

Canon Con-E280



Basic

ENGLISH

The Co	mponents Guide
Prepar	ations
Shooti	ng
Single	Playback/Erasing
Menus	and Settings
Printin	g
Downl to a Co	oading Images omputer

Camera User Guide

Please Read This First

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



Canon

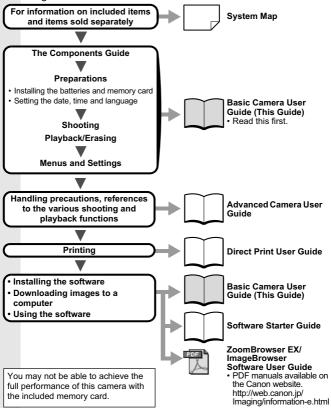
CDI-E280-010

© 2007 CANON INC.

PRINTED IN MALAYSIA

Flowchart and Reference Guides

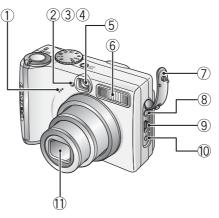
The following guides are available. Refer to them as necessary according to the flowchart below.



In this guide, the Basic Camera User Guide is called the Basic Guide, and the Advanced Camera User Guide is called the Advanced Guide.

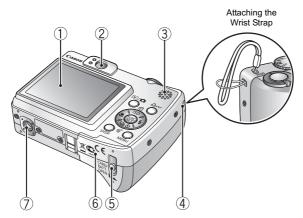
The Components Guide

Front View



- ① Microphone (Advanced Guide pp. 37, 64)
- (2) AF-assist Beam (Advanced Guide p. 21)
- ③ Red-Eye Reduction Lamp (p. 15)
- (4) Self-Timer Lamp (p. 17)
- (5) Viewfinder Window (Advanced Guide p. 16)
- 6 Flash (p. 14)
- $\textcircled{\textbf{7}} \text{ Terminal Cover}$
- ⑧A/V OUT (Audio/Video output) Terminal (Advanced Guide p. 67)
- IGITAL Terminal (p. 27)
- 10 DC IN (Power input) Terminal (Advanced Guide p. 98)
- 11 Lens

Back View



- ① LCD Monitor (Advanced Guide p. 12)
- (2) Viewfinder (Advanced Guide p. 16)
- ③ Speaker
- Wrist Strap Mount
- S Memory Card Slot / Battery Cover Lock (p. 5)
- Memory Card Slot / Battery Cover (p. 5)
- Tripod Socket

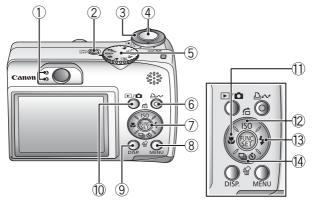


In order to avoid dropping the camera, we recommend attaching the wrist strap before using the camera.



The LCD monitor may be covered with a thin plastic film for protection against scratches during shipment. If so, remove the film before using the camera.

Controls



- 1 Indicators (p. 4)
- 2 Power Button (p. 9)
- ③ Zoom Lever (p. 14, *Advanced Guide* p. 58) Shooting: ₩₩ (Wide Angle)/[↓] (Telephoto) Playback: ➡➡ (Index)/Q (Magnify)
- (4) Shutter Button (p. 10)
- (5) Shooting Mode Dial (pp. 9, 11)
- ⑥ ₺ ৵ (Print/Share) Button (p. 22)
- (7 FUNC./SET (Function/Set) Button (p. 20, Advanced Guide p. 18)
- (8) MENU Button (p. 21, Advanced Guide p. 19)
- (9) DISP. (Display) Button (Advanced Guide p. 12)
- 1 (Playback)/ (Shooting) Button (p. 7)
- 1) 🖏 (Macro)/ 🗲 Button (p. 16)
- 12 ISO / C (Jump) / ↑ Button (Advanced Guide pp. 52, 60)
- 13 **\$** (Flash)/ → Button (p. 14)
- ④ □ (Continuous)/ ③ (Self-timer)/ ⑥ (Single Image Erase)/
 - ✤ Button (pp. 17, 19, Advanced Guide p. 31)

Indicators

The camera indicators will light or blink under the following conditions.



Never do the following while the indicator blinks green. These actions may corrupt image data.

- Shake or jolt the camera
- Shut off the power, or open the memory card slot/battery cover

• Upper Indicator	
Green:	Ready to shoot (camera beeps twice)/when connected to a computer
Blinking Green:	During camera startup/image recording/reading/ erasing/transferring (when connected to a computer/printer)
Orange:	Ready to shoot (flash on)
Blinking Orange	Ready to shoot (camera shake warning), charging flash

Lower Indicator

Yellow:	Macro mode/AF lock mode
Blinking Yellow:	Focusing difficulty (camera beeps once)

Preparations

1. Installing the batteries.

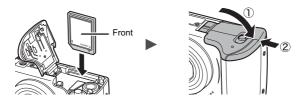
- 1. Slide the memory card slot/battery cover lock (①) and open the cover (②).
- 2. Insert the 2 supplied AA-size alkaline batteries, or separately sold AA-size NiMH batteries.



See the Advanced Guide: Battery Handling (p. 91)

2. Inserting the memory card.

- 1. Insert the memory card until it clicks into place.
- 2. Close the memory card slot/battery cover (①), pressing down and sliding it until it clicks into place (②).



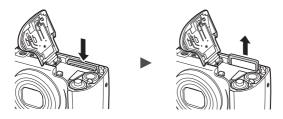
Ensure that the memory card is correctly oriented before inserting it in the camera. It may damage the camera, or the camera may not recognize the card, if it is inserted incorrectly.



See the Advanced Guide: Handling the Memory Card (p. 93). See the Advanced Guide: Formatting Memory Cards (p. 25).

■ To Remove the Memory Card

Push the memory card with your finger until the memory card clicks and then release it.



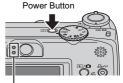


You can use SD memory cards, SDHC memory cards and MultiMediaCards with this camera. These cards are collectively called memory cards in this guide.

Turning the Power On/Off

■ Turning the Camera On/Off in Shooting Mode

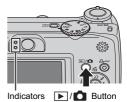
- 1. Press the power button. The indicators blink while the camera turns on.
- 2. Pressing the power button again turns the power off.



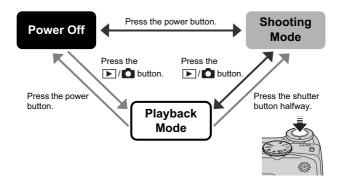
Indicators

Turning the Camera On/Off in Playback Mode

- 1. Press the ▶/ D button. The indicators blink while the camera turns on.
- 2. Press the power button to turn the power off.

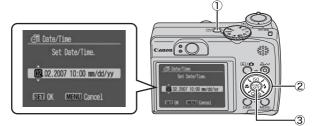


Switching between Shooting Mode and Playback Mode



First Time Settings

■ Setting the Date/Time



- 1. Press the power button (①).
- 3. Confirm that the correct time is displayed and press the FUNC./SET button (③).

The date and time can also be set in the Set up menu (p. 21).



The date/time setting screen will appear when the camera power is turned on for the first time, or when the capacity of the lithium date battery is depleted.

See the Advanced Guide: Replacing the Date Battery (p. 101).

Setting the Display Language

- 1. Press the **>**/**1** button.
- 2. Hold down the FUNC./SET button and press the MENU button.
- 3. Use the ♠ , ♦ , ♦ or ♦ button to select a language and press the FUNC./SET button.

The display language can also be set in the Set up menu (p. 21).

Shooting

1. Press the power button.

The start-up sound will play and the start-up image will display on the LCD monitor.

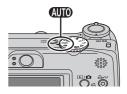
 Pressing the power button while pressing and holding the **DISP**. button will turn on the mute setting which will mute all sounds except for warning sounds.



DISP. Button

See the Advanced Guide: Using the LCD Monitor (p. 12).
 See the Advanced Guide: Power Saving Function (p. 17).
 See the Advanced Guide: Set up Menu (p. 22).

2. Set the shooting mode dial to **(UID)**.

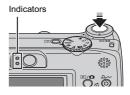


3. Aim the camera at the subject.

4. Focus and shoot.

1. Press the shutter button halfway to focus.

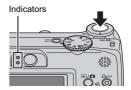
When the camera focuses automatically, the camera beeps twice and the indicator lights green (orange when using the flash). Also, the AF frame appears in green on



the LCD monitor at the point where the camera is focused.

2. Press the shutter button fully to shoot.

The shutter sound will play and the image will record. The indicator will blink areen while the image is recorded to the memory card.





Reviewing an Image Right After Shooting

After a shot is taken, the image appears in the LCD monitor for approximately 2 seconds.

You can continue to display images regardless of the review duration setting with the following procedures.

- Keeping the shutter button pressed after a shot.
- Pressing the FUNC./SET or DISP. button while the image is displayed in the LCD monitor.

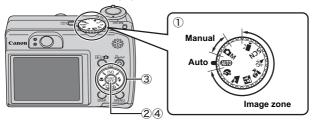
To stop displaying the image, press the shutter button halfway.

See the Advanced Guide: Review (p. 21). → See Erasing (p. 19).

Selecting a Shooting Mode

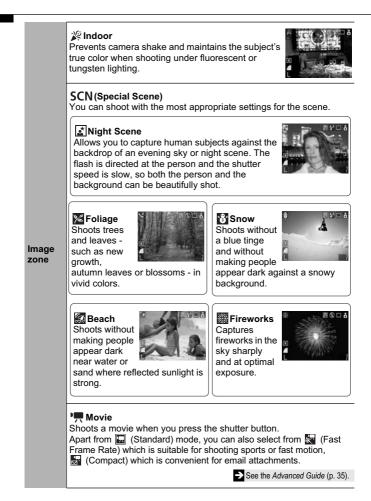
1. Set the shooting mode dial to the desired mode (①).

In the SCN and \P modes, press the FUNC./SET button (2) and use the \blacklozenge or \blacklozenge button to select a shooting mode (3), then press the FUNC./SET button (4).



Shooting Modes

	Auto	The camera automatically selects settings.		
Image zone		When a shooting mode appropriate for the shooting conditions is selected, the camera automatically adjusts settings for optimal shooting.		
	•	Produces a soft effect when photographing people.	Contain both near and far subjects.	
		Kight 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.	

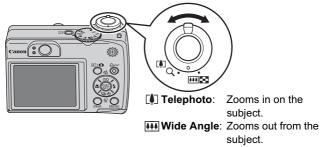


Manual	Allows you to select settings yourself, such as the exposure compensation, white balance, My Colors or ISO speed.
¥.	 The shutter speed is slow in i or i mode. Always use a tripod to avoid camera shake. In II, , , or i mode, the ISO speed may increase and cause noise in the image depending on the scene being shot. In , or mode, shoot with the subject more than 1 m (3.3 ft.) away from the front of the lens.

Using the Zoom

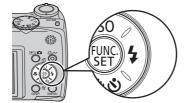
1. Press the zoom lever toward [] or [].

The zoom can be adjusted from 35 - 140 mm (focal length) in 35mm film equivalent terms.



Using the Flash

1. Press the **\$** button to cycle through flash settings.



Each time you press the **\$** button, the flash settings will change.

\$ ^ ∗	Auto	The flash fires automatically.
4 *	Flash on	The flash always fires.
۲	Flash off	The flash will not fire.

* When red-eye reduction is enabled (p. 15), the red-eye reduction lamp lights when the flash fires.

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

cannot be set in AUTO mode.

See the Advanced Guide: Functions Available in Each Shooting Mode (p. 119).
 See Selecting a Shooting Mode (p. 11).

0

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

When the LCD monitor is on and flash recharging begins, the lamp blinks orange and the LCD monitor turns off. When recharging ends, the orange lamp turns off and the LCD monitor turns on. The time required for flash recharging will change depending on usage conditions and remaining battery power.

Setting the Red-Eye Reduction Function

You can set whether the camera automatically performs red-eye reduction when the flash fires.

1. [Image: 1. Image: 1. [Image: 1. Image: 1. [Image: 1. Image: 1. Image:

See Menus and Settings (p. 21).

* Default setting.



Setting the Slow Synchro Function

The flash timing is adjusted to slow shutter speeds. This reduces the chance that only the background will appear dark when a night scene or an interior shot is taken.

1.
Image: 1. [On]/[Off].*

See Menus and Settings (p. 21).

* Default setting.

cannot be set in AUTO mode.

See the Advanced Guide: Functions Available in Each Shooting Mode (p. 119).

→ See Selecting a Shooting Mode (p. 11).



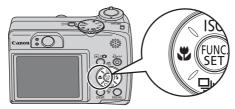


When **[3]** (Slow Synchro) is set to [On], camera shake may become a factor. Use of a tripod is recommended.

Shooting Close-ups (Macro)

1. Press the 🖏 button.

To cancel the macro mode, press the 🖏 button to turn off the 🕅 display.



	Use this mode to shoot close-ups of flowers or small items. Image Area at Minimum Focusing Distance from End of Lens to Subject:
Macro	 Maximum wide angle setting: 60 × 45 mm (2.4 × 1.8 in.) Minimum focusing distance: 5 cm (2.0 in.) Maximum telephoto setting: 94 × 71 mm (3.7 × 2.8 in.) Minimum focusing distance: 33 cm (1.1 ft.)

- · Use the LCD monitor to compose close-ups in macro mode since images composed with the viewfinder may be offcenter.
 - · Check the range of the flash when using it in macro mode (Advanced Guide p. 105).

This setting cannot be set in some shooting modes.



See the Advanced Guide: Functions Available in Each Shooting Mode (p. 119). → See Selecting a Shooting Mode (p. 11).

Using the Self-Timer

1. Press the \circ button to cycle through self-timer settings.



Each time you press the \bigotimes button, the self-timer settings will change.



*1 Depending on the shooting mode, may also appear. For details on how to use may, refer to p. 31 of the Advanced Guide.

• When the shutter button is pressed fully, the self-timer lamp will blink. When using redeye reduction, the self-timer lamp will blink and then stay lit for the last 2 seconds.

To cancel the self-timer, press \mathfrak{G} button to select \square .

Changing the Delay Time

1. ● (Rec.) Menu ▶ 🕅 (Self-timer) ▶ 🖬 *1/💁 / 🔂.

See Menus and Settings (p. 21).

*1 Default setting.



10 sec. delay: The shutter releases 10 sec. after the shutter button is pressed. 610 2 sec. before the shutter releases, the self-timer sound beeps guickly and the lamp will speed up. 2 sec. delay: The shutter releases 2 sec. after the shutter button is pressed. 02 · The self-timer sound beeps quickly when the shutter button is pressed and the shutter will release 2 sec. later. Custom Timer: You can change the delay time (0–10*², 15, 20, 30 sec.) and number of shots (1-10*3) (p. 18). When a delay time of over 2 seconds is set for the [Delay] option. Cc the self-timer sound beeps quickly 2 seconds before the shutter releases. If multiple shots have been specified for the [Shots] option, the sound will play for the first shot only.

This setting cannot be set in some shooting modes.

See the Advanced Guide: Functions Available in Each Shooting Mode (p. 119).

→ See Selecting a Shooting Mode (p. 11).

■ Changing the Delay Time and Number of Shots (函)

1. 💽 (Rec.) Menu 🅨 🕅 (Self-timer) 🏲 🔂.

See Menus and Settings (p. 21).



- 2. Press the FUNC./SET button.
- 3. Use the ▲ or ♦ button to select [Delay] or [Shots] and the ♦ or ♦ button to change the setting and press the FUNC./SET button.



4. Press the MENU button.



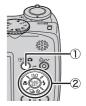
If the [Shots] option is set to 2 or more shots, the following occurs.

- The exposure and white balance are locked at the settings selected for the first shot.
- If the flash is used, the interval between shots lengthens because the flash must charge.
- The interval between shots may lengthen when the built-in memory of the camera fills.
- Shooting will automatically cease if the memory card becomes full.

Single Playback

1. Press the 🕨 / 🗖 button (①).

The last recorded image will display. If you have played back images between shooting sessions however, the last image viewed will display (Resume Playback) instead of the last recorded image. If the memory card has been switched, or the images on the memory card have been edited with a computer, the newest image on the memory card appears.



2. Use the ← or → button to display the image you wish to view (②).

Use the \blacklozenge button to move to the previous image and the \blacklozenge button to move to the next image.

Holding the button down advances the images more rapidly, but shows them less clearly.

See the Advanced Guide for the various playback methods available.

Erasing

1. In the playback mode, use the ← or → button to select an image to erase (①) and press the ☆ button (②).



2. Confirm that [Erase] is selected and press the FUNC./SET button (③),

To exit instead of erasing, select [Cancel].

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



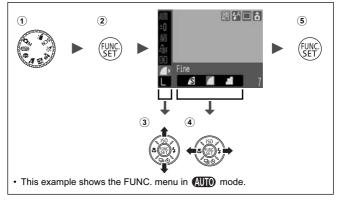
See the Advanced Guide: Erasing All Images (p. 68).

Menus and Settings

Settings for the shooting, playback or print modes or such camera settings as the date/time and sounds are set using the FUNC., Rec., Play, Print or Set up menu.

FUNC. Menu

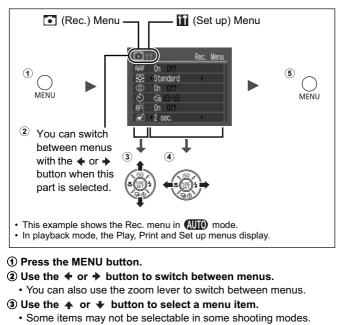
This menu sets many of the common shooting functions.



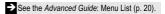
- Set the shooting mode dial to the shooting mode you want to use.
- **2** Press the FUNC./SET button.
- **③** Use the \blacklozenge or \blacklozenge button to select a menu item.
 - · Some items may not be selectable in some shooting modes.
- ④ Use the ◆ or → button to select an option for the menu item.
 - You can select further options with the MENU button for some options.
 - After selecting an option, you can press the shutter button to shoot immediately. After shooting, this menu will appear again, allowing you to adjust the settings easily.
- **⑤** Press the FUNC./SET button.

Rec., Play, Print and Set up Menus

Convenient settings for shooting, playback or printing can be set with these menus.



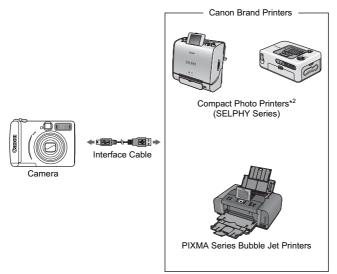
- ④ Use the ← or → button to select an option.
 - Menu items followed by an ellipsis (...) can only be set after pressing the **FUNC./SET** button to display the next menu. Press the **FUNC./SET** button again to confirm the setting.
- **⑤** Press the MENU button.



Printing

Connect the camera to a direct print compatible printer^{*1} with a cable and simply press the \Box_{μ} button on the camera.

1. Connect the camera to a direct print compatible printer and turn on the printer's power.

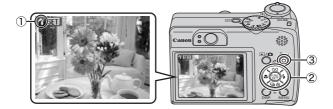


- *1 Since this camera uses a standard protocol (PictBridge), you can use it with other PictBridge-compliant printers in addition to Canon-brand printers.
- *2 You can also use the CP-10/CP-100/CP-200/CP-300 card photo printers.

2. Press the ►/ button to turn on the power and confirm that , for regional confirm that , for the local confirm the upper left of the LCD monitor (①).

- The $\square \sim$ button will light blue.
- The displayed icon will vary according to the printer model.
- The SET 🖳 icon will display for movies.
- 3. Select an image to print using the ← or → button (②) and press the ⊡ ⋈ button (③).

The $\square m$ button will blink blue and printing will start.



- See the Advanced Guide: Setting the DPOF Print Settings (p. 69).
- → See the Direct Print User Guide.
- → See the user guide for your printer.

Downloading Images to a Computer

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. 25) in advance.

■ Camera to Computer Connection

Sup	plied Software	Inst	all It	Do Not Install It
	vnloading hod	Computer Procedure	Camera Procedure	Computer Procedure
os	Windows 2000	•	•	—
	Windows XP	•	•	•
	Windows Vista	•	•	•
	Mac OS X	•	۲	•
		Ŧ	+	
	nputer System quirements	Basic Guide (p. 2 Software Starter		
		+	+	. ↑
Ca	nnecting the mera to a mputer	Basic Guide (pp.	. 26, 27)	• Basic Guide (p. 27)
		+	Ŧ	+
Ima	wnloading ages to a mputer	 Basic Guide (pp. Software Starter 		• Software Starter Guide

Using a Memory Card Reader

A memory card reader can be used with all the operating systems listed above. See the *Software Starter Guide* for details.

System Requirements

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

■ Windows

os	Windows 2000 Service Pack 4 Windows XP (including Service Pack 1 and Service Pack 2) Windows Vista	
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.	
CPU	Windows 2000/Windows XP: Pentium 500 MHz or higher Windows Vista : Pentium 1.3 GHz or higher	
RAM	Windows 2000 / Windows XP Windows Vista	: 256 MB or more : 512 MB or more
Interface	USB	
Free Hard Disk Space	Canon Utilities ZoomBrowser EX PhotoStitch Canon Camera TWAIN Driver	: 200 MB or more : 40 MB or more : 25 MB or more
Display	1,024 × 768 pixels/High Color (16	bit) or better

Macintosh

OS	OS Mac OS X (v10.3 – 10.4)	
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.	
CPU	PowerPC G3/G4/G5 or Intel pro	cessor
RAM	256 MB or more	
Interface	USB	
Free Hard Disk Space	 Canon Utilities ImageBrowser PhotoStitch 	200 MB or more 40 MB or more
Display	1,024 × 768 pixels/32,000 Colors or better	

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

1. Install the software.

Windows

- 1. Place the Canon Digital Camera Solution Disk in the computer's CD-ROM drive.
- 2. Click [Easy Installation]. Follow the onscreen instructions to proceed.
- 3. When the installation is complete, click either the [Finish] or [Restart] button that appears.
- 4. Remove the Canon Digital Camera Solution Disk from the CD-ROM drive when your normal desktop screen appears.





Macintosh

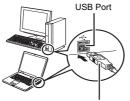
Double-click the [Canon Digital Camera Installer] icon 🖤 in the CD-ROM window. When the installer panel appears, click [Install]. Follow the onscreen instructions to proceed.



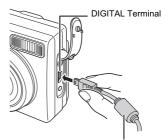
2. Connecting the camera to a computer.

1. Use the supplied interface cable to connect the computer's USB port to the camera's DIGITAL terminal.

Slip your fingernail under the lower end of the camera's terminal cover, lift it open and plug the interface cable in all the way.



Interface Cable



Interface Cable

2. Press the ▶/ button to turn on the power.

The camera and computer will be able to communicate.



Always grasp the sides of the connector when disconnecting 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.

Windows 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.

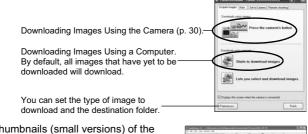
1. Select [Canon CameraWindow] and click [OK] (first time only).

If the window to the right does not appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [PowerShot-IXY-IXUS-DV 6] 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.

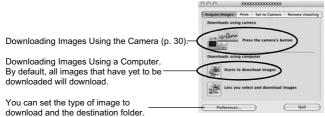


Macintosh Downloading Images to a Computer

The following window will appear 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 which appears at the bottom of the desktop).

1. Download the images.

- Download the images using the camera or the computer.
- By default, the downloaded images are saved into the [Pictures] 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. 26).

Ĺ	All Images	Transfers and saves all images to the computer.
۲	New Images	Transfers and saves to the computer only the images that have not been previously transferred.
*	DPOF Trans. Images	Transfers and saves to the computer only the images with DPOF Transfer Order settings. (<i>Advanced Guide</i> p. 74).
	Select & Transfer	Transfers and saves single images to the computer as you view and select them.
Į	Wallpaper	Transfers and saves single images to the computer as you view and select them. The transferred images display as the background on the computer desktop.

1. Confirm that the Direct Transfer menu is displayed on the camera's LCD monitor.

- Press the **MENU** button if the Direct Transfer menu fails to appear.



All Images/New Images/DPOF Trans. Images

2. Select \blacksquare , \blacksquare or \blacksquare and press the $\square \bowtie$ button.

- To cancel the download, press the FUNC./ SET button.

🕀 New Images
🕅 Transferring
5/13
Cancel OK

■ Select & Transfer/Wallpaper

- **2.** Select **E** or **E** and press the $\square m$ button (or the FUNC./SET button).
- **3.** Select images to download and press the $\Box \sim$ button (or the FUNC./SET button).
 - The images will download. The $\square m$ button will blink blue while downloading is in progress.
 - · Images can also be selected during index plavback (Advanced Guide p. 59).
 - Press the **MENU** button to 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 $ riangle au \sim$ 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.

МЕМО

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.
- Do not use batteries which are not specified for this camera.
- The compact power adapter output terminals have been designed exclusively for this equipment. Do not use them for other products.