Safety Precautions

Be sure to read, understand and follow the safety precautions below when using the camera, in order to prevent injury, burns or electrical shock to yourself and others.

Be sure to also read the safety precautions listed in the Advanced Camera User Guide.

Warnings

- Do not trigger the flash in close proximity to human or animal eyes.
- Store this equipment out of the reach of children and infants.
- Avoid dropping or subjecting the camera to severe impacts. Do not touch the flash portion of the camera if it has been damaged.
- Stop operating the equipment immediately if it emits smoke or noxious fumes.
- Do not handle the power cord if your hands are wet.

This guide explains how to prepare the camera and use its basic features.
Flowchart and Reference Guides

The following guides are available. Refer to them as necessary according to the flowchart below.

For information on included items and items sold separately

System Map

Preparations
• Installing the battery and memory card
• Setting the date, time and language

Basic Camera User Guide (This Guide)
• Read this first.

Shooting
Playback/Erasing

Menus and Settings

Advanced Camera User Guide

Handling precautions, references to the various shooting and playback functions

Direct Print User Guide

Printing

Basic Camera User Guide (This Guide)

Software Starter Guide

• Installing the software
• Downloading images to a computer
• Using the software

ZoomBrowser EX/ ImageBrowser Software User Guide
• PDF manuals available on the Canon website. http://web.canon.jp/Imaging/information-e.html

You can use SD* memory cards and MultiMediaCards with this camera. These cards are collectively called memory cards in this guide.

* SD stands for Secure Digital, a copyright protection system.
Preparations

Installing the Battery and Memory Card

1. Open memory card slot/battery cover.

2. Insert the batteries, and insert the memory card until it clicks into place, then close the cover.

- (-) Negative end
- (+) Positive end

See the Advanced Guide: Battery Handling (p. 83)
See the Advanced Guide: Handling the Memory Card (p. 85)

Ensure that the memory card is correctly oriented before inserting it in the camera. It may damage the camera if inserted incorrectly.
To Remove the Memory Card

Use a finger to push the memory card in until you hear a click, then release it.

First Time Settings

Setting the Date/Time

1 Press the power button until the upper indicator lights green.

To turn the power off, press the power button once more. Hold down the MENU button and press the power button to turn off all operation sounds (except warnings).

2 Select the item you wish to set using the < or > button and set its value using the ▲ or ▼ button (1).

3 Confirm that the correct time is displayed and press the FUNC./SET button (2).

The date/time can also be set in the Set up menu (p. 11)
Setting the Display Language

1. Set the mode dial to (playback) (1).

2. Hold down the FUNC./SET button (2) and press the MENU button (3).

3. Use the ▲, ▼, ◀ or ► button (4) to select a language and press the FUNC./SET button (2).

The language can also be set in the Set up menu (p. 11)
Shooting

1 Set the mode dial to (Auto).

2 Aim the camera at the subject.
   Be careful not to block the flash with your finger.

3 Press the shutter button halfway to focus.
   The camera beeps twice and the upper indicator lights green when the camera focuses.

4 Press the shutter button fully (all the way) to shoot.
   The camera will beep once and the image will record.

See Basic Shooting Functions (p. 5)
See the Advanced Guide to verify the advanced shooting method.
See the Advanced Guide: Movie Shooting (p. 37)
Reviewing an Image Right After Shooting

After a shot is taken, the image appears in the LCD monitor for approximately 2 seconds.
To override this time limit and continue displaying the image, use one of the following methods:

- Keep the shutter button fully depressed after taking the shot.
- Pressing the FUNC./SET button while the image is displayed in the LCD monitor.*

Press the shutter button halfway again to stop displaying it.

* This operation is not available in the stitch assist mode (p. 6)

See the Advanced Guide: Changing the Review Duration (p. 24)

Basic Shooting Functions

Selecting a Shooting Mode

Use the mode dial and menu to select the Shooting modes.

Mode Dial

**AUTO**
The camera automatically selects settings.

**MANUAL**
You can manually adjust the exposure, white balance, photo effects, shooting panorama composition images ( , ) and other settings before shooting. 5 modes are available with this camera.

**SCN**
Special Scene
8 scene modes to shoot with the most appropriate settings for the scene are available with this camera.

MOVIE
3 movie modes are available with this camera (you cannot record audio).

See the Advanced Guide: Shooting in Manual Mode (p. 31)
See the Advanced Guide: Movie Shooting (p. 37)
Selecting a Shooting Mode

In the 📷M, SCN, and 📷 modes, the same procedure is used for selecting shooting modes. The following explanation uses the 📷M mode as an example.

1. Set the mode dial to 📷M (①).

2. Press the FUNC./SET button (②).

3. Use the ◀ or ▶ button to select a shooting mode (③).

4. Press the FUNC./SET button (④).

### 📷M Mode Items

- **Manual**
  
  Allows you to select settings yourself, such as the exposure compensation, white balance or photo effect.

  ➤ See the Advanced Guide (p. 31)

- **Super Macro**
  
  Allows you to take magnified shots of subjects closer than standard Macro mode (p. 9).

  Shooting is possible when the distance from the front of the lens to the subject is in the following range: 1.5 to 5 cm (0.6 to 2 in.) (maximum wide angle)

  ➤ See the Advanced Guide (p. 31)

- **My Colors**
  
  Allows you to change the image colors easily with 8 modes.

  ➤ See the Advanced Guide (p. 49)

- **Stitch Assist**
  
  Use this mode when taking shots that you want to combine into a panorama.

  ➤ See the Advanced Guide (p. 39)

### Movie Mode Items

Allows you to shoot a movie just by pressing the shutter button.

The following three movie modes are available:

- **Standard**
- **Compact** for sending movies as e-mail attachments
- **My Colors** to change image colors easily.
Special Scene Mode Items

**Portrait**
Blurs the background and makes a person stand out.

**Night Snapshot**
Allows you to take snapshots of people against twilight or night backgrounds by reducing the effects of camera shake even without using a tripod.

**Kids&Pets**
Allows you to capture subjects that move around, such as children and pets, without missing photo opportunities.

**Indoor**
Prevents camera shake and maintains the subject's true color when shooting under fluorescent or tungsten lighting.

**Foliage**
Shoots trees and leaves - such as new growth, autumn leaves or blossoms - in vivid colors.

**Snow**
Shoots without a blue tinge and without making people appear dark against a snowy background.

**Beach**
Shoots without making people appear dark near water or sand where reflected sunlight is strong.

**Fireworks**
Captures fireworks in the sky sharply and at an optimal exposure.

Using the Zoom

The zoom can be adjusted from 41 – 131 mm in 35 mm film equivalent terms.

- **Telephoto**
  Zooms in on the subject.

- **Wide Angle**
  Zooms out from the subject.
Using the Flash

Red-Eye Reduction: This feature reduces the effect of light reflecting back from the eyes and making them appear red.

Distance ranges for shooting with the flash are 47 cm to 3.0 m (1.5 to 10 ft.) (W) and 47 cm to 2.0 m (1.5 to 6.6 ft.) (T).

You are recommended to shoot with the camera attached to a tripod or other device if the camera shake warning icon  appears.

Press this button to cycle through flash settings. (Flash settings cannot be used in some shooting modes.)

* Red-Eye Reduction: This feature reduces the effect of light reflecting back from the eyes and making them appear red.

See the Advanced Guide: Functions Available in Each Shooting Mode (p. 112)
Shooting Close-Ups/Infinity Shots

**/button**  
When you press this button,  or  appears on the LCD monitor.  
To cancel the macro/infinity mode: press the  button to remove  or  from the display.

**/ (Macro):** Use this mode to shoot close-ups of flowers or small items.  
Image Area at Minimum Shooting Distance from End of Lens to Subject  
Maximum wide angle setting: 49 × 37 mm (1.9 × 1.5 in.)  
(Minimum shooting distance: 5 cm (2 in.))  
Maximum telephoto setting: 71 × 53 mm (2.8 × 2.1 in.)  
(Minimum shooting distance: 25 cm (9.8 in.))

**/ (Infinity):** Use this mode to record subjects 3 m (9.8 ft.) or more distant. Also use this mode for compositions combining both near and distant objects.

- Use the LCD monitor to compose close-ups in macro mode since images composed with the viewfinder may be off-center.  
- Exposure may not be optimal when the flash is used in Macro mode.

See the Advanced Guide: Magnified Close-Up Shooting (p. 31)  
See the Advanced Guide: Using the Digital Zoom (p. 32)  
See the Advanced Guide: Functions Available in Each Shooting Mode (p. 112)
Playbacl

1 Set the mode dial to (playback) (1).

2 Display the image you wish to view.
   Use the < or > button to select the image (2).
   Use the < button to move to the previous image and the > button to move the next image.

See the Advanced Guide to verify the advanced playback function.
See the Advanced Guide: Viewing Movies (p. 58)

Erasing

1 Set the mode dial to (playback) (1).

2 Use the < or > button to select the image you wish to erase (2).

3 Press the button (3).

4 Confirm that [Erase] is selected (4) and press the FUNC./SET button (5).
   To exit instead of erasing, select [Cancel].

See the Advanced Guide: Erasing All Images (p. 64)

Please note that erased images cannot be recovered. Exercise adequate caution before erasing an image.
Menus and Settings

**FUNC. Menu**

From this menu you can specify self-timer, resolution size, and other settings for shooting.

![FUNC. Menu screen](image)

To select an item (1)
Press the ▲ or ▼ button.

To change the setting (2)
Press the ◀ or ► button.

When you finish making settings
Press the FUNC./SET button.

When the camera is set to shooting mode, press the FUNC./SET button.

See the Advanced Guide: Menus and Settings (p. 22)

**Rec./Play/Set up Menus**

From these menus you can specify related to camera functions. There are three menus: [Rec. Menu], [Play Menu], and [Set up Menu].

**From shooting mode**

Press the MENU button.

To switch between menus (1)
When the menu icon is selected, press the ◀ or ► button.

**From playback mode**

Press the MENU button.

To select an item (2)
Press the ▲ or ▼ button.

To change the setting (3)
Press the ◀ or ► button.
When "..." appears by an item, press the FUNC./SET button to display the set up screen, and then use the ▲, ◀, ◁ or ► button to change the settings.

When you finish making settings
Press the MENU button.
Printing

Connect the camera to a direct print compatible printer with a cable and simply press the \[\text{\textcopyright}\] button on the camera.

1 **Connect the camera to a Canon Direct Print compatible printer and turn on the printer's power.**

2 **Power on the camera in Playback mode. Confirm that \[\text{\textcopyright}\] or \[\text{\textcopyright}\] is displayed in the upper left of the LCD monitor (1).**
   - The \[\text{\textcopyright}\] button lights blue.
   - The displayed icon will vary according to the printer model.

3 **Select an image to print (2) with the \[\text{\textcopyright}\] or \[\text{\textcopyright}\] button and press the \[\text{\textcopyright}\] button (3).**
   The \[\text{\textcopyright}\] button will blink blue and printing will start.

See the *Advanced Guide*: Setting the DPOF Print Settings (p. 65)
See the *Direct Print User Guide*
See the user guide for Your Printer
The following methods can be used to download images recorded by the camera to a computer. Some methods, depending on the OS used, may not be available. Please read *System Requirements* (p. 14) in advance.

* Please also see the Windows XP and Mac OS X Users leaflet.
System Requirements

Please install the software on a computer meeting the following minimum requirements.

**Windows**

<table>
<thead>
<tr>
<th>OS</th>
<th>Windows 98 Second Edition (SE)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Windows Me</td>
</tr>
<tr>
<td></td>
<td>Windows 2000 Service Pack 4</td>
</tr>
<tr>
<td></td>
<td>Windows XP (including Service Pack 1 and Service Pack 2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Computer Model</th>
<th>The above OS should be pre-installed on computers with built-in USB ports.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Pentium 500MHz or higher processor</td>
</tr>
<tr>
<td>RAM</td>
<td>Windows 98 SE/Windows Me : 128 MB or more</td>
</tr>
<tr>
<td></td>
<td>Windows 2000/Windows XP : 256 MB or more</td>
</tr>
<tr>
<td>Interface</td>
<td>USB</td>
</tr>
</tbody>
</table>

Free Hard Disk Space:
- Canon Utilities
  - ZoomBrowser EX : 250 MB or more
  (Including the PhotoRecord printing program)
  - PhotoStitch : 40 MB or more
- Canon Camera TWAIN Driver : 25 MB or more
- Canon Camera WIA Driver : 25 MB or more
- ArcSoft PhotoStudio : 50 MB or more

Display: 1,024 × 768 pixels/High Color (16 bit) or better

**Macintosh**

<table>
<thead>
<tr>
<th>OS</th>
<th>Mac OS X (v10.2–v10.3)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Computer Model</th>
<th>The above OS should be pre-installed on computers with built-in USB ports.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>PowerPC G3/G4/G5</td>
</tr>
<tr>
<td>RAM</td>
<td>256 MB or more</td>
</tr>
<tr>
<td>Interface</td>
<td>USB</td>
</tr>
</tbody>
</table>

Free Hard Disk Space:
- Canon Utilities
  - ImageBrowser : 200 MB or more
  - PhotoStitch : 40 MB or more
- ArcSoft PhotoStudio : 50 MB or more

Display: 1,024 × 768 pixels/32,000 Colors or better

Downloading Images to a Computer
Preparing to Download Images

Ensure that you install the software first before connecting the camera to the computer.

Items to Prepare

• Camera and computer
• Canon Digital Camera Solution Disk supplied with the camera
• Interface cable supplied with the camera (use the supplied interface cable)

1 Install the software.

1. Place the Canon Digital Camera Solution Disk in the computer’s CD-ROM drive.

   Macintosh
   Double-click the [Canon Digital Camera Installer] icon 🎥 in the CD-ROM window.

2. Click the Digital Camera Software [Install] button, then click [Next].

3. Select [Easy Installation] as the setup type and click [Next].
   Proceed with the installation, confirming the contents as you proceed.

4. When the installation is finished, select [Yes, I want to restart my computer now.] and click [Finish].

   Macintosh
   When the installation is finished, click [OK].

5. Remove the disk from the CD-ROM drive after restarting.

Downloading Images to a Computer
2 Connecting the camera to a computer.

1. Use the supplied interface cable to connect the computer's USB port to the camera's DIGITAL terminal.
   
   With your fingernail on the left edge of the camera's DIGITAL terminal cover, open it forward and plug the interface cable in all the way.

2. Set the mode dial to (playback) (①), turn on the power (②).
   
   The camera and computer will be able to communicate.

Always grasp the connector’s sides to remove the interface cable from the camera's DIGITAL terminal.

Windows

If the Digital Signature Not Found window appears, click [Yes]. The USB driver will automatically finish installing onto the computer when you attach the camera and open a connection.
**Downloading Images to a Computer**

A window allowing you to set the preferences will appear when a connection is established between the camera and computer.

1. **Select [Canon CameraWindow] and click [OK] (first time only).**

   If the window to the right does not appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow] and [CameraWindow].

2. **Download the images.**
   - Download the images using the camera or the computer.
   - By default, the downloaded images are saved into the [My Pictures] folder.

   Thumbnails (small versions) of the downloaded images will display in the ZoomBrowser EX Main Window. By default, the downloaded images are saved into subfolders according to their shooting dates.
The following window opens when you establish a connection between the camera and computer. If it fails to appear, click the [Canon CameraWindow] icon on the Dock (the bar that displays at the bottom of the desktop).

Download images by "using camera" or "using computer".

You can set the type of image to download and the destination folder.

 Thumbnails (small versions) of the downloaded images will display in the ImageBrowser Browser Window. By default, the downloaded images are saved into folders according to their shooting dates.
Downloading Images Using the Camera (Direct Transfer)

Use this method to download images using camera operations. Install the supplied software and adjust the computer settings before using this method for the first time (p. 15).

When the camera and computer will be able to communicate, the button will light blue and the Direct Transfer menu is displayed on the camera's LCD monitor. At this point, images can be transferred using camera operations.

If the Direct Transfer menu is not displayed, press the MENU button.

You can select the following methods in the Direct Transfer.

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Images</td>
<td>Transfers and saves all images to the computer.</td>
</tr>
<tr>
<td>New Images</td>
<td>Transfers and saves to the computer only the images that have not been previously transferred.</td>
</tr>
<tr>
<td>DPOF Trans. Images</td>
<td>Transfers and saves to the computer only the images with DPOF Transfer Order settings (Advanced Guide: Setting the DPOF Print Settings p. 65).</td>
</tr>
<tr>
<td>Select &amp; Transfer</td>
<td>Transfers and saves single images to the computer as you view and select them.</td>
</tr>
<tr>
<td>Wallpaper</td>
<td>Transfers and saves single images to the computer as you view and select them. The transferred images display on the computer desktop.</td>
</tr>
</tbody>
</table>
All Images/New Images/DPOF Trans. Images

Select  or  (1) with the ▲ or ▼ button and press the button (2).

The images will download.

To cancel the transfer, press the FUNC./SET button.

The display will return to the Direct Transfer menu when the download is complete.
Select & Transfer/Wallpaper

1 Select or (1) with the or button and press the button (or the FUNC./SET button) (2).

2 Select images to download with the or button (3) and press the button (or the FUNC./SET button) (4).
- The images will download.
- The button will blink blue while downloading is in progress.
- Images can also be selected during index playback.

3 Press the MENU button (5).
The display will return to the Direct Transfer menu.

- Only JPEG images can be downloaded as wallpaper for a computer. On the Windows platform, the files are automatically created as BMP images.

- The option selected with the button is retained even when the camera’s power is turned off.
- The previous setting will be in effect the next time the Direct Transfer menu is displayed. The image selection screen will appear directly when the [Select & Transfer] or the [Wallpaper] option was last selected.