SHOOTING] set to [ON]
    Wide-angle: approx. 2 m (6.6 ft.) to infinity
    Telephoto: approx. 5 m (16.4 ft) to infinity
- When taking pictures while [HIGH-SPEED SHOOTING] is set to [ON], the battery will run down more quickly.
- When setting [SPORT], the camera sets to [HIGH-SPEED SHOOTING] mode automatically.

Saving your favorite settings ([CUSTOM SET])

Available Shooting modes: All except AUTO, SP1, SP2

Use this mode to save the shooting conditions (Shooting mode, sensitivity, quality, set-up menu options etc.) previously set.

The following [SHOOTING MENU] options can be saved by selecting [CUSTOM SET]:
- [FILM SIMULATION]
- [DYNAMIC RANGE]
- [QUALITY]
- [COLOR]
- [TONE]
- [SHARPNESS]
- [WHITE BALANCE]
- [WB FINE TUNE]
- [AE BKT EV STEPS]
- [FLASH]
- [EXTERNAL FLASH]
- [AF MODE]
- [HIGH-SPEED SHOOTING]

The following [SET-UP] menu options can be saved by selecting [CUSTOM SET]:
- [AF ILLUMINATOR]
- [CCD-RAW]
Playback Information

Shooting information can be checked when the camera is set to single-frame playback mode. While pressing D, the information is displayed. Release D to return to playback mode.

![Diagram of camera and screen with icons]

1. Quality
2. Sensitivity
3. Shutter speed/Aperture
4. Film simulation
5. Flash
6. White balance
7. Exposure compensation setting
8. Frame number
9. Histogram

⚠️ CAUTION
- Highlight warning

Overexposed area blinks in black.

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 [PLAYBACK MENU]

Use these menus to playback photographed images.

Setting the [PLAYBACK MENU]

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

2. Press MENU/OK to open [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.

List of [PLAYBACK MENU] option

<table>
<thead>
<tr>
<th>Menu</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERASE</td>
<td>49</td>
</tr>
<tr>
<td>SLIDE SHOW</td>
<td>102</td>
</tr>
<tr>
<td>RED EYE REMOVAL</td>
<td>102</td>
</tr>
<tr>
<td>IMAGE ROTATE</td>
<td>103</td>
</tr>
<tr>
<td>PROTECT</td>
<td>104</td>
</tr>
<tr>
<td>COPY</td>
<td>106</td>
</tr>
<tr>
<td>VOICE MEMO</td>
<td>107</td>
</tr>
<tr>
<td>TRIMMING</td>
<td>110</td>
</tr>
<tr>
<td>PRINT ORDER (DPOF)</td>
<td>112</td>
</tr>
</tbody>
</table>
Setting automatic playback ([SLIDE SHOW])

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

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.129) 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.
- The date is displayed on the Slide Show (except [MULTIPLE]) if the date is displayed on the Single-Frame Playback.
- 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.

Correcting red-eye effect in images ([RED EYE REMOVAL])

You can correct the red-eye effect in images taken with the Intelligent Face Detection (→p.37) ( impair appears on the screen).

1. Press ‹ or › to select the frame taken with the Intelligent Face Detection.
2. Press MENU/OK to open [PLAYBACK MENU].
3. Press ‹ or › to select [RED EYE REMOVAL].
4. Press ›.
5. Press MENU/OK to perform removal.
CAUTION

- If the camera is unable to detect faces in an image, it will not correct the red eye-effect sufficiently, or not at all. Also, the camera cannot correct the red-eye effect if the face is in profile.
- Correction results may differ depending on scene.
- The processing may take more time if there are many faces in the image.
- Images photographed with a camera other than FinePix S100FS cannot be red-eye corrected.
- The corrected image is added as a separate file in the final frame and is indicated in the image.
- A red-eye corrected image is shown with a . The image cannot be corrected again.

CHECK

1. Red-eye effect in an image will be detected.

2. Red-eye effect will be corrected before the image is recorded. When the red-eye effect is not detected, processing will end without the [REMOVING] screen displayed.

Rotating the images (IMAGE ROTATE)

Use this mode to rotate the image.

CAUTION

- Protected frames (files) cannot be rotated. Unprotect the frames (files) before rotating them (p.104).
- When [ AUTOROTATE PB] in the [SET-UP] menu is set to [OFF], images cannot be rotated.

MEMO

An image can be rotated only when playing back using FinePix S100FS. You may not be able to rotate images that were shot with a camera other than the FinePix S100FS.

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

2. Press MENU/OK to open [PLAYBACK MENU].

3. Press or to select [ IMAGE ROTATE].

Continued ➤
Protecting the images ([ PROTECT])

Use this mode to prevent frames (files) from being accidentally erased.

[FRAME] (set or reset a frame)

To protect or unprotect only the selected frame (file):

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.

Setting the menu (→p.101)

Press ▶.

Press ▲ or ▼ to rotate the image.
▼: Rotates the image clockwise at a 90 degree angle.
▲: Rotates the image counterclockwise at a 90 degree angle.

Press ▲ or ▼ to select the protecting/unprotecting frame (file).

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.
To stop the procedure midway

Press DISP/BACK.

CAUTION
The Format function erases all the frames (files), including protected frames (files) (→p.129).
Copying the images ([COPY COPY])

It is possible to transfer saved images between the internal memory and a Memory Card.

Selecting COPY

1 Press ▲ or ● to select [ INTERNAL MEMORY ↪ CARD] or [ CARD ↪ INTERNAL MEMORY].

2 Press ▶.

Copying one frame at a time ([FRAME])

1 Press ▲ or ● to select [FRAME].

2 Press MENU/OK.

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])

1. Press ▲ or ▼ to select [ALL FRAMES].
2. Press MENU/OK.
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 [PLAYBACK MENU].
3. Press ▲ or ▼ to select [VOICE MEMO].
4. Press ▶.

CONTINUED ➤
108

[PLAYBACK MENU]

MEMO

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

5 Press MENU/OK to start recording.

The remaining recording time appears during recording.

Remaining time

Blinking red

MEMO

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

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.104).
• Voice memos cannot be added to movies.
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.

**CAUTION**

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

### Playing back voice memos

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

**CHECK**

- Audio recording format:
  WAVE (→p.170), PCM recording format
- Audio file size:
  Approx. 350 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.

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

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

☑ CHECK
Before selecting [ TRIMMING], select the trimming frame (file).

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

Zoom bar

1. Press ▼ or ▲ to zoom in or out on an image.
Navigation screen (Current displayed image)

2. Press ▼ or ► to switch the display.

3. Press ▲,▼,◄ or ► to move to another part of the image.

4. Press MENU/OK.

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

MEMO
- Press DISP/BACK to return to the single-frame playback.
- A saved image size varies depending on the zoom scale of step 1. For 0.3 M, [OK] YES option appears in yellow.
- Image sizes

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>6M</td>
<td>Printing at up to 6R (15.2 × 20.3 cm/6 × 8 in.) / A5 size</td>
</tr>
<tr>
<td>3M</td>
<td>Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size</td>
</tr>
<tr>
<td>2M</td>
<td>To use for e-mail or web site</td>
</tr>
</tbody>
</table>

- When 32 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 S100FS.

Intelligent Face Detection
For images taken with the Intelligent Face Detection (→p.37), [ ] appears on the screen. When you 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].
**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.

**[WITH DATE]**: 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], a checkmark appears on the screen and the date will be imprinted on your prints.

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.
MEMO Canceling DPOF setting

1. Press MENU/OK to open [PLAYBACK 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.114)

MEMO

When DPOF settings were specified on another camera.

When the data includes a frame (file) with DPOF settings that were specified on another camera, [RESET DPOF OK?] appears. Pressing 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 Memory 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.
• Depending on the printer specifications, the date may not be printed in some cases.
• Images photographed with a camera other than FinePix S100FS may not be specified DPOF settings.

Continued ➤
Intelligent Face Detection

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:

Select [RESET ALL] in [PLAYBACK MENU] (p.112).

Press MENU/OK.

MEMO

appears on the screen during playback when the image has specified DPOF settings.
[研] PRINT ORDER (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 a Memory Card. The recorded specifications include information on which frames are to be printed.

* 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.51)
When erasing the image, the DPOF setting for that image is deleted at the same time.

[RESET DPOF OK ?] (→ p.113)
When inserting a Memory 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.154)
Up to 999 images can be specified on the same Memory Card.
Recording Movies

Use this mode to record movies with sound.

1 Set the camera to Movie mode.
   Set the Mode dial to  .

   The available recording time appears on the screen.

   MEMO
   While in standby, pressing the Dual IS button enables you to take stable and blur-free images even under difficult shooting conditions, such as telephoto shooting.

2 Record movies.

   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
You can zoom with the zoom ring during recording. Adjust the focus again after zooming.

![Zoom bar](image)

Turn the zoom dial to zoom in or out on an image.

#### CHECK
- **Optical zoom focal length**
  With Dual Image Stabilizer function set to off:
  approx. 28 mm to 400 mm
  Max. zoom scale: 14.3×
- **Focal range**
  Wide-angle: approx. 50 cm (1.6 ft.) to infinity
  Telephoto: approx. 2.5 m (8.2 ft.) to infinity
  * 35 mm camera equivalent

### CHECK Recording movies
- Specifications: Motion JPEG (→p.170), Monaural sound
- Quality selection method: 
  - 400 (640 x 480 pixels)
  - 320 (320 x 240 pixels)
- Frame rate (→p.170): 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.
- The exposure and white balance will be automatically adjusted to the scene being shot even after recording has started.
- If recording is stopped immediately after it begins, 1 second of the movie is recorded onto the Memory Card or internal memory.

#### CAUTION
- Because a movie is recorded onto the Memory Card or internal memory as it is saved, it cannot be recorded correctly if the camera suddenly loses power (if the battery run out or the AC power adapter is disconnected).
- A movie file taken by FinePix S100FS may not be playable on other cameras.
- Because sound is recorded concurrently with the images, make sure that you do not cover the microphone with a finger, etc. (→p.11).
- Camera operation noises may be recorded during movie shooting.
- The size of a movie file can be up to 2 GB.
Changing movie size

Press MENU/OK when in the Movie mode to open [SHOOTING MENU].

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.
- See p.168 for information on recording times per Memory Card or internal memory.

CAUTION

If you shoot using the xD-Picture Cards with model numbers containing “M” such as DPC-M1GB, movie recording time may be reduced if you repeatedly record and erase (frame erase) image files. In such a case, erase all frames or format the xD-Picture Card before use. Back up important frames (files) onto your PC or another media.
Playing Back Movies

Playing back movies

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

1. Press ◀ or ▶ to select the movie file. 🎬 appears on the screen.
2. Press ▼ to begin playing back movie.

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

Progress bar
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 playback some movie files recorded on other cameras.
- To playback movie files on a PC, save the movie file on the Memory Card or internal memory to the PC's hard disk and then playback the saved file.
- Uncover the speaker. The sound is difficult to hear.

Adjusting volume of movies

Volume can be adjusted while playing back movies.

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 playback the movie.
**[SET-UP]**

### Using the [SET-UP] menu

1. **Open the [SET-UP] menu.**
   - Press MENU/OK to open the menu.
   - Press ▲ or ▼ to select [SET-UP].
   - Press ►.

2. **Change the page.**
   - Press ◀ or ► to select the page.
   - Press ▼ to move to menu item.

3. **Change the setting.**
   - Press ▲ or ▼ to select the menu.
   - Press ►.
   - Different type of screen appears depending on selected item.
   - Press ▲ or ▼ to change the setting.
   - Press MENU/OK to confirm the setting.
<table>
<thead>
<tr>
<th>Setting</th>
<th>Display</th>
<th>Factory default</th>
<th>Explanation</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ IMAGE DISP. ]</td>
<td>[CONTINUOUS]/[3SEC]/[1.5 SEC]/[ZOOM CONTINUOUS)]</td>
<td>[1.5 SEC]</td>
<td>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. Playback the recorded images to check them.</td>
<td>125</td>
</tr>
<tr>
<td>[ FRAME NO. ]</td>
<td>[CONTINUOUS]/[RENEW]</td>
<td>[CONTINUOUS]</td>
<td>Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.</td>
<td>126</td>
</tr>
<tr>
<td>[ DUAL IS MODE ]</td>
<td>[ CONTINUOUS]/[SHOOTING ONLY]</td>
<td>[ CONTINUOUS]</td>
<td>Selects from the Dual IS modes.</td>
<td>127</td>
</tr>
<tr>
<td>[ SAVE ORG IMAGE ]</td>
<td>[ON]/[OFF]</td>
<td>[OFF]</td>
<td>Specifies whether or not to record a shot image before red-eye correction is applied when using the Intelligent Face Detection function with [ FACE REMOVAL ON].</td>
<td>–</td>
</tr>
<tr>
<td>[ AF ILLUMINATOR ]</td>
<td>[ON]/[OFF]</td>
<td>[ON]</td>
<td>Specifies whether the AF-assist illuminator is ON or OFF.</td>
<td>42</td>
</tr>
<tr>
<td>[ CCD-RAW ]</td>
<td>[ON]/[OFF]</td>
<td>[OFF]</td>
<td>Sets the picture quality to CCD-RAW. The camera will not perform image processing, however images can be processed on a PC.</td>
<td>127</td>
</tr>
<tr>
<td>[ EVF/LCD MODE ]</td>
<td>[30fps]/[60fps]</td>
<td>[60fps]</td>
<td>Sets the screen display to the fine mode.</td>
<td>–</td>
</tr>
<tr>
<td>[ AE-LOCK MODE ]</td>
<td>[AE-L1]/[AE-L2]</td>
<td>[AE-L1]</td>
<td>Selects from the AE-Lock modes. When [AE-L1] is set, the exposure is fixed while pressing the AE-L button. When [AE-L2] is set, pressing the AE-L button fixes the exposure and pressing the AE-L button again releases the exposure.</td>
<td>–</td>
</tr>
<tr>
<td>[ FOCUS CHECK ]</td>
<td>[ON]/[OFF]</td>
<td>[ON]</td>
<td>Zooms up the center of the image for easy adjustment of the focus when turning the focus ring manually.</td>
<td>127</td>
</tr>
</tbody>
</table>
### How to use the [SET-UP] menu (→p.121)

<table>
<thead>
<tr>
<th>Setting</th>
<th>Display</th>
<th>Factory default</th>
<th>Explanation</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATE/TIME</td>
<td>–</td>
<td>–</td>
<td>Corrects the date or time.</td>
<td>27</td>
</tr>
<tr>
<td>OPERATION VOL.</td>
<td>[LO]/[O]/[HI]/[OFF]</td>
<td>[O]</td>
<td>Sets the volume of the tone emitted when the camera controls are used.</td>
<td>–</td>
</tr>
<tr>
<td>SHUTTER VOLUME</td>
<td>[LO]/[O]/[HI]/[OFF]</td>
<td>[O]</td>
<td>Sets the volume of the sound emitted when the shutter operates.</td>
<td>–</td>
</tr>
<tr>
<td>PLAYBACK VOLUME</td>
<td>–</td>
<td>[7]</td>
<td>Sets the volume of playing back movie and voice memo.</td>
<td>128</td>
</tr>
<tr>
<td>AUTOROTATE PB</td>
<td>[ON]/[OFF]</td>
<td>[ON]</td>
<td>Plays back automatically an image taken by holding the camera vertically in the correct position.</td>
<td>128</td>
</tr>
<tr>
<td>LCD BRIGHTNESS</td>
<td>–</td>
<td>[0]</td>
<td>Sets the LCD monitor brightness.</td>
<td>128</td>
</tr>
<tr>
<td>FORMAT</td>
<td>–</td>
<td>–</td>
<td>Initializes a Memory Card or internal memory. Select this menu to erase all the frames (files).</td>
<td>129</td>
</tr>
<tr>
<td>言語/LANG.</td>
<td>[言語]/[ENGLISH]/[FRANCAIS]/[DEUTSCH]/[ESPAÑOL]/[ITALIANO]/[한국어]/[한글]/[РУССКИЙ]/[PORTUGUÊS]/[NEDERLANDS]/[TÜRKÇE]/[CESKY]/[MÁGYAR]/[POLSKI]/[SVENSKA]</td>
<td>[ENGLISH]</td>
<td>Specifies the language used for screen display.</td>
<td>28</td>
</tr>
<tr>
<td>AUTO POWER OFF</td>
<td>[5 MIN]/[2 MIN]/[OFF]</td>
<td>[2 MIN]</td>
<td>Sets the time of turning camera off when camera is not used.</td>
<td>129</td>
</tr>
<tr>
<td>TIME DIFFERENCE</td>
<td>[HOME]/[LOCAL]</td>
<td>[HOME]</td>
<td>Specifies the time difference settings.</td>
<td>130</td>
</tr>
<tr>
<td>BACKGROUND COLOR</td>
<td>–</td>
<td>–</td>
<td>Specifies the colors of menu and background.</td>
<td>–</td>
</tr>
<tr>
<td>GUIDANCE DISPLAY</td>
<td>[ON]/[OFF]</td>
<td>[ON]</td>
<td>Specifies whether to display the function explanation.</td>
<td>–</td>
</tr>
</tbody>
</table>
### SET-UP

**How to use the [SET-UP] menu (→p.121)**

<table>
<thead>
<tr>
<th>Setting</th>
<th>Display</th>
<th>Factory default</th>
<th>Explanation</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ VIDEO SYSTEM]</td>
<td>[NTSC]/[PAL]</td>
<td>–</td>
<td>Specifies whether video output is set to [NTSC] or [PAL].</td>
<td>–</td>
</tr>
<tr>
<td>[ RESET]</td>
<td>–</td>
<td>–</td>
<td>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.</td>
<td>–</td>
</tr>
<tr>
<td>[ CUSTOM RESET]</td>
<td>[C1]/[C2]</td>
<td>–</td>
<td>Resets the shooting settings saved in C1 or C2 in Shooting mode.</td>
<td>–</td>
</tr>
</tbody>
</table>
[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 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.84) is set.

 MEMO
When a result is displayed with [CONTINUOUS] set, overexposed areas in an image can be checked by pressing Z.

### Enlarging images

1. Press ▼ or ▲ to zoom in or out of an image.
2. Press ◀ or ► to switch the display.
3. Press ▲, ▼, ◀, or ► to display another part of the image.
4. Press MENU/OK to take another picture. The image is recorded automatically.

 MEMO
- When is selected in [QUALITY], the image cannot be enlarged.
- Pressing DISP/BACK cancels the zoom setting.
- This function is disabled when setting the continuous shooting.

Continued ➔
**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 zoom in or out the selected face. Press ◄ or ► for the next or previous image, and 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 0001
...
0005 0005

B

0006 0001
...
0010 0005

* Formatted Memory Card or internal memory used for both A and B.

**[CONTINUOUS]:**

Pictures are stored beginning from the highest file number stored on the last Memory Card or internal memory used.

**[RENEW]:**

Pictures are stored on each Memory Card beginning with a file number 0001.

Each image will be numbered consecutively from the last number used. So when recorded images in the Memory Card are erased, the number of the erased frame will not be used again.

**CHECK**

![Diagram of Frame number, File number, 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 Memory Card when the Memory Card already contains image files with file numbers higher than the highest file number on the last Memory Card.
- The displayed frame number may differ for images photographed on other cameras.
[DUAL IS MODE]

Use this function to select the Dual IS mode.

[CONTINUOUS]:
[DUAL IS MODE] is always set to ON in Shooting mode.

[SHOOTING ONLY]:
[DUAL IS MODE] is set to ON when pressing the shutter button down halfway.

[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 help of FinePixViewer.)

⚠️ CAUTION

The functions listed below cannot be used in CCD-RAW mode.
- During shooting
  Red eye correction, Digital zoom and Quality unavailable.
- During playback
  Playback can be zoomed up to 2.5x, but cropped images cannot be saved and red eye effect cannot be corrected.

✔️ CHECK

To rebuild images, FinePixViewer (on the bundled CD-ROM “Software for FinePix”) 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, press the shutter button down halfway or leave the camera for a while to return to normal display.

⚠️ CAUTION

- The Focus check function can be used in the MF mode (→p.71).
- When using the Focus check function, set [EVF/LCD MODE] (→p.122) to [30fps] in the [SET-UP] menu.
- The Focus check function cannot be used when [HIGH-SPEED SHOOTING] (→p.99) is set to [ON].
[SET-UP]

[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.

[AUTOROTATE PB]
This camera has a built-in sensor to detect the vertical and horizontal composition of the camera when images are shot. When setting to [ON], images are automatically rotated and displayed on the LCD monitor in Playback mode according to the composition when shooting. When setting to [OFF], all images are displayed in horizontal composition.

[ON]: Displays images by automatically rotating on the LCD monitor according to the detected composition of the camera when images are shot.

[OFF]: Displays all images in horizontal composition.

How to use the [SET-UP] menu (→p.121)

[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.
[FORMAT]

Initialize (format) the Memory Card or internal memory for use with the camera.

Place of initialize

[ FORMAT OK?]: Internal memory
[ FORMAT OK?]: Memory Card

1. Press the navigation button to select [OK].

2. Pressing MENU/OK initializes the Memory 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. The Memory Card or internal memory could be damaged.

[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 battery.

CAUTION

The Auto power off function is disabled during slide show (p.102), and when a printer or a PC connection (p.134, 143) is being used.

MEMO To restore power to the camera

Refer to “Turning On and Off” (p.24).
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.

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.

3 Set time difference.

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.
CHECK

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

MEMO

In the time difference setting, when you change to Shooting 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.
Connecting to a TV

When connecting to a TV, images can be displayed on wider screen. Using slide show function (→p.102) 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.

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 “Notes and Cautions” (included) for notes on 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-84V (sold separately) when FinePix S100FS is connected to a TV for long periods.
Using the AC power adapter (sold separately)

Always use a FUJIFILM AC Power Adapter AC-84V (sold separately) (→ p.148).
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 battery.

![DC IN 8V socket]

Check that the camera is off. Plug the AC power adapter connector into the DC IN 8V 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 Memory Card, or malfunction during PC connection.
- The shape of the plug and socket-outlet depends on the country of use.
- FUJIFILM is not responsible for any malfunction caused by using any AC power adapter other than FUJIFILM AC Power Adapter AC-84V.
- Do not connect the AC power adapter to charge the battery. Use the supplied charger BC-140 to charge the battery.

💡 MEMO

See “Notes and Cautions” (included) for notes on the AC power adapter.
Connecting Camera Directly to Printer — PictBridge Function

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.

MEMO
Use the AC-84V (sold separately) when FinePix S100FS is connected to a printer.

2. Connect the camera to a printer and turn the printer on. Set the Power switch to ON to turn the camera on, then press ◄ to switch to Playback mode.

[ ◄ USB] appears on the screen.

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

“Specifying images for printing” ➜ p.135

“Printing with DPOF setting” ➜ p.136

MEMO
Depending on the printer, some functions are disabled.
Specifying images for printing ([PRINT WITH DATE] / [PRINT WITHOUT DATE])

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.
3. Press MENU/OK to display the confirm setting.
To specify more PRINT settings, repeat steps 1 and 2.

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.

Press MENU/OK again to download the data to the printer and start printing the specified number of prints.

MEMO

Printing with date

Press DISP/BACK to display the setting display.
1. Press  or  to select [PRINT WITH DATE].
2. 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

[prints PRINT DPOF]

1. Press DISP/BACK to open the menu.

2. Press ▲ or ▼ to select [prints 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 [prints PRINT DPOF], the DPOF settings must be specified on FinePix S100FS beforehand (→ p.112).

CAUTION

Even when [WITH DATE] is specified in the DPOF settings (→ p.112), the date is not inserted on printers that do not support date printing.
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.

**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-84V (sold separately) to your camera.
- Use internal memory or a Memory Card that was formatted on FinePix S100FS.
- Movies and CCD-RAW cannot be printed.
- Images photographed with a camera other than FinePix S100FS may not be printed.
Installation on a Windows PC

Pre-installation checklist

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

<table>
<thead>
<tr>
<th>requirement</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System*1</td>
<td>Windows XP</td>
</tr>
<tr>
<td>Windows 98 SE</td>
<td>Windows Vista</td>
</tr>
<tr>
<td>Windows Millennium Edition (Windows Me)</td>
<td></td>
</tr>
<tr>
<td>Windows 2000 Professional<em>2</em>3</td>
<td></td>
</tr>
<tr>
<td>Windows XP Home Edition*2</td>
<td></td>
</tr>
<tr>
<td>Windows XP Professional*2</td>
<td></td>
</tr>
<tr>
<td>Windows Vista*2</td>
<td></td>
</tr>
<tr>
<td>CPU</td>
<td></td>
</tr>
<tr>
<td>200 MHz Pentium minimum (Windows XP/Vista users: 800MHz Pentium 4 or better recommended)</td>
<td>2 GHz Pentium 4 or better</td>
</tr>
<tr>
<td>RAM</td>
<td></td>
</tr>
<tr>
<td>128 MB minimum (512 MB minimum for Windows Vista)</td>
<td>512 MB or better</td>
</tr>
<tr>
<td>Minimum 768 MB when converting CCD-RAW Data</td>
<td>1 GB or better</td>
</tr>
<tr>
<td>Hard disk space</td>
<td></td>
</tr>
<tr>
<td>Amount required for installation: 450 MB minimum</td>
<td>2 GB or better</td>
</tr>
<tr>
<td>Amount required for operation: 600 MB minimum</td>
<td>15 GB or better</td>
</tr>
<tr>
<td>Minimum 2 GB when converting CCD-RAW Data (must specified in the OS as virtual memory or paging files)</td>
<td></td>
</tr>
<tr>
<td>Display</td>
<td></td>
</tr>
<tr>
<td>800 x 600 pixels or better, 16-bit color or better</td>
<td>1024 x 768 pixels or better, Highest (32 bit)</td>
</tr>
</tbody>
</table>

*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.

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

1 Install FinePixViewer as instructed by the on-screen instructions.

Launching the installer manually

   Windows Vista users should click [Computer] in the [Start] menu.


For Windows Vista users:
When loading the bundled CD-ROM on your PC, the [AutoPlay] window may appear. In this case, click [SETUP.exe].
When [User Account Control] window appears, click [Allow].

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 of DirectX or Windows Media Player has not been installed, each software will be installed, and then the PC will restart.
- 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]. Remove the CD-ROM from your PC.

* 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).
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.

<table>
<thead>
<tr>
<th>compatible Mac*1</th>
<th>Power Macintosh G3<em>2, PowerBook G3</em>2, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube, PowerBook G4, Power Macintosh G5, MacBook, MacBook Pro, or Mac mini</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Mac OS X (compatible with version 10.3.9 to 10.4.10)</td>
</tr>
<tr>
<td>RAM</td>
<td>256 MB minimum</td>
</tr>
</tbody>
</table>
| Hard disk space  | Amount required for installation: 200 MB minimum
Amount required for operation: 400 MB minimum
Minimum 2 GB when converting CCD-RAW Data (required on the system disk) |
| Display          | 800 × 600 pixels or better, at least 32,000 colors                                                |
| 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 (included). 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.

5 The [Authenticate] dialog appears. Enter the name and password for the administrator account and then click the [OK] button. For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

6 Install FinePixViewer as directed by the on-screen instructions.

Continued ➔
7 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.

8 Launch [Image Capture] from the [Applications] folder.

9 Change the Image Capture settings. Select [Preferences...] from the [Image Capture] menu.

10 Select [Other...] from [When a camera is connected, open].


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.

FinePixViewer Overview
Enables importing images, managing files and folders, and ordering prints using the internet (only Windows users).

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

Refer to Software Installation (→p.138, 140) 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.

1. Insert the Memory Card with images into the camera (→p.21).
   You can use the xD-Picture Card and the SD Memory Card with the FinePix S100FS. In this Owner’s Manual, these cards are expressed as “Memory Card”.

💡 MEMO
In Windows, if FinePixViewer is already installed, the driver will be set automatically. No action is required.

Continued ➔
Connecting to a PC

⚠️ CAUTION

- FinePix S100FS is compatible with PTP (Picture Transfer Protocol)/MTP (Media Transfer Protocol). A PTP/MTP-compatible camera is a camera that can recognize the PC and printer automatically when connected.
- Do not disconnect the USB cable (included) when the camera is communicating with a PC. If the USB cable (included) is disconnected during communication, the files on the Memory Card or internal memory may be damaged.
- In Mac OS X, you must set automatic setup the first time you connect the camera to your PC.
- 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 Memory Card, always disconnect the camera from the PC.
- The camera and PC may be exchanging data even when [Copying] disappears from your PC screen. Before disconnecting the USB cable (included), always check that the indicator lamp is off.
- Always use FinePixViewer to transfer images with voice memos to a PC.
- The cost of an Internet provider for connecting to the internet is the user’s responsibility.
- When using FinePixViewer to save images on a data server (network), FinePixViewer may not run as it would in a standalone PC environment.
  - An image taken with CCD-RAW (→p.127) setting is required to be transferred to a PC using FinePixViewer.

⚠️ CAUTION

- Always use the FUJIFILM AC Power Adapter AC-84V (sold separately). If the camera suddenly loses power during data exchange, data exchange will not be performed correctly, and the Memory Card or internal memory could be damaged.
- Make sure that the USB cable (included) is connected correctly and securely.
- Connect the camera directly to the PC using the USB cable (included). The software may not operate correctly when you use an extension cable, or if you connect the camera via a USB hub.
- When your PC has more than one USB port, the camera can be connected to either port.
- When Windows 98 SE is used, the supplied software must be installed first before connecting the camera to a PC using the USB cable. The PC will not recognize the camera if it is connected before installation.
- A memory Card, the internal memory, data in a Memory Card or data in the internal memory could be damaged if any of the following are performed;
  - the USB cable is disconnected
  - Power switch or buttons are pressed
The following steps differ depending on the PC’s operating system (Windows XP/Vista and Mac OS X case)

When your PC recognizes the camera automatically, 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.

⚠️ CAUTION
When there are many images stored on a Memory Card, it takes a while to display on the screen of your PC. Also, it may take a while to import images or you may be unable to save images. In this case, use an Image Memory Card Reader.

📝 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 turn off the camera and then disconnect it from the PC.
- When the camera is connected to your PC, FinePixViewer automatically starts up by the function of Exif Launcher, which is installed in FinePixViewer.

Proceed to “Using FinePixViewer” (→p.146).

⚠️ CAUTION (MAC OS X)
If FinePixViewer does not start up automatically, the software may not be installed correctly. Set your PC again after disconnecting the camera and restart.

⚠️ CAUTION (MAC OS X)
Note on disconnecting the camera
- Close all files in the camera, and make sure the camera is not exchanging data.
- The camera and PC may be exchanging data even when [Copying] disappears from your PC screen, especially in the case of copying large data amounts. Do not disconnect the USB cable (included), immediately after this message has disappeared. Always check that the indicator lamp is off first before disconnecting.
Connecting to a PC

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. The steps for uninstalling software differ depending on the operating system. Follow the steps for each operating system to uninstall the software listed below.

Macintosh


The following software is to be uninstalled:

- FinePixViewer
- FinePix Resource
- FinePix Studio*
- RAW FILE CONVERTER LE*
* May not have been installed depending on the operating system.

To remove FinePixViewer

FinePixViewer Ver.5.*

To remove the driver software

FUJIFILM USB Driver

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

By using FinePix S100FS 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

- **Connecting remote release**
  - Remote release RR-80

- **Image input/output to the PC**
  - USB
  - Personal Computer (commercially available)
  - SD/SDHC Memory Card
  - xD-Picture Card
  - PictBridge-compatible printer (commercially available)
  - Printer (commercially available)

- **Printing**
  - PictBridge

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Accessories Guide

Visit the FUJIFILM web site for the latest information on camera accessories.
Accessory availability may vary by country. Please check with your local Fujifilm representative to confirm product availability.

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Description</th>
</tr>
</thead>
</table>
| **xD-Picture Card** | Use the following xD-Picture Cards:
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 S100FS 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-84V** | Use the AC-84V when taking pictures or play back images for long periods or when FinePix S100FS is connected to a PC.
* The shape of the AC power adapter, the plug, and power outlet depend on the country. |
| **Rechargeable Battery NP-140 (1150 mAh)** | A Lithium-ion large capacity rechargeable battery. |
| **Remote release RR-80** | Use the remote release RR-80 together with a tripod to prevent camera shake, etc. |
| **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.
* This is not compatible with the SD Memory Card. |
• **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).
  ※ This is not compatible with the SD Memory Card.
Using Your Camera Correctly

Read this information and the “Safety Notes” (→ “Notes and Cautions” (included)), 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 electric magnetic fields (such as near broadcasting tower, power lines, radar, motors, transformers, magnets, etc.)
- In contact with chemicals such as pesticides
- Next to rubber or vinyl products

Damaged by Water or Sand
FinePix S100FS 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 Memory Card. In this event, remove the Memory 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 battery and the Memory 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.
Handling Memory Card

- When inserting the Memory Card into the camera, hold the Memory Card straight as you push it in.
- Never remove the Memory Card or turn the camera off during data recording or erasing (Memory Card formatting) as this could be damaged to the Memory Card.
- The use of xD-Picture Cards is recommended with FinePix S100FS. The recording quality cannot be guaranteed when xD-Picture Cards other than those manufactured by FUJIFILM are used.
- The Memory Card may feel warm when it is removed from the camera after taking pictures. This is normal.
- Do not put labels on the Memory Card. Peeling labels can cause the camera not to work properly.

MEMO Type M and H of xD-Picture Card

- Type M
  There are two types of Memory Card: standard type and Type M (containing “M” in the model number, such as DPC-M2GB).
  FinePix S100FS is compatible with Type M.
- Type H
  Type H and M share the same compatibility.
- Usable USB drive
  Type H cannot be used with xD-Picture Card USB drive DPC-UD1, while Type M can.

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.

Using Memory Card or Internal Memory with a PC

- When taking pictures using a Memory Card or internal memory that has been used on a PC, reformat the Memory Card using your camera.
- When formatting, 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 Memory Card or internal memory because this will make it impossible to use the Memory Card or internal memory in your camera.
- Always use the camera to erase image data.
- To edit image data, copy or transfer the image data to the PC and edit the copied or transferred data.
The table below lists the warnings that are displayed on the screen.

<table>
<thead>
<tr>
<th>Warning Displayed</th>
<th>Explanation</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Lit red" /> (Lit red) <img src="image" alt="Blinking red" /></td>
<td>The battery is low or completely out of charge.</td>
<td>Load new or fully charged battery.</td>
</tr>
<tr>
<td><img src="image" alt="Blinking red" /></td>
<td>There is a strong likelihood of camera shake because the shutter speed is slow.</td>
<td>Use flash. A tripod may be recommended, depending on the scene and mode.</td>
</tr>
<tr>
<td><img src="image" alt="Lit red" /> <img src="image" alt="AF" /> <img src="image" alt="Lit red" /> *The shape of the AF frame differs depending on the setting in [SHOOTING MENU].</td>
<td>The AF (autofocus) cannot work effectively.</td>
<td>• If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. • Use AF lock to take the picture (→p.40). • Select Macro mode when taking close-up shots.</td>
</tr>
<tr>
<td><strong>Aperture/ Shutter speed display</strong> (Lit red)</td>
<td>The camera cannot shoot the picture at the correct brightness due to too bright or dark shooting condition.</td>
<td>The picture can be taken, but the correct brightness (exposure) will not be obtained.</td>
</tr>
<tr>
<td><img src="image" alt="FOCUS ERROR" /></td>
<td>Camera malfunction or fault.</td>
<td>• Turn the camera on again. • Turn the camera off and on again. If the message still appears, contact your FUJIFILM dealer.</td>
</tr>
<tr>
<td><img src="image" alt="LENS CONTROL ERROR" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="NO CARD" /></td>
<td>Memory Card is not inserted when transferring images.</td>
<td>Insert a Memory Card.</td>
</tr>
<tr>
<td><img src="image" alt="CARD NOT INITIALIZED" /></td>
<td>• The Memory Card or internal memory is not formatted. • The Memory Card was formatted on a PC. • The Memory Card contact area is soiled.</td>
<td>• Format the Memory Card or internal memory on the camera (→p.129). • Format the Memory Card on the camera. • Wipe the contact area on the Memory Card with a soft, dry cloth. It may be necessary to format the Memory Card (→p.129). If the message still appears, replace the Memory Card. • Contact your FUJIFILM dealer.</td>
</tr>
<tr>
<td><img src="image" alt="Lit red" /></td>
<td>Camera fault.</td>
<td></td>
</tr>
<tr>
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<tr>
<td>-----------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>[CARD ERROR]</td>
<td>• The Memory Card contact area is soiled.</td>
<td>• Wipe the contact area on the Memory Card with a soft, dry cloth. It may be necessary to format the Memory Card (p.129). If the message still appears, replace the Memory Card.</td>
</tr>
<tr>
<td></td>
<td>• The Memory Card format is incorrect.</td>
<td>• Contact your FUJIFILM dealer.</td>
</tr>
<tr>
<td></td>
<td>• Camera fault.</td>
<td>• Insert a compatible Memory Card that is operation-checked at FUJIFILM Corporation.</td>
</tr>
<tr>
<td></td>
<td>• The Memory Card is damaged.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Inserted Memory Card is not compatible with your camera.</td>
<td></td>
</tr>
<tr>
<td>[MEMORY FULL]</td>
<td>The internal memory or Memory Card is full.</td>
<td>Erase some images in internal memory or Memory Card (p.49), or use a Memory Card that has ample free space.</td>
</tr>
<tr>
<td>[MEMORY FULL]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[WRITE ERROR]</td>
<td>• The data could not be recorded due to an Memory Card error or a connection error between the Memory Card and camera.</td>
<td>• Re-insert the Memory Card or turn the camera off and then on again. If the message still appears, contact your FUJIFILM dealer.</td>
</tr>
<tr>
<td></td>
<td>• The image cannot be recorded as it is too large to fit in the available space on the Memory Card.</td>
<td>• Use a new Memory Card.</td>
</tr>
<tr>
<td></td>
<td>• The Memory Card or internal memory is not formatted.</td>
<td>• Format the Memory Card or internal memory on the camera (p.129).</td>
</tr>
<tr>
<td>[PROTECTED CARD]</td>
<td>The SD Memory Card switch is slide to the “Lock” side.</td>
<td>Unlock the protection by sliding it back (p.22).</td>
</tr>
<tr>
<td>[INTERNAL MEMORY IS FULL]</td>
<td>The data could not be recorded or copied since the internal memory is full.</td>
<td>Erase some images from the internal memory (p.49), or use a Memory Card that has ample free space.</td>
</tr>
<tr>
<td>INSERT A NEW CARD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[BUSY]</td>
<td>The timing for recording was incorrect because the Memory Card was formatted on a PC.</td>
<td>Use a Memory Card that was formatted on the camera.</td>
</tr>
<tr>
<td>[FRAME NO. FULL]</td>
<td>The frame number has reached 999-9999.</td>
<td>1 Insert a formatted Memory Card into the camera.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 Start taking pictures (The frame number starts from “100-0001”).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 Set [CONTINUOUS] as the [FRAME NO.] setting in the [SET-UP] menu.</td>
</tr>
</tbody>
</table>

*Continued ➤*
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</table>
| **[READ ERROR]** | • The played back file was not recorded correctly.  
• The Memory Card contact area is soiled. | • This file cannot be played back.  
• Wipe the contact area on the Memory Card with a soft, dry cloth. It may be necessary to format the Memory Card (→p.129). If the message still appears, replace the Memory Card.  
• Contact your FUJIFILM dealer.  
• The movie and image cannot be played back. |
| **[?] READ ERROR** | • Camera fault.  
• An attempt was made to play back the image or the movie that was not recorded on this camera. | |
| **[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.104).  
• Protected files cannot be added to voice memos. Remove the protection (→p.104).  
• Protected files cannot be rotated. Remove the protection (→p.104). |
| **[_VOICE ERROR]** | • The voice memo file is faulty.  
• Camera fault. | • The voice memo cannot be played back.  
• Contact your FUJIFILM dealer. |
| **[__ NO IMAGE]** | An attempt was made to transfer images from the Memory Card or internal memory that memory was empty. | It is impossible to copy. |
| **[~ CAN NOT TRIM]** | An attempt was made to trim a 0.3M image, or an image shot in the CCD-RAW setting. | The image cannot be trimmed. |
| **[RAW CAN NOT TRIM]** | An attempt was made to trim an image shot using a camera other than FinePix S100FS.  
• The image is damaged. | The image cannot be trimmed. |
<p>| <strong>[CAN NOT TRIM]</strong> | 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 Memory Card is 999. Copy the images for which you want to order prints onto another Memory Card and then specify the DPOF settings. |</p>
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<td>[CANNOT SET DPOF]</td>
<td>An attempt was made to specify DPOF settings for a movie or an image that is not supported by DPOF.</td>
<td>DPOF printing cannot be used with this image format.</td>
</tr>
<tr>
<td>[RAW CAN NOT SET DPOF]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[CAN NOT SET DPOF]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[CAN NOT ROTATE]</td>
<td>An attempt was made to rotate a movie or an image shot using a camera other than FinePix S100FS.</td>
<td>These images cannot be rotated by image formats.</td>
</tr>
<tr>
<td>[CANNOT DETECT]</td>
<td>An attempt was made to correct the red-eye effect in images taken with Intelligent Face Detection function set to OFF, movies, images taken by another camera, or images not allowing red-eye removal.</td>
<td>Red-eye removal cannot be used with these image formats.</td>
</tr>
<tr>
<td>[? CAANOT DETECT]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[&lt; CAN NOT DETECT]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[? CAN NOT DETECT]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[RAW RAW FILE]</td>
<td>An attempt was made to correct the red-eye effect in an image shot in the CCD-RAW setting.</td>
<td>Red-eye removal cannot be used with this image format.</td>
</tr>
<tr>
<td>[COMMUNICATION ERROR]</td>
<td>The camera is not connected to a PC or printer.</td>
<td>• Check that the USB cable is connected correctly.  • Check that your printer is turned on.</td>
</tr>
<tr>
<td>[PRINTER ERROR]</td>
<td>Displayed for PictBridge.</td>
<td>• Check that the printer is not out of paper or out of ink.  • Turn the printer off briefly and then turn it back on.  • Refer to the user manual supplied with your printer.</td>
</tr>
<tr>
<td>[PRINTER ERROR RESUME?]</td>
<td>Displayed for PictBridge.</td>
<td>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.</td>
</tr>
</tbody>
</table>
### Warning Displays

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<tr>
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</table>
| [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 CCD-RAW cannot be printed.  
• Was the image data photographed using FinePix S100FS?  
You may not be able to print some images photographed on other cameras. |
## Troubleshooting

### Getting ready

<table>
<thead>
<tr>
<th>Matters</th>
<th>Problems</th>
<th>Possible causes</th>
<th>Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery and power supply</td>
<td>Nothing happens when setting the Power switch to ON.</td>
<td>The battery has run out.</td>
<td>Load new or fully charged battery.</td>
<td>18, 19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The battery is loaded backward.</td>
<td>Load the battery in the corrected direction.</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The battery cover or slot cover is not closed securely.</td>
<td>Close the battery cover or slot cover securely.</td>
<td>19, 22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The camera and AC power adapter are not connected correctly.</td>
<td>Connect the camera and AC power adapter correctly.</td>
<td>133</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The camera has been left for a long period with battery and AC power adapter removed.</td>
<td>Load the battery or connect the AC power adapter, and wait a short time before turning the camera on.</td>
<td>19, 24, 133</td>
</tr>
<tr>
<td></td>
<td>Battery run out quickly.</td>
<td>Camera is used in extremely cold conditions.</td>
<td>Put the battery in your pocket or another warm place to heat it and then load it into the camera just before you take a picture.</td>
<td>18, 19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The battery terminals are soiled.</td>
<td>Wipe the battery terminals with a clean, dry cloth.</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Same battery has been used for a long period.</td>
<td>The battery can no longer be recharged. Load a new battery.</td>
<td>18, 19</td>
</tr>
<tr>
<td></td>
<td>Power cuts out during operation.</td>
<td>The battery has run out.</td>
<td>Load new or fully charged battery.</td>
<td>18, 19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The camera and AC power adapter are not connected correctly.</td>
<td>Connect the camera and AC power adapter correctly.</td>
<td>133</td>
</tr>
</tbody>
</table>

*Continued*
## Troubleshooting

### Setting menu etc.

<table>
<thead>
<tr>
<th>Matters</th>
<th>Problems</th>
<th>Possible causes</th>
<th>Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD monitor display</td>
<td>Screens are not displayed in English.</td>
<td>A language other than English is selected in the [言語/LANG.] setting in the [SET-UP] menu.</td>
<td>Select [ENGLISH].</td>
<td>28</td>
</tr>
</tbody>
</table>

### Shooting

<table>
<thead>
<tr>
<th>Matters</th>
<th>Problems</th>
<th>Possible causes</th>
<th>Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic operations</td>
<td>No photograph is taken when pressing the shutter button.</td>
<td>The Memory Card or internal memory is full.</td>
<td>Insert a new Memory Card or erase some unnecessary frames.</td>
<td>21, 49</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The Memory Card or internal memory is not formatted.</td>
<td>Format the Memory Card or internal memory on the camera.</td>
<td>121, 129</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The Memory Card contact area is soiled.</td>
<td>Wipe the Memory Card contact area with a soft, dry cloth.</td>
<td>21, 151</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The Memory Card is damaged.</td>
<td>Insert a new Memory Card.</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The battery has run out.</td>
<td>Load new or fully charged battery.</td>
<td>18, 19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The Auto power off function has turned the camera off.</td>
<td>Turn the camera on.</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>The screen darkens after taking a picture.</td>
<td>You took pictures with flash.</td>
<td>The screen may darken for charging flash. Wait a short time.</td>
<td>78</td>
</tr>
<tr>
<td>Focusing</td>
<td>Camera has difficulty in focusing on the subject.</td>
<td>You took a close-up shot without selecting Macro mode.</td>
<td>Select Macro mode.</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>You photographed scenery with Macro mode selected.</td>
<td>Cancel Macro mode.</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>You are shooting a subject that is not suited to autofocusing (→p.41).</td>
<td>Use AF/AE lock or “MF” Manual focus mode to take the picture.</td>
<td>40, 71</td>
</tr>
<tr>
<td>Matters</td>
<td>Problems</td>
<td>Possible causes</td>
<td>Solutions</td>
<td>Page</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Intelligent Face Detection</td>
<td>Cannot set Intelligent Face Detection.</td>
<td>Shooting mode is set to 🅱️, 🅱️️, 🅱️️️, 🅱️️️️, 🅱️️️️️, or 🅱️️️️️️.</td>
<td>Change Shooting mode.</td>
<td>55</td>
</tr>
<tr>
<td>Macro</td>
<td>Cannot set the camera to Macro (close-up) mode.</td>
<td>Shooting mode is set to anything other than AUTO, 🅱️️️️️️, 🅱️️️️️️️, P, 🅱️️️️️️️, or M.</td>
<td>Change Shooting mode.</td>
<td>55</td>
</tr>
<tr>
<td>Flash</td>
<td>Cannot use the flash.</td>
<td>The shutter button was pressed while the flash was charging.</td>
<td>Wait until the charging is completed before pressing the shutter button.</td>
<td>78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The flash is not popped up.</td>
<td>Pop up the flash.</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shooting mode is set to 🅱️, 🅱️️, 🅱️️️, 🅱️️️️, or 🅱️️️️️.</td>
<td>Change Shooting mode.</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The battery has run out.</td>
<td>Load new or fully charged battery.</td>
<td>18, 19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Continuous shooting is selected.</td>
<td>Set continuous shooting to [OFF].</td>
<td>81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🅱️️ Super macro mode is selected.</td>
<td>Cancel 🅱️️ Super macro mode.</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>The flash settings are restricted and cannot be selected.</td>
<td>Shooting mode is set to anything other than 🅱️️️️️, 🅱️️️️️️, 🅱️️️️️️️, or P.</td>
<td>The flash settings are restricted because the camera settings are tailored to the scene being shot. Change Shooting mode for a wider range of flash settings.</td>
<td>55, 77</td>
</tr>
<tr>
<td></td>
<td>The playback image is dark even though the flash was used.</td>
<td>The subject is too far away.</td>
<td>Move to within the effective flash range before taking the picture.</td>
<td>75, 78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Your finger was covering the flash.</td>
<td>Hold the camera correctly.</td>
<td>33</td>
</tr>
</tbody>
</table>

Continued ➔
### Troubleshooting

<table>
<thead>
<tr>
<th>Matters</th>
<th>Problems</th>
<th>Possible causes</th>
<th>Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photographed images</td>
<td>The image is blurred.</td>
<td>The lens is dirty.</td>
<td>Clean the lens.</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AF frame (lit red) and !AF appeared when taking pictures.</td>
<td>Check the focus on the subject and take pictures.</td>
<td>34,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>! or appeared when taking pictures.</td>
<td>It may cause camera shake. Hold the camera steadily.</td>
<td>40,</td>
</tr>
<tr>
<td></td>
<td>There is speckling on the image.</td>
<td>The picture was taken with a slow shutter speed (long exposure) and a high-temperature environment.</td>
<td>This is a characteristic of CCDs and does not indicate a camera fault.</td>
<td>152</td>
</tr>
<tr>
<td>Recording images</td>
<td>Photographed images or movies are not recorded.</td>
<td>AC power adapter was connected or disconnected during turning the camera on.</td>
<td>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 Memory Card or malfunctions during PC connection.</td>
<td>133</td>
</tr>
<tr>
<td>Continuous shooting</td>
<td>Only 1 frame can be shot even though continuous shooting mode was set.</td>
<td>A picture is taken using self-timer when setting [LONG PERIOD] or [LAST 7(RAW 3)] continuous shooting mode.</td>
<td>Only 1 frame can be shot when using [LONG PERIOD] or [LAST 7(RAW 3)] continuous shooting mode and Self-timer mode together.</td>
<td>81</td>
</tr>
</tbody>
</table>
### Playing back

<table>
<thead>
<tr>
<th>Matters</th>
<th>Problems</th>
<th>Possible causes</th>
<th>Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Playing back</td>
<td>The camera does not emit any sound.</td>
<td>The camera volume is set too low.</td>
<td>Adjust the volume.</td>
<td>110, 120, 123, 128</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The microphone was blocked during shooting/recording.</td>
<td>Take care not to block the microphone during shooting/recording.</td>
<td>11, 108, 117</td>
</tr>
<tr>
<td></td>
<td></td>
<td>There is something covering the speaker during playback.</td>
<td>Make sure that the speaker is uncovered.</td>
<td>12, 109, 120</td>
</tr>
<tr>
<td>Erasing</td>
<td>Erasing [FRAME] does not erase the frame.</td>
<td>Some frames may be protected.</td>
<td>Unprotect frames using the camera on which the protection was first applied.</td>
<td>104</td>
</tr>
<tr>
<td></td>
<td>Erasing [ALL FRAMES] does not erase all the frames.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame No.</td>
<td>[CONTINUOUS] in the frame number setting does not function.</td>
<td>You opened the battery cover without turning the camera off when replacing the battery or Memory Card.</td>
<td>Always turn the camera off when replacing the battery or Memory Card. Opening the battery cover without turning the camera off may cause the frame number memory to not function.</td>
<td>24</td>
</tr>
</tbody>
</table>
## Troubleshooting

### Connecting

<table>
<thead>
<tr>
<th>Matters</th>
<th>Problems</th>
<th>Possible causes</th>
<th>Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecting to TV</td>
<td>There is no image or sound on the TV.</td>
<td>The camera is not connected to the TV correctly.</td>
<td>Connect the camera and TV correctly.</td>
<td>132</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The included A/V cable was connected during movie playback.</td>
<td>After the movie playback mode is stopped, connect the camera and TV correctly.</td>
<td>119, 132</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“TV” is selected as the TV input.</td>
<td>Set the TV input to “VIDEO”.</td>
<td>–</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The video output setting is incorrect.</td>
<td>Change the setting to [NTSC] or [PAL].</td>
<td>121, 124</td>
</tr>
<tr>
<td></td>
<td>The TV volume is turned down.</td>
<td></td>
<td>Adjust the volume.</td>
<td>–</td>
</tr>
<tr>
<td></td>
<td>The TV image is black and white.</td>
<td>The video output setting is incorrect.</td>
<td>Change the setting to [NTSC] or [PAL].</td>
<td>121, 124</td>
</tr>
<tr>
<td>Connecting to PC</td>
<td>PC does not recognize the camera.</td>
<td>The USB cable is not correctly connected to the PC or camera.</td>
<td>Set up the camera, and connect the USB cable correctly.</td>
<td>143</td>
</tr>
<tr>
<td>Connecting to printer</td>
<td>Cannot print with PictBridge.</td>
<td>• The USB cable is not correctly connected to the printer or camera.</td>
<td>• Set up the camera, and connect the USB cable correctly.</td>
<td>134</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The printer is not turned on.</td>
<td>• Turn the printer on.</td>
<td></td>
</tr>
</tbody>
</table>

### Others

<table>
<thead>
<tr>
<th>Matters</th>
<th>Problems</th>
<th>Possible causes</th>
<th>Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camera operation etc.</td>
<td>Nothing happens when pressing the buttons on the camera.</td>
<td>Camera malfunction may be caused temporarily.</td>
<td>Briefly remove the battery or disconnect the AC power adapter. Then reload the battery or reconnect the AC power adapter and try again.</td>
<td>19, 133, 134</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The battery has run out.</td>
<td>Load new or fully charged battery.</td>
<td>18, 19</td>
</tr>
<tr>
<td></td>
<td>The camera no longer works correctly.</td>
<td>Camera malfunction may be caused temporarily.</td>
<td>Briefly remove the battery or disconnect the AC power adapter. Then reload the battery or reconnect the AC power adapter and try again. If you think the camera is faulty, contact your FUJIFILM dealer.</td>
<td>19, 133, 172</td>
</tr>
</tbody>
</table>
### Specifications

<table>
<thead>
<tr>
<th>System</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>Digital camera FinePix S100FS</td>
</tr>
<tr>
<td><strong>Effective pixels</strong></td>
<td>11.1 million pixels</td>
</tr>
<tr>
<td><strong>CCD</strong></td>
<td>2/3-inch Super CCD HR</td>
</tr>
<tr>
<td><strong>Storage media</strong></td>
<td>Internal memory (approx. 25 MB)/xD-Picture Card (16/32/64/128/256/512 MB/1 GB/2 GB)/ SD/SDHC Memory Card (FUJIFILM recommendation (→p.21))</td>
</tr>
<tr>
<td><strong>File format</strong></td>
<td>Still image: DCF-compliant&lt;br&gt;Compressed: Exif ver.2.2 JPEG, DPOF-compatible&lt;br&gt;Uncompressed: CCD-RAW (Original RAF format, the bundled FinePixViewer software required)&lt;br&gt;*Design rule for Camera File System compliant/DPOF compatible&lt;br&gt;Movie: AVI format, Motion JPEG&lt;br&gt;Audio: WAVE format, Monaural sound</td>
</tr>
<tr>
<td><strong>Number of recorded pixels</strong></td>
<td>Still image: 3840 × 2880 / 4032 × 2688 / 2816 × 2112 / 2048 × 1536 / 1600 × 1200 / 640 × 480&lt;br&gt;(11M / 8M / 6M / 3M / 2M / 1M)</td>
</tr>
<tr>
<td><strong>File size</strong></td>
<td>See the table on p.168</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>Fujinon 14.3x optical zoom lens&lt;br&gt;F2.8 (Wide-angle)-F5.3 (Telephoto)</td>
</tr>
<tr>
<td><strong>Focal length</strong></td>
<td>f=7.1 mm-101.5 mm&lt;br&gt;(Equivalent to approx. 28 mm-400 mm on a 35 mm camera)</td>
</tr>
<tr>
<td><strong>Digital zoom</strong></td>
<td>Approx. 2× (14.3x optical zoom lens is used together: Max. zoom scale: approx. 28.6x)</td>
</tr>
<tr>
<td><strong>Aperture</strong></td>
<td>F2.8 to F11 (Wide-angle)/ F5.3 to F11 (Telephoto) in 1/3 EV increments Manual/Auto selectable</td>
</tr>
<tr>
<td><strong>Focal range (from lens surface)</strong></td>
<td>Normal: Wide-angle: approx. 50 cm (1.6 ft.) to infinity (In High-speed shooting mode: approx. 2.0 m (6.6 ft.) to infinity)&lt;br&gt;Telephoto: approx. 2.5 m (8.2 ft.) to infinity (In High-speed shooting mode: approx. 5.0 m (16.4 ft.) to infinity)&lt;br&gt;Macro: Wide-angle: 10 cm to 3.0 m (3.9 in. to 9.8 ft.)&lt;br&gt;Telephoto: 90 cm to 3.0 m (3.0 ft. to 9.8 ft.)&lt;br&gt;Super macro: Approx. 1 cm to 1.0 m (0.4 in. to 3.3 ft.)&lt;br&gt;Focal length: fixed to approx. 28 mm (35 mm camera equivalent)</td>
</tr>
</tbody>
</table>

Continued ➔
<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System</strong></td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
</tr>
<tr>
<td><strong>Photometry</strong></td>
</tr>
<tr>
<td><strong>Exposure control</strong></td>
</tr>
<tr>
<td><strong>Scene position</strong></td>
</tr>
<tr>
<td><strong>Picture Stabilization</strong></td>
</tr>
<tr>
<td><strong>Intelligent Face Detection</strong></td>
</tr>
<tr>
<td><strong>Exposure compensation</strong></td>
</tr>
<tr>
<td><strong>Shutter speed</strong></td>
</tr>
<tr>
<td><strong>Continuous shooting</strong></td>
</tr>
<tr>
<td>System</td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td><strong>AE bracketing</strong></td>
</tr>
</tbody>
</table>
| **Focus**       | Mode: Single AF, Continuous AF, Manual focus  
AF system: TTL contrast-type, AF-assist illuminator  
AF frame selection: [CENTER], [MULTI], [AREA] |
| **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  
Effective range: ([AUTO]):  
Wide-angle: approx. 60 cm-7.2 m (2.0 ft.-23.6 ft.)  
Telephoto: approx. 2.5 m-3.8 m (8.2 ft.-12.5 ft.)  
(Macro):  
Wide-angle: approx. 30 cm-80 cm (1.0 ft.-2.6 ft.)  
Telephoto: approx. 90 cm-1.3 m (3 ft.-4.3 ft.) |
| **Flash mode**  | Red-eye removal set to OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro  
| **Viewfinder**  | 0.20 inches, approx. 200,000 dots (Each dot displays all R, G, and B colors consecutively), Approx. 100% coverage |
| **LCD monitor** | 2.5 inches, Aspect ratio: 4:3; approx. 230,000 dots amorphous silicon TFT color LCD monitor, Approx. 100% coverage |
| **Movie**       | 640 × 480 pixels/320 × 240 pixels (30 frames per second with monaural sound)                                                           |
| **Photography functions** | Film simulation, Dynamic range, Intelligent face detection, Red eye removal, High-speed shooting, Best framing, Frame No. memory, Histograms |
| **Playback functions** | Intelligent face detection, Red-eye removal, Micro thumbnails playback, Trimming, Slide Show, Multi-frame playback, Sorting by date, Image rotate, Histograms (Highlight warning), Voice memo |
| **Other functions** | PictBridge, Exif print, Language (日本語, English, Français, Deutsch, Español, Italiano, 中文简, 繁體, 한국어, Русский, Português, Nederlands, Türkçe, Česky, Magyar, Polski, Svenska), Time difference |

Continued ➤
### Specifications

#### Input/Output Terminal

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/V OUT (Audio/Visual output)</td>
<td>NTSC/PAL-type (with monaural sound)</td>
</tr>
<tr>
<td>Digital input/output</td>
<td>USB 2.0 Hi-Speed, PTP (Picture Transfer Protocol)/MTP (Media Transfer Protocol)</td>
</tr>
<tr>
<td>DC input socket</td>
<td>AC Power Adapter AC-84V (sold separately)</td>
</tr>
</tbody>
</table>

#### Power Supply and Others

**Power supply**

- Use one of the following:
  - Rechargeable battery NP-140 (supplied)
  - AC Power Adapter AC-84V (sold separately)

**Guide to the number of available frames for battery operation (fully charged)**

<table>
<thead>
<tr>
<th>Battery Type</th>
<th>With LCD monitor ON</th>
<th>With viewfinder (EVF) ON</th>
</tr>
</thead>
<tbody>
<tr>
<td>NP-140 (1150 mAh)</td>
<td>Approx. 250 frames</td>
<td>Approx. 250 frames</td>
</tr>
</tbody>
</table>

According to the CIPA (Camera & Imaging Products Association) standard procedure for measuring digital still camera battery consumption (extract):

- Use the battery supplied with the camera. 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 battery, the figures shown here for the number of available shots using battery is not guaranteed. The number of available shots will also decline at low temperatures.

**Camera dimensions (W/H/D)** 133.4 mm × 93.6 mm × 150.4 mm/5.3 in. × 3.7 in. × 5.9 in. (not including accessories and attachments)

**Camera mass (weight)** Approx. 918 g/32 oz. (not including accessories, battery and Memory Card)

**Weight for photography** Approx. 968 g/34 oz. (including battery and Memory Card)

**Operating Conditions** Temperature: 0°C to +40°C (+32°F to +104°F) 80% humidity or less (no condensation)
Battery NP-140

Nominal voltage  DC 7.2V  
Nominal capacity  1150 mAh  
Operating temperature  0°C to +40°C (+32°F to +104°F)  
Dimensions  35.5 mm × 56.0 mm × 13.3 mm (1.4 in. × 2.2 in. × 0.5 in.) (W × H × D)  
Mass (Weight)  Approx. 47 g (1.5 oz.)

Battery Charger BC-140

Rated input  100-240 V AC, 50/60 Hz  
Input capacity  7.8 W  
Rated output  DC 8.4 V, 720 mA  
Applicable batteries  Rechargeable Battery NP-140  
Charging time  Approx. 2.1 hrs.  
Operating temperatures  0°C to +40°C (+32°F to +104°F)  
Dimensions  68 mm × 84 mm × 28 mm (2.7 in. × 3.3 in. × 1.1 in.) (W × H × D)  
Mass (Weight)  Approx. 83 g (2.7 oz.) (not including battery)

Notes on Using the Battery Charger

- The battery and battery charger themselves will become warm due to the power stored inside them. This is normal and does not indicate a fault. Wherever possible, use the battery charger in a well-ventilated location.
- There may be vibration noises from inside the battery charger during use. This is normal and does not indicate a fault.
- Do not use the battery charger to charge batteries other than rechargeable battery NP-140.
- The battery charger could cause interference if placed close to a radio during charging. In this event, move the radio and charger further apart.
- Do not leave the battery charger in the following types of locations:
  - Extremely humidity or high temperatures, such as close to a heating appliance or in direct sunlight
  - Places with strong vibration
  - In very dusty places
- The battery charger accepts input voltages of 100-240 V AC at 50 or 60 Hz and can be used all over the world. However, the shape of the plug and socket-outlet depends on the country of use. Consult your travel agent for details.

Continued ➔
Specifications

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

  The number of available frames and recording time is approximate. Actual number of frames and recording time varies depending on the types of Memory Card or shooting condition. Also, the number of frames and recording time displayed in the LCD monitor may not decrease regularly.

<table>
<thead>
<tr>
<th>Quality setting</th>
<th>11M F</th>
<th>11M N</th>
<th>3:2</th>
<th>6M</th>
<th>3M</th>
<th>2M</th>
<th>RAW</th>
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<th>320 (30 fps)</th>
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<td>2816 x 2112</td>
<td>2048 x 1536</td>
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<td>650 KB</td>
<td>150 KB</td>
<td>23.2 MB</td>
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<td>8 sec.</td>
<td>9 sec.</td>
<td>16 sec.</td>
<td>31 sec.</td>
<td>38 sec.</td>
<td>170 sec.</td>
<td>1 sec.</td>
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<td>23 sec.</td>
<td>98 sec.</td>
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<td>47 sec.</td>
<td>85 sec.</td>
<td>156 sec.</td>
<td>194 sec.</td>
<td>798 sec.</td>
<td>5 sec.</td>
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<tr>
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<td>93 sec.</td>
<td>94 sec.</td>
<td>171 sec.</td>
<td>313 sec.</td>
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<td>1597 sec.</td>
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<td>186 sec.</td>
<td>189 sec.</td>
<td>343 sec.</td>
<td>626 sec.</td>
<td>779 sec.</td>
<td>3194 sec.</td>
<td>22 sec.</td>
<td>7.4 min.</td>
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<tr>
<td>2 GB</td>
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<td>743 sec.</td>
<td>761 sec.</td>
<td>1360 sec.</td>
<td>2460 sec.</td>
<td>3046 sec.</td>
<td>12794 sec.</td>
<td>88 sec.</td>
<td>29.9 min.</td>
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<td>737 sec.</td>
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<td>2952 sec.</td>
<td>12401 sec.</td>
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<td>1477 sec.</td>
<td>2640 sec.</td>
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<td>24819 sec.</td>
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<td>11858 sec.</td>
<td>49805 sec.</td>
<td>343 sec.</td>
<td>116.6 min.*2</td>
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</table>

*1 The number of recorded pixels is 5440 x 4080 when an image is displayed on your computer using the bundled software.

*2 A movie recording will stop automatically when a movie file becomes approx. 2GB. If you want to continue recording another movie, press the shutter button again. The available recording time is displayed based on approx. 2GB.
If you shoot using the **xD-Picture Cards** with model numbers containing “M” such as DPC-M1GB, movie recording time may be reduced if you repeatedly record and erase (frame erase) image files. In such a case, erase all frames or format the **xD-Picture Card** before use. Back up important frames (files) onto your PC or another media.

* 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.
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

<table>
<thead>
<tr>
<th>Country</th>
<th>Name</th>
<th>Address</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
</tr>
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<tbody>
<tr>
<td>Canada</td>
<td>FUJIFILM Canada Inc.</td>
<td>600 Suffolk Court Mississauga Ontario, L5R 4G4</td>
<td>TEL 1-866-818-FUJI (3854)</td>
<td><a href="http://www.fujihelp.ca">http://www.fujihelp.ca</a></td>
<td></td>
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### U.S.A.

<table>
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<tr>
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<tr>
<td></td>
<td>FUJIFILM U.S.A., Inc.</td>
<td>1100 King George Post Rd., Edison, NJ 08837</td>
<td>TEL 800-800-3854</td>
<td>FAX 732-857-3487</td>
<td><a href="mailto:digitalinfo@fujifilm.com">digitalinfo@fujifilm.com</a></td>
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### CENTRAL & SOUTH AMERICA

<table>
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<tr>
<td>Argentina</td>
<td>Imagen e informacion S.A.</td>
<td>Fondo de la Legua 936 San Isidro Pcia. de Buenos Aires</td>
<td>TEL +54-11-4836-1000</td>
<td>FAX +54-11-4836-1144</td>
<td><a href="mailto:servtecm@imageninformacion.com.ar">servtecm@imageninformacion.com.ar</a></td>
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<tr>
<td>Bolivia</td>
<td>Reifschneider Bolivia Ltda.</td>
<td>Calle H N.° 5 - Equipetrol Norte - Santa Cruz</td>
<td>TEL +591 33 44 1129</td>
<td>FAX +591 33 45 2919</td>
<td><a href="mailto:gciagral@bibosi.scz.entelnet.bo">gciagral@bibosi.scz.entelnet.bo</a></td>
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<tr>
<td>Brazil</td>
<td>FUJIFILM do Brasil Ltda.</td>
<td>Av. Vereador José Diniz, 3400 - Campo Belo, São Paulo/SP</td>
<td>TEL 0800-12-8600</td>
<td>FAX +55 11 5091-4150</td>
<td><a href="mailto:camarasdigitais@fujifilm.com.br">camarasdigitais@fujifilm.com.br</a></td>
</tr>
<tr>
<td>Chile</td>
<td>Reifschneider SA</td>
<td>Av. El Conquistador del Monte 5024, Huechuraba, Santiago, Chile</td>
<td>TEL 02-4431500</td>
<td>FAX 02-4431596</td>
<td><a href="mailto:ceciliacalvo@reifschneider.cl">ceciliacalvo@reifschneider.cl</a></td>
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<tr>
<td>Colombia</td>
<td>Animex de Colombia Ltda.</td>
<td>Calle 44 N.° 13-43 Piso 2 Apartado 18001 - Bogotá</td>
<td>TEL +57 1 338-0299</td>
<td>FAX +57 1 288-2208</td>
<td><a href="mailto:animex@etb.net.co">animex@etb.net.co</a></td>
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<tr>
<td>Ecuador</td>
<td>Espacri Cia Ltda</td>
<td>Bolivar 5-69 y Hermano Miguel</td>
<td>TEL 593-72-835526</td>
<td>FAX 593-72-833157</td>
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<td>Ecuador</td>
<td>Importaciones Espacri Cia. Ltda</td>
<td>Simón Bolivar 5-69 y Hno. Miguel - Cuenca</td>
<td>TEL +593 783 5526</td>
<td>FAX +593 783 3157</td>
<td><a href="mailto:portiz@fujifilm.com.ec">portiz@fujifilm.com.ec</a></td>
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<tr>
<td>Mexico</td>
<td>Fujifilm de Mexico, S.A. de C.V.</td>
<td>Av. Ejército Nacional 351, Col. Granada 11520 Mexico, D.F.</td>
<td>TEL (52-55) 5263-5566 / 68</td>
<td>FAX (52-55) 5254-1508</td>
<td><a href="mailto:jlgiraud1@fujifilm.com.mx">jlgiraud1@fujifilm.com.mx</a></td>
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<p>| Mexico    | Repair service              | Av. Presidente Juárez 2007, Col. Tepetlacalco, 54090 Tlalnepantla, Edo. de Mexico | TEL (52-55) 5263-5500 | FAX (52-55) 5254-1508 | <a href="mailto:jlgiraud1@fujifilm.com.mx">jlgiraud1@fujifilm.com.mx</a> |</p>
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<tr>
<td>Paraguay</td>
<td>Errece S.R.L.</td>
<td>Edificio Unitas 15 de Agosto 1035, Asunción</td>
<td>TEL +595 21 444256  FAX +595 21 444651  <a href="mailto:jmarbulo@fujifilm.com.py">jmarbulo@fujifilm.com.py</a></td>
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<tr>
<td>Peru</td>
<td>Procesos de Color S.A.</td>
<td>Pablo Bermudez 111 Apartado 3794 - Esq.  Arequipa - Lima 11</td>
<td>TEL +51 14 33 5563  FAX +51 14 33 7177  <a href="mailto:jalvarado@fujifilm.com.pe">jalvarado@fujifilm.com.pe</a></td>
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<td>Uruguay</td>
<td>Fotocamara S.R.L.</td>
<td>Cuareim 1439, montevideo, Uruguay</td>
<td>TEL +598-2-9002004  FAX +598-2-9008430  <a href="mailto:fotocam@adinet.com.uy">fotocam@adinet.com.uy</a></td>
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<tr>
<td>Uruguay</td>
<td>Kiel S.A.</td>
<td>Maldonado 1787 Montevideo- Uruguay</td>
<td>TEL (05982) 419 4542  FAX (05982) 412 0046  <a href="mailto:kiel@fujifilm.com.uy">kiel@fujifilm.com.uy</a></td>
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<tr>
<td>Venezuela</td>
<td>C. Hellmund &amp; Cia Sa</td>
<td>Av. Ppal Diego Cisneros Caracas Venezuela Edif Oficentro</td>
<td>TEL 0212-2022300  FAX 0212-2399796  <a href="mailto:hellmund@hellmund.com">hellmund@hellmund.com</a></td>
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<tr>
<td>Europe</td>
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<tr>
<td>Austria</td>
<td>Fuji Film Oesterreich</td>
<td>Traviatagasse/Pfarrgasse, 1230 Vienna, Austria</td>
<td>TEL 0043 1 6162606/51 or 52  FAX 0043 1 6162606/58  <a href="mailto:kamera.service@fujifilm.at">kamera.service@fujifilm.at</a></td>
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<tr>
<td>Belgium</td>
<td>Belgian Fuji Agency</td>
<td>20, Avenue Lavoisier, Wavre, 1300, Belgium</td>
<td>TEL 3210242090  FAX 3210238562  <a href="mailto:info@fuji.be">info@fuji.be</a></td>
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<tr>
<td>Croatia</td>
<td>I&amp;I d.o.o.</td>
<td>Hondlova 2, Zagreb, Croatia</td>
<td>TEL 38512319060  FAX 2310240  <a href="mailto:dsaravanja@fujifilm.hr">dsaravanja@fujifilm.hr</a></td>
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<td></td>
<td>Repair service</td>
<td>Hondlova 2, Zagreb, Croatia</td>
<td>TEL 38512316228  FAX 2310240  <a href="mailto:info@fujifilm.hr">info@fujifilm.hr</a></td>
</tr>
<tr>
<td>Cyprus</td>
<td>PMS IMAGING LTD</td>
<td>11, Dighenis Akritas Avenue, P.O.BOX 22315, 1586 Nicosia</td>
<td>TEL 35722746746  FAX 35722438209  <a href="mailto:mariosashiotis@fujifilm.com.cy">mariosashiotis@fujifilm.com.cy</a></td>
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<tr>
<td>Cyprus</td>
<td>Doros Neophytou</td>
<td>28B, Agiou Demetriou, Acropoli, Nicosia</td>
<td>TEL 35722314719  FAX 35722515562  <a href="mailto:dorosn@logosnet.cy.net">dorosn@logosnet.cy.net</a></td>
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<tr>
<td>Czech Republic</td>
<td>Fujifilm Cz., s.r.o.</td>
<td>U nakladoveho nadrazi 2/1949, 130 00 Praha 3</td>
<td>TEL 00420 234 703 411  FAX 00420 234 703 489  <a href="mailto:fricman@fujifilm.cz">fricman@fujifilm.cz</a></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>AWH servis</td>
<td>Milesovska 1, 130 00 Praha 3, Czech republic</td>
<td>TEL 00420 222 721 525  FAX 00420 222 720 122  <a href="mailto:awh@awh.cz">awh@awh.cz</a></td>
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<tr>
<td>Denmark</td>
<td>Fujifilm Danmark A/S</td>
<td>Stubbeled 2, 2950 Vedbaek Denmark</td>
<td>TEL 0045 45662244  FAX 0045 45662214  <a href="mailto:fujifilm@fujifilm.dk">fujifilm@fujifilm.dk</a></td>
</tr>
<tr>
<td>Finland</td>
<td>Fuji Finland Oy</td>
<td>Martinkyläntie 41, 01720 Vantaa, Finland</td>
<td>TEL +358 9 825951  FAX +358 9 870 3818  <a href="mailto:fuji@fuji.fi">fuji@fuji.fi</a></td>
</tr>
<tr>
<td>France</td>
<td>FUJIFILM France</td>
<td>9 rue d’Alembert BAT A1 ZA Pissaloup 78190 Trappes, France</td>
<td>FAX 33 1 01 30 58 58 <a href="mailto:65direction.technique@pm2s.fr">65direction.technique@pm2s.fr</a></td>
</tr>
<tr>
<td>Country</td>
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<td>Address</td>
<td>Support &amp; Repair Information</td>
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<tr>
<td>-----------</td>
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</tr>
<tr>
<td>Germany</td>
<td>FUJIFILM Electronic Imaging Europe GmbH</td>
<td>Benzstrasse 2, 47533 Kleve, Germany</td>
<td>International call TEL +49 211 50890 FAX +49 211 5089668 <a href="mailto:service@fujifilm.de">service@fujifilm.de</a> National call* TEL 0180 5898980 FAX 0180 5898982 *12 Cent/Min aus dem deutschen Festnetz</td>
</tr>
<tr>
<td>Greece</td>
<td>FUJIFILM HELLAS S.A.</td>
<td>1, Ihous &amp; Ag, Anargiron str., 175 64 P.Phaliro, Athens, Greece</td>
<td>TEL 0030 210 9404100 FAX 0030 210 9404397 <a href="mailto:fujifilm@fujifilm.gr">fujifilm@fujifilm.gr</a></td>
</tr>
<tr>
<td>Hungary</td>
<td>Fujifilm Hungary Ltd.</td>
<td>Vaci ut 19, Budapest, 1134, Hungary</td>
<td>TEL 3612389410 FAX 3612389401 <a href="mailto:fujifilm@fujifilm.hu">fujifilm@fujifilm.hu</a></td>
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<tr>
<td>Iceland</td>
<td>Icephoto (Ljosmyndavur)</td>
<td>Skipholt 31, 105 Reykjavik, Iceland</td>
<td>TEL 354 568 0450 FAX 354 568 0455 <a href="mailto:framkollun@fujifilm.is">framkollun@fujifilm.is</a></td>
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<td>Italy</td>
<td>FujiFilm Italia S.p.A.</td>
<td>Via Dell’Unione Europea, 4 - 20097 San Donato Milanese (MI), Italy</td>
<td>TEL 039-02895821 FAX 039-0289582912 <a href="mailto:info@fujifilm.it">info@fujifilm.it</a></td>
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<tr>
<td>Lithuania</td>
<td>Fujifilm Lithuania</td>
<td>Gerosios Vilties str. 38, LT-03143 Vilnius, Lithuania</td>
<td>TEL 370-5-2130121 FAX 3705-5-2134066 <a href="mailto:info@fujifilm.lt">info@fujifilm.lt</a></td>
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<td>Malta</td>
<td>Ciancio (1913) Co.Ltd.</td>
<td>Fuji Tech Centre, Ciancio House, Cannon Road, Qormi, QRM05</td>
<td>TEL 0356-21-480500 FAX 0356-21-488328 <a href="mailto:info@fujifilm.com.mt">info@fujifilm.com.mt</a></td>
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<td>Norway</td>
<td>Fujifilm Norge AS</td>
<td>Lilleakerveien 10, 0283 Oslo, Norway</td>
<td>TEL 0047-02273 FAX 0047-22736020 <a href="http://www.fujifilm.no/">http://www.fujifilm.no/</a> <a href="mailto:post@fujifilm.no">mailto:post@fujifilm.no</a></td>
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<td>TEL 0047-55393880 FAX 0047-55195201 <a href="http://www.camera.no/">http://www.camera.no/</a> <a href="mailto:service@camera.no">mailto:service@camera.no</a></td>
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<td>Poland</td>
<td>Fujifilm Polska Distribution Sp. z o.o.</td>
<td>Poland Al.,Jerozolimskie 178; 02-486 Warszawa</td>
<td>TEL +48-22-517-66-00 FAX +48-22-517-66-02 <a href="mailto:fujifilm@fujifilm.pl">fujifilm@fujifilm.pl</a></td>
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<td>Repair service</td>
<td>TEL +48-22-866-94-40 FAX +48-22-866-94-42 <a href="mailto:servis@fujifilm.pl">servis@fujifilm.pl</a></td>
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<td>Portugal</td>
<td>Fujifilm Portugal, Lda</td>
<td>Av. Fontes Pereira de Melo, 342, 4100-259 Porto, Portugal</td>
<td>TEL (351) 226194200 FAX (351) 226194213 <a href="mailto:finepix@fujifilm.pt">finepix@fujifilm.pt</a></td>
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<tr>
<td>Romania</td>
<td>CTS-Cardinal Top Systems Ltd</td>
<td>112, Calea Dorobanti street, 4 flat, 1sector, Bucharest, Romania</td>
<td>TEL 4021-230-09-82 FAX 4021-230-09-82 <a href="mailto:cts_tirla@hotmail.com">cts_tirla@hotmail.com</a></td>
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<td>Russia</td>
<td>ZAO “Fujifilm RU”</td>
<td>Bld. 1, 10, Rozanova str., Moscow, 123007, Russia</td>
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<td>Switzerland /</td>
<td>Fujifilm (Switzerland) AG</td>
<td>Niederhaslistrasse 12, 8157 Dietlikon, Switzerland</td>
<td>+41 44 855 5154</td>
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<td>Lichtenstein</td>
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<td>The Netherlands</td>
<td>FUJIFILM Electronic Imaging Nederland</td>
<td>Hoogstraat 35, 3011 PE Rotterdam, Nederlands</td>
<td>+31(0)102812500</td>
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<td>Turkey</td>
<td>Fujifilm Turkiye Sinto A.S.</td>
<td>Fujifilm Plaza, Dereboyu Cad. 39 34660 Halkali, Istanbul, Turkey</td>
<td>+90 212 696 5090</td>
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<tr>
<td>U.K.</td>
<td>FUJIFILM UK Ltd.</td>
<td>St Martins Way St Martins Business Centre Bedford MK42 0LF</td>
<td>+44 (0)123 424 5383</td>
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<td>Ukraine</td>
<td>Image Ukraine CJSC</td>
<td>12, Kontraktova ploshcha, Kyiv 04070, Ukraine</td>
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<td>Tehran Fuka Co.</td>
<td>229, “Fuji” Bldg., Mirdamad Blvd., Tehran 19189, Iran</td>
<td>Technical support &amp; Repair service</td>
<td>(+98-21)2254810-19</td>
<td>(+98-21)2221002</td>
<td><a href="mailto:fuka@neda.net">fuka@neda.net</a></td>
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<td>Israel</td>
<td>Shimone Group Ltd.</td>
<td>Efal 33 keyriat Arie Petah Tikva 49130, Israel</td>
<td>Technical support</td>
<td>(+972) 3 9250666</td>
<td><a href="mailto:digital@fujifilm.co.il">digital@fujifilm.co.il</a></td>
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<td>Al-Shahbandar P.O. Box:31180 Damascus SYRIA</td>
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<td>Yemen</td>
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<td>Foto Express Egypt</td>
<td>426 Pyramids St., Giza, Egypt</td>
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<td>TEL (202) 7762062</td>
<td>FAX (202) 7760169</td>
<td><a href="mailto:fotoegypt@access.com.eg">fotoegypt@access.com.eg</a></td>
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<tr>
<td>Kenya</td>
<td>Fuji Kenya Ltd</td>
<td>P.O.Box 41669-00100, Fujifilm Plaza, Chiromo Road, Nairobi, Kenya.</td>
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<td>TEL (254-20)4446265-8</td>
<td>FAX (254-20)4448515</td>
<td><a href="mailto:info@fujifilm.co.ke">info@fujifilm.co.ke</a></td>
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<td>FUJIFILM Australia Pty Ltd</td>
<td>Locked Bag 5100, Brookvale, NSW, 2100</td>
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<td>TEL 1800 226 355</td>
<td>FAX +61 (2) 9466 2854</td>
<td><a href="mailto:digital@fujifilm.com.au">digital@fujifilm.com.au</a></td>
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<tr>
<td>Fiji</td>
<td>Brijlal &amp; Co. Ltd</td>
<td>70-72 Cumming Street, Suva, Fiji</td>
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<td>TEL (679)3304133</td>
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<td>58, rue Higginson - B.P.661 - 98845</td>
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<td>TEL (00 687) 25-46-35</td>
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<td>Cnr William Pickering &amp; Bush Road Albany, Auckland</td>
<td>TEL +64-9-4140400 FAX +64-9-4140410 <a href="mailto:glenn.beaumont@fujifilm.co.nz">glenn.beaumont@fujifilm.co.nz</a></td>
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<td>Papua New Guinea</td>
<td><strong>Oceania PNG Limited</strong></td>
<td>Section 15, Allotment 1, Reke St, Boroko NCD. PNG.</td>
<td>TEL +675 3256411 FAX +675 3250311 <a href="mailto:oceania@daltron.com.pg">oceania@daltron.com.pg</a></td>
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<td>8/F., TSUEN WAN IND. CENTRE, 220 TEXACO RD., TSUEN WAN, HONG KONG</td>
<td>TEL (852)2406 3287 FAX (852)2408 3130 <a href="mailto:rsd@chinahkphoto.com.hk">rsd@chinahkphoto.com.hk</a></td>
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<tr>
<td>Indonesia</td>
<td><strong>PT Modern Photo Tbk</strong></td>
<td>Jl. Matraman Raya 12, Jakarta Timur 13150</td>
<td>TEL +62 021 2801000 FAX +62 021 8581620 +62 021 2801012</td>
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<td>Malaysia</td>
<td><strong>FUJIFILM (Malaysia) Sdn. Bhd.</strong></td>
<td>Letter Box 1, Level 10, 11 &amp; 12, Menara Axis, No 2, Jalan 51A/223, 46100 Petaling Jaya, Selangor Darul Ehsan, Malaysia</td>
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<td>TEL 603-79584700 FAX 603-79584110 <a href="mailto:repair@fujifilm.com.my">repair@fujifilm.com.my</a></td>
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<td>Philippines</td>
<td><strong>YKL Development &amp; Trdg. Corp.</strong></td>
<td>24 Sto. Domingo St., Quezon City 1100, Philippines</td>
<td>TEL 632-7436601~06 FAX 632-7324661 <a href="mailto:digital@yklcolor.com">digital@yklcolor.com</a></td>
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<td>TEL 632-7436601~06 FAX 632-7324661 <a href="mailto:tech_services@yklcolor.com">tech_services@yklcolor.com</a></td>
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<td>Singapore</td>
<td><strong>FUJIFILM (Singapore) Pte Ltd</strong></td>
<td>10 New Industrial Road Fujifilm Building Singapore 536201</td>
<td>TEL 65-6380 5557 FAX 65-6281 3594 <a href="mailto:service@fujifilm.com.sg">service@fujifilm.com.sg</a></td>
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<td>South Korea</td>
<td><strong>Korea Fujifilm Co., Ltd.</strong></td>
<td>30-1, Mukjeung-dong, Jung-gu, Seoul, Korea</td>
<td>TEL +82-2-3282-7363 FAX +82-2-2269-7435 <a href="mailto:photo@fujifilm.co.kr">photo@fujifilm.co.kr</a></td>
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<td><strong>Yonsan AS Center (Fujidigital)</strong></td>
<td>#301, 3F, Jeonjaland, 16-9, Hangangro3-ga, Yongsan-gu, Seoul, Korea</td>
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<td>Taiwan</td>
<td><strong>Hung Chong Corp.</strong></td>
<td>No. 38, Min-Chuan E. Rd. Sec. 6, Taipei (114), Taiwan, R.O.C.</td>
<td>TEL 886-2-6602-8988 FAX 886-2-2791-8647 <a href="mailto:dah@mail.hungchong.com.tw">dah@mail.hungchong.com.tw</a></td>
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<td>Thailand</td>
<td><strong>FUJIFILM (Thailand) Ltd.</strong></td>
<td>388 SP Building, 8th Floor, Phayathai, Bangkok 10400</td>
<td>TEL +662-2730029 ext. 755 FAX +662-2730239 <a href="mailto:supaleark@fujifilm.co.th">supaleark@fujifilm.co.th</a></td>
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<td><strong>Repair service</strong></td>
<td>388 SP Building, 8th Floor, Phayathai, Bangkok 10400</td>
<td>TEL +662-2730029 ext.761,762 FAX +662-2730239 <a href="mailto:warin@fujifilm.co.th">warin@fujifilm.co.th</a></td>
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<td>Vietnam</td>
<td><strong>International Minh Viet Co., Ltd.</strong></td>
<td>99-107 Bach Van street, Ward 5, District 5, Ho chi minh city</td>
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<td>Technical support &amp; Repair service</td>
<td>TEL +84-8-8366807 ext.122 FAX +84-8-8380621 <a href="mailto:diep.phanthithanh@imv.com.vn">diep.phanthithanh@imv.com.vn</a></td>
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**IMPORTANT SAFETY INSTRUCTIONS**

**Read Instructions:** All the safety and operating instructions should be read before the appliance is operated.

**Retain Instructions:** The safety and operating instructions should be retained for future reference.

**Heed Warnings:** All warnings on the appliance and in the operating instructions should be adhered to.

**Follow Instructions:** All operating and use instructions should be followed.

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**Installation**

**Power Sources**—This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video products intended to be operated from battery power, or other sources, refer to the operating instructions.

**Grounding or Polarization**—This video product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

**Alternate Warnings**—This video product is equipped with a 3-wire grounding-type plug, a plug having a third (grounding) pin. This plug will fit only into a grounding type outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

**Overloading**—Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

**Ventilation**—Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered. This video product should not be placed near or over a radiator or heat register.

**Attachments**—Do not use attachments not recommended by the video product manufacturer as they may create a hazard.

**Water and Moisture**—Do not use this video product near water — for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

**Power-Cord Protection**—Power-Supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

**Accessories**—Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer’s instructions, and should use a mounting accessory recommended by the manufacturer.

**Cleaning**—Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

**Object and Liquid Entry**—Never push objects of any kind into this video product through openings as they may touch dangerous voltage points or shortout parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.

**Lighting**—For added protection for this video product during a lightning storm, or if it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system.

**Servicing**—Do not attempt to service this video product yourself as this can result in a risk of fire or electric shock. If liquid has spilled, or objects have fallen into the video product, refer servicing to qualified service personnel.

**Damage Requiring Service**—Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has spilled, or objects have fallen into the video product.
- If the video product has been exposed to rain or water.
- If the video product does not operate normally when the operating instructions are followed.

**Replacement Parts**—When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or has the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

**Safety Check**—Upon completion of any service or repair to this video product, ask the service technician to perform safety checks to determine that the video product is in proper operating condition.

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**Notes on Copyright**

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

**Handling Your Digital Camera**

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.

- 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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**Trademark Information**

*xD-Picture Card™* are trademarks of FUJIFILM Corporation.

*IBM, iPad, and iPad Mini are registered trademarks of International Business Machines Corp. of the U.S.A.*

*Macintosh, Power Macintosh, iMac, PowerBook, iBook and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.*

*Microsoft, Windows, the Windows logo, Windows Vista and the Windows Vista logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Windows is an abbreviation term referring to the Microsoft Windows Operating System.*

*The “Designed for Microsoft Windows XP” logo refers to the camera and the driver only.*

*IrSimple™ Trademark is owned by the Infrared Data Association.*

*IrSS™ Trademark or IrSimpleShot™ Trademark is owned by the Infrared Data Association*.

*SDHC logo is a trademark.*

*Other company or product names are trademarks or registered trademarks of the respective companies.*

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**Notes and Cautions**

- Also, read the back page.

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**FUJIFILM**

FUJIFILM Corporation
7-3, AKASAKA 9-Chome, MINATO-KU, TOKYO 107-0002, JAPAN
Do not use the power supply other than those specified in the Owner's Manual. Damage may result if the power supply is not used correctly.

**WARNING**

- Do not use the camera near water, in hot locations, or on a vehicle. Turn it off before using it in a humid place.
- Do not use or store the camera in a humid place, as it may cause a fire or electric shock.
- If a battery is stored for long periods while charged, the battery will be used up more quickly. The life of batteries you purchase may be shorter than those specified here.
- The life of alkaline batteries varies between brands.

**CAUTION**

- Do not attempt to take apart or change the battery. Do not attempt to take apart or change the battery of the camera. This can cause injury.
- Do not use or store the battery in an area with clean water and seek medical attention if you come in contact with water.

- Do not use the camera in the bathroom or near water.
- Do not use the camera in locations such as a sealed vehicle or in direct sunlight. Do not leave the camera in locations such as a sealed vehicle or in direct sunlight, as the performance of the battery is reduced. A fuse or the battery may become discolored.

- Do not use the camera in cold conditions, as the batteries charge less reducing the life of the battery.
- If the battery leaks and fluid gets in contact with your eyes, skin, or clothing, consult a physician immediately.

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