Canon

EOS DIGITAL REBEL
EOS 300D DIGITAL

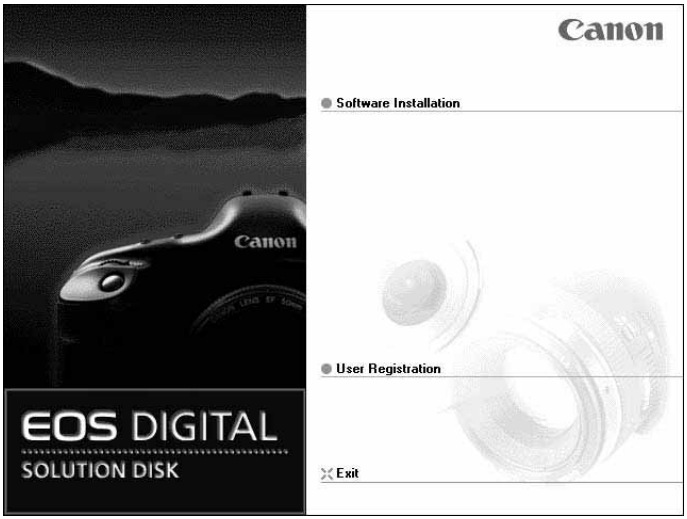
Software

Windows

Macintosh

INSTRUCTIONS

EOS DIGITAL SOLUTION DISK Ver. 6



Please read these instructions carefully before using the EOS REBEL/300D software.
This guide should be kept in a safe place so that it can be used for future reference.

Exif Print

DPOF™

E
English Edition

READ CAREFULLY BEFORE USING!

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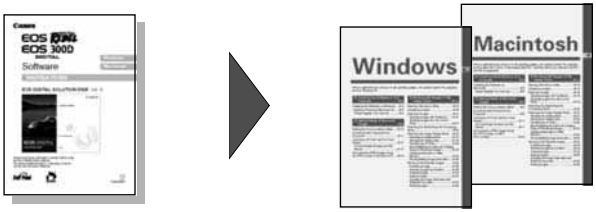
Manual Organization, How to Read the

- This manual consists of a chapter for Windows followed by a chapter for Macintosh.



In this manual, Windows XP Professional/Home Edition is referred to as Windows XP, Windows Millennium Edition is referred to as Windows Me, Windows 2000 Professional is referred to as Windows 2000, and Windows 98 Second Edition is referred to as Windows 98 SE.

- Where explanations are common to all operating systems, the screens used in the examples are from Windows XP for Windows and from Mac OS X (10.2) for Macintosh.
- In this document, square brackets [ ] are used to indicate items such as button names and icon names that appear on the computer screen.
- Numbers in parentheses in this document indicate reference pages.
- Descriptions of camera operations assume that the reader is familiar with the information in the instructions supplied with the camera.
- For detailed information on how to use the software products and the restrictions that apply to those products, refer also to the Help, Readme files and Software User Guide (A-7) for the respective products.
- In order to transfer images from File Viewer Utility, you will need retouching (image editing) software. In order to start the TWAIN Driver, you will need a TWAIN Driver-compatible application. Explanations for transferring images from File Viewer Utility described in these instructions and the explanations for TWAIN Driver-compatible applications all use examples from Adobe Photoshop Elements 2.0.
- The explanations given below describe the type of content indicated by the respective icons.

: Marks information that should be read before use to prevent problems that would interfere with the functioning of software and computer.

: Marks additional information that you will find helpful.

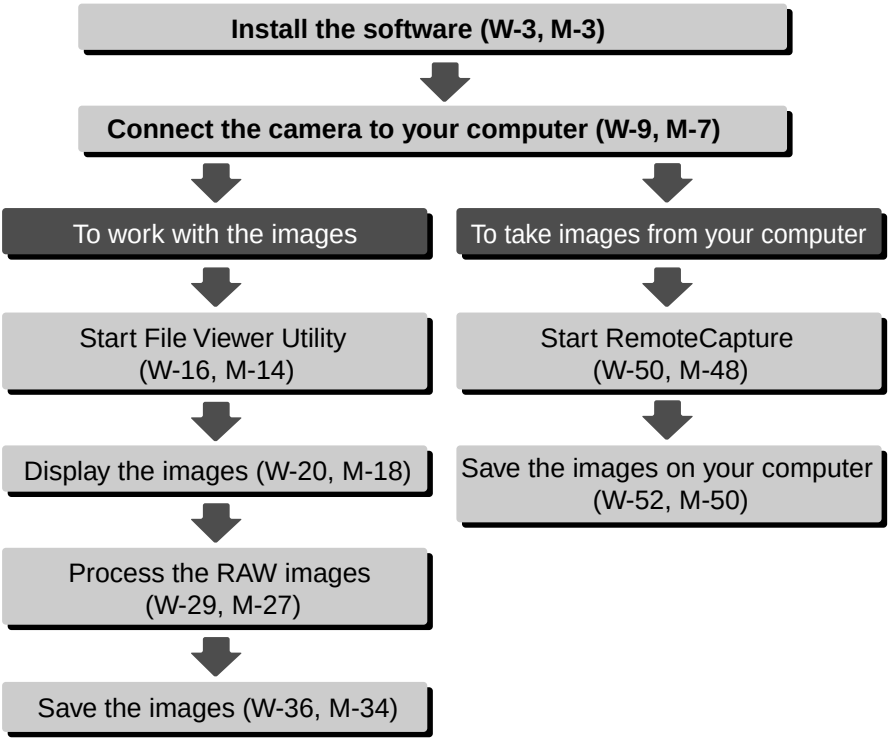
Safety Precautions

Please read the safety precautions carefully before using this product. Ensure that you use the product correctly according to the procedures described in these instructions.
The following safety precautions are intended to instruct you in the safe and correct operation of the product and its accessories to prevent injuries or damage to yourself, other persons and property. Please read and ensure that you understand them before you proceed to the other sections of these instructions.

⚠ Warning
Do not play the supplied CD-ROM(s) in any CD-ROM Player that does not support data CD-ROMs. The extremely loud sound that may result from playing the CD-ROM(s) in an audio CD player (music player) could damage the speakers. It is also possible to suffer hearing losses from listening with headphones to the loud sounds of a data CD-ROM played on a music CD player.

Manual and the Conventions Used

Operation Flow



- In addition, you can use the WIA Driver or TWAIN Driver (W-59) to quickly and easily download JPEG images from your camera. You can also use ZoomBrowser EX (W-65) or ImageBrowser (M-57) to produce ExifPrint-compatible prints and merge panoramic images.
- Descriptions of the software applications are provided in “Software” (A-5). Select the application that best suits your purposes.

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Software

This section briefly describes the main functions of the software provided on the bundled CD-ROM.

■ EOS DIGITAL SOLUTION DISK

File Viewer Utility

Windows Macintosh

- Primarily for shooting RAW images and recommended for users interested in serious image processing.
- Can be used for displaying images as thumbnails or single images saved on the CF card in the camera, displaying and processing RAW images, downloading images to your computer and transferring them to retouching software.
- Capable of rotating, protecting, saving, deleting images and of printing image indexes.
- Allows you to display and process RAW images saved on your computer.

ZoomBrowser EX/PhotoRecord

Windows

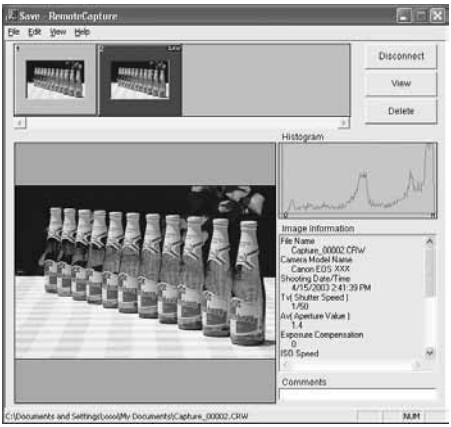
ImageBrowser

Macintosh

- Primarily for shooting JPEG images and recommended for users who want an easy-to-use program for displaying images as thumbnails or single images, downloading images to a computer and printing the images in a range of different layouts.
- Provides straightforward image processing functions and simplifies the task of arranging and organizing images.
- Can be used with the PhotoRecord print layout software to simplify a wide range of printing tasks, including setting the size of the printed images, setting the layout, setting automatic multi-image layout, selecting backgrounds and frames, and inserting titles and captions.
- Links with e-mail software to allow images to be sent as e-mail attachments.

RemoteCapture Windows Macintosh

- Enables you to control the camera from your computer to shoot single frames and take images using the timer or interval timer.
- Allows you to download images directly to the computer.



WIA Driver Windows

- WIA Driver controls the communication between the camera and your computer.
- You must install WIA driver to use File Viewer Utility, ZoomBrowser EX or RemoteCapture on Windows XP or Windows Me.
- Used simply, WIA Driver provides a simple way to download JPEG images in the [Scanner and Camera Wizard] dialog box or Windows Explorer.

TWAIN Driver Windows

- TWAIN Driver controls the communication between the camera and your computer.
- You must install TWAIN driver to use File Viewer Utility, ZoomBrowser EX or RemoteCapture on Windows 2000 or Windows 98 SE.
- Used simply, TWAIN Driver allows you to display JPEG images saved on a CF card in the camera and to transfer the images to a TWAIN Driver-compatible application.

PhotoStitch Windows Macintosh

- Automatically merges multiple images to provide a simple procedure for creating panorama photos.

PTP

PTP (Picture Transfer Protocol) is a standard protocol used for image transfer. PTP provides a simple way of downloading digital camera images to a computer.
Your camera supports PTP. Because PTP is used as the image transfer protocol on your camera, Windows XP users (using [Scanner and Camera Wizard]) and Mac OS X users (using [Image Capture]) can quickly and easily download JPEG images simply by connecting the camera to the computer, without having to start the software from the EOS DIGITAL SOLUTION DISK.

■ Adobe Photoshop Elements 2.0 DISK

Photoshop Elements 2.0

- Full-featured retouching software equipped with a range of advanced image processing functions.

ZoomBrowser EX/ImageBrowser Software User Guide

PDF format manuals providing more detailed explanations of the functions available in ZoomBrowser EX and ImageBrowser are available on the Canon website. For URL addresses*, please see the Canon Customer Support contacts in the Canon Limited Warranty supplied with your camera.

* The PDF format manual is not available in some regions.

Adobe Acrobat Reader must be installed to read the PDF format manuals.

System Requirements

The software bundled with this product runs on the systems described below.

Windows System Requirements

OS	Windows XP (Home Edition/Professional), Windows Me, Windows 2000, Windows 98 SE
Computer	PC with one of the above OS preinstalled and a USB port as a standard feature * Upgraded machines not supported.
CPU	Windows XP: 300 MHz Pentium or better Windows Me, 2000, 98 SE: 150 MHz Pentium or better
RAM	Windows XP: Minimum 256 MB required Windows Me, 2000, 98 SE: Minimum 128 MB required
Interface	USB
Hard disk space	File Viewer Utility: 100 MB or more, RemoteCapture: 20 MB or more, WIA Driver: 25 MB or more, TWAIN Driver: 25 MB or more, ZoomBrowser EX (including the PhotoRecord): 120 MB or more, PhotoStitch: 40 MB or more, Adobe Photoshop Elements 2.0: 350 MB or more
Display	800 × 600 dots, High Color (16-bit color) or more required 1024 × 768 dots True Color (32-bit color) or more recommended

- Depending on your computer system, this software may not run correctly on Windows 98. Use the Windows 98 SE operating system or later.
- A CD-ROM drive is required for software installation.

Macintosh System Requirements

OS	Mac OS X (version 10.2 recommended), Mac OS 9.0 to 9.2 (Mac OS 9.2 recommended)
Computer	Macintosh computer with one of the above OS installed and a USB port as a standard feature * Users of first-generation iMacs require a firmware update.
CPU	Power PC
RAM	Mac OS X: Minimum 256 MB required, Mac OS 9.0 to 9.2: Minimum 128 MB required
Interface	USB
Hard disk space	File Viewer Utility: 100 MB or more, RemoteCapture: 15 MB or more, ImageBrowser: 50 MB or more, PhotoStitch: 30 MB or more, Adobe Photoshop Elements 2.0: 400 MB or more
Display	800 × 600 dots, 32,000 colors or more required 1024 × 768 dots or more recommended

- These software programs are not compatible with UFS (Unix File System) formatted disks on Mac OS X.
- A CD-ROM drive is required for software installation.

Windows

Where explanations are common to all operating systems, the screens used in the examples are from Windows XP.

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1

Installing the Software on Your Computer

This chapter describes how to install the bundled software.

Installing the Software on Windows

- Check that your PC complies with the system requirements for the software (A-8) on the SOLUTION DISK as you follow the installation procedure.
- For instructions for installing Photoshop Elements, refer to (W-8).

Correct Installation Procedure

- Always install the software as described in the procedures below.

1 Start up your computer.

2 to **11** Install the software.

- **Never connect the camera to your computer before you have installed the software. The software will not be installed correctly.**
- **Connect the camera to your computer for the first time in step 14.**

12 Remove the CD.

13 Check the camera's communication mode.

14 to **15** Complete the installation.

- Once you connect the camera to your PC, installation is complete.

- **If you were unable to successfully install the software using the procedure given in this guide, see "When You Have Problems with Installation" (W-7).**
- **If you connected the camera to your computer before installing the software, see "Troubleshooting" (W-82).**

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1 Start up your computer.

- Close any programs that are running.

2 Insert the CD (EOS DIGITAL SOLUTION DISK).

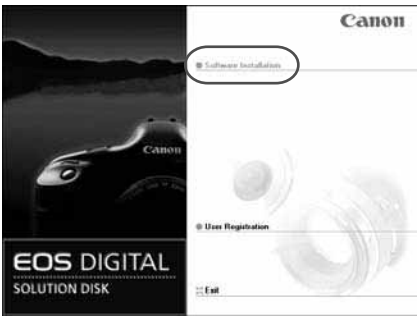
➡ The Installer panel appears.

If the Installer Panel Does Not Appear

Click the [Start] button ▶ [My Computer]. (In other versions of Windows, double-click [My Computer] on the desktop) Then right-click the CD-ROM drive containing the CD, select [Open] from the menu that appears and double-click the [SETUP] icon.

3 Click [Software Installation].

➡ The [Preparing to Install] window is displayed, and after a brief wait, the [Welcome to the InstallShield Wizard for Solution Disk] window is displayed.



4 Click the [Next] button.

5 Check the details of the User License Agreement.

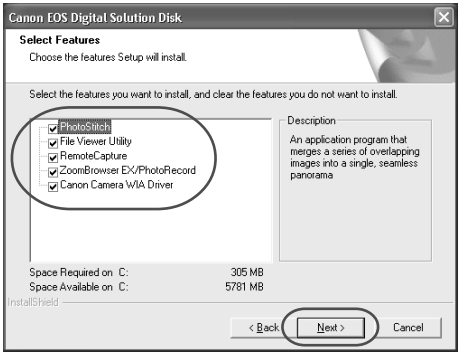
- If you have checked the details and agree to the terms of the Agreement, click the [Yes] button.

6 Check the folder in which the software will be installed.

- Check the details and click the [Next] button.

7 Check the software to be installed.

- Check that the checkboxes for the software to be installed are selected and then click the [Next] button.



To use File Viewer Utility, ZoomBrowser EX or RemoteCapture, you must install one of the following drivers at the same time, depending on your version of Windows:

- Windows XP, Me: [Canon Camera WIA Driver]
- Windows 2000, 98 SE: [Canon Camera TWAIN Driver]

8 Click the checkbox for [EOS Kiss/REBEL/300D].

- Once you have clicked the [EOS Kiss/REBEL/300D] checkbox so that it changes to ☑, click the [Next] button.

9 Check the installation details.

- Check the details and click the [Next] button.

➡ Installation begins.

- The time required for the installation varies depending on your computer, but should take approximately 2 to 4 minutes.

10 Click the [OK] button.

- Check the information in [Canon Solution Disk setup...] and then click the [OK] button.

11 Restart your computer.

- Check that ◉ is inserted in [Yes, I want to restart my computer now.] and then click the [Finish] button.

Do not remove the CD before restarting your PC. Remove the CD in step 12.

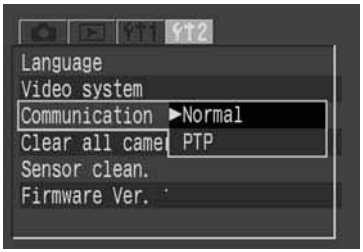
12 Remove the CD.

➡ Once the computer has restarted, remove the CD.

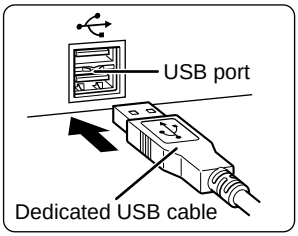
- When the Installer panel appears, click [Exit] to exit the Installer and then remove the CD.

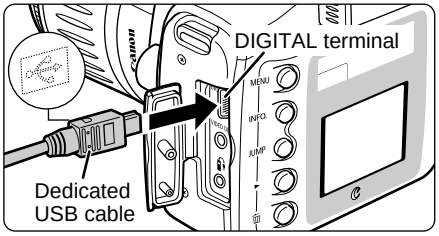
13 Check the camera's communication mode.

- Set the camera's power switch to <ON> and check that [Communication] in menu < 🔧2 > is set to [Normal].
- When you have finished the settings, set the camera's power switch to <OFF>.



14 Connect the camera to your computer.





15 Set the camera's power switch to <ON> to complete the installation.

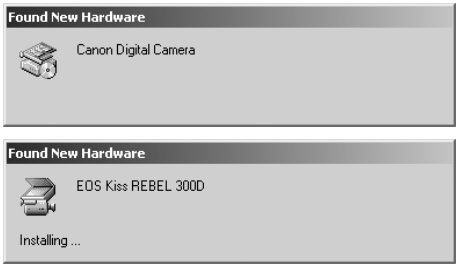
➡ **When you set the camera's power switch to <ON>, the [Found New Hardware] message appears. When the message automatically disappears, installation is complete.**

Do not set the camera's power switch to <OFF> until the [Found New Hardware] message automatically disappears.

- When [EOS Kiss REBEL 300D] screen (event screen) and the [Scanner and Camera Wizard] dialog box appear, click the [Cancel] buttons and close all the open windows.
- When a window appears prompting you to restart your computer, restart the computer.

For Windows 2000, Me and 98 SE users :

- When you set the camera's power switch to <ON>, a dialog box such as [Found New Hardware] or [Create driver information database] appears, depending on your operating system and computer system. If the display automatically clears at this point, installation is complete.



Do not set the camera's power switch to <OFF> until the [Found New Hardware] or [Create driver information database] message automatically disappears.

- When [EOS Kiss REBEL 300D] screen (event screen) and the [Scanner and Camera Wizard] dialog box appear, click the [Cancel] buttons and close all the open windows.
- When a window appears prompting you to restart your computer, restart the computer.

When You Have Problems with Installation

If you have problems with installation, check the items listed below. If the [Add New Hardware Wizard] ([Found New Hardware Wizard] in Windows 2000) dialog box appears while you are checking these items, click the [Cancel] button and disconnect the camera from your computer. Then re-install.

(1) Does your computer comply with these requirements?

- PC with Windows XP, Windows 2000, Windows Me or Windows 98 SE preinstalled and a USB port as a standard feature. (A-8)

(2) Is the camera connected correctly?

- See steps 13 and 14 for the connection method.

(3) Are the camera and computer set up correctly for communication?

- Is the camera's power switch set to <ON>?
- Check that the camera's communication mode is set to [Normal]. See step 12 for information on setting the communication mode.
- Even when the camera's power switch is set to <ON>, operation of the Auto power off function will automatically switch the camera off. To prevent this, set the Auto power off function to [Off]. (Refer to "Menu Settings" in the Instructions provided with your camera.)

(4) Is there sufficient charge left in the camera battery?

- When the camera is connected to a computer, you should use the DC Coupler Kit (optional) so that you can continue using the camera regardless of battery level.

If there are none of the problems listed above and you still cannot install successfully, see "Troubleshooting" (W-80) or "Uninstalling" (W-83) and then repeat the installation procedure from the beginning.

Installing Photoshop Elements 2.0

- You are required to enter the serial number when installing Photoshop Elements 2.0. The serial number is on a sticker attached to the Photoshop Elements 2.0 CD-ROM case.
- If you lose the serial number, you will not be able to install the software. To ensure that you do not lose the serial number, carefully copy the serial number from the CD-ROM case or transfer the serial number sticker into the field below.

1 Load the Adobe Photoshop Elements 2.0 CD-ROM into the CD-ROM drive.

➡ The installation screen automatically appears.

- If the installation screen does not appear, click the [Start] button ▶ [My Computer]. (In other versions of Windows, double-click [My Computer] on the desktop.) Then right-click the icon for the CD-ROM drive containing the Adobe Photoshop Elements 2.0 CD-ROM, select [Open] from the menu that appears and double-click the [AutoPlay] icon.

2 Click the [Next] button.

3 Read the entire User License Agreement carefully. If you agree to the terms of the license, click the [Accept] button.

4 Check that the [Installation] button is selected and click the [Adobe® Photoshop® Elements 2.0] button.

5 Proceed with the installation as directed by the on-screen messages.

For detailed information on installing Photoshop Elements 2.0, refer to the [How_to_Install Read Me] file on the Photoshop Elements 2.0 CD-ROM. To open the [How_to_Install Read Me] file, click the [Start] button ▶ [My Computer]. (In other versions of Windows, double-click [My Computer] on the desktop.) Then right-click the icon for the CD-ROM drive containing the Adobe Photoshop Elements 2.0 CD-ROM and select [Open] from the menu that appears.

Please Register Your Camera!

We recommend you take a moment to register your camera, in order to receive further product information.
To proceed to the online User Registration page, simply click the [User Registration] button from the [EOS DIGITAL SOLUTION DISK].
If there is no response when you click the [User Registration] button, please double-click on the [/SOFTWARE/INSTDATA/ENGLISH/REGIST.HTML] file from Windows Explorer.

2 Getting Ready to Work with Images

This chapter explains how to set the communication mode, how to connect the camera to your computer, and how to use a card reader (third-party product).

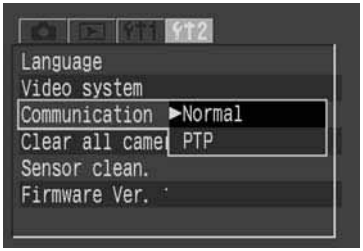
Setting the Communication Mode

To communicate with the camera using the software on the SOLUTION DISK, set the camera's communication mode to [Normal].

If you set the communication mode to [PTP], the SOLUTION DISK software cannot communicate with the camera. When you are using the software, always set the communication mode to [Normal].

1 Check that the camera is not connected to the computer and then set the power switch to <ON>.

2 Set [Communication] in menu option < 🔧2 > to [Normal].



3 Press the <MENU> button to switch the LCD monitor display off and then set the power switch to <OFF>.

When setting the communication mode, always ensure that the camera is not connected to the computer beforehand. Setting the communication mode while the camera is connected to the computer will cause camera and software malfunctions.

About the PTP Setting

The PTP function is only available to Windows XP users. This function provides a simple means of downloading JPEG images to your computer. To use this function, set [Communication] to [PTP] in step 2 above.

- For more information on using the PTP function to download JPEG images, see "Downloading JPEG Images Using the PTP Function in Windows XP" (W-14).

Connecting the Camera to Your Computer

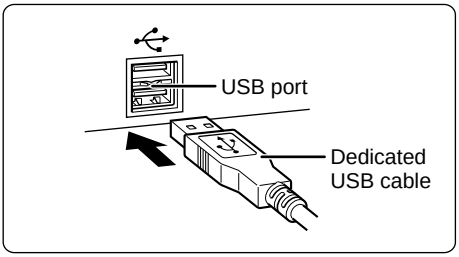
Connect the camera to your computer with the dedicated USB cable so that they can communicate. You can connect the camera while your computer is running.

- **When you connect the camera to your computer, be sure to follow the procedure below.**
- **Never perform the following operations while the software installed from the SOLUTION DISK is running after connecting the camera to the computer as a communications error may occur.**
  - **Set the camera's power switch to <OFF>.**
  - **Open the CF card slot cover.**
  - **Disconnect the dedicated USB cable or remove the battery.**
  - **Disconnect the DC coupler (optional) or unplug the AC adapter (optional) or power cord.**

Before you perform the operations above, be sure to exit the software being used.

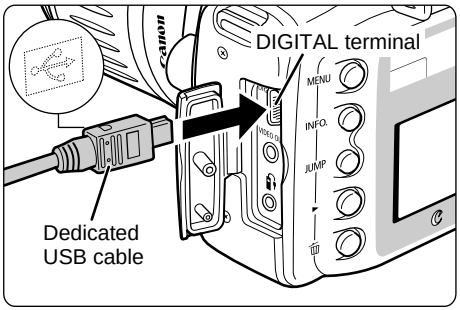
1 Plug the dedicated USB cable into the computer.

- Plug the cable into the USB port on the computer.
- The location of the port differs depending on your computer. Refer to the User's Manual for your computer for details.



2 Plug the dedicated USB cable into your camera.

- Open the cover and plug the cable connector into the < DIGITAL > terminal with the < ⇔ > (USB) icon facing the front of the camera.



3 Set the camera's power switch to <ON>.

➡ The [EOS Kiss REBEL 300D] screen (event screen) and the [Scanner and Camera Wizard] dialog box appear.

- ZoomBrowser EX users should refer directly to "Chapter 6 Working with Images in ZoomBrowser EX".
- If you are not using ZoomBrowser EX, click the [Cancel] button, close all the open windows and refer to the Chapter that deals with your software.

- Use only the dedicated USB cable to connect the camera to your computer.
- Push the plug firmly all the way into the socket. Loose connections can cause faults or malfunctions.
- Connect the camera to the computer directly using the dedicated USB cable. The camera and computer may not operate correctly if you connect them via a hub or if you connect to multiple USB devices.
- The connection may not operate correctly if you are using other USB devices, excluding USB mouse or keyboards, at the same time. If this occurs, disconnect the other USB devices from the computer and try reconnecting the camera.
- Do not connect more than one camera to the same computer. The connections may not operate correctly.
- While the camera and your computer are communicating, the camera's LCD panel may blink and, if you are using the LCD monitor, the image on the monitor may flicker. This is not a malfunction.
- When unplugging the dedicated USB cable, be sure to grip the sides of the plug as you pull it out.
- If you do not perform any operation while the camera and computer are connected, a confirmation message appears on the computer screen asking whether you wish to continue communicating with the camera for some computer systems. If you do not perform any operation even after this message appears, the communication with the camera is terminated. To re-establish the communication, press the shutter button down halfway or set the camera's power switch to <OFF> and then back to <ON>.
- Do not put your computer to sleep while it is connected to the camera.
  If you do put your computer to sleep while it is connected to the camera, never disconnect the dedicated USB cable while your computer is still in sleep mode. Always wake your computer up before disconnecting the camera. On some types of computer, disconnecting the dedicated USB cable while your computer is in sleep mode could prevent the computer from waking up correctly. Refer to the computer User's Manual for more information on Sleep mode.

When the camera is connected to a computer, you should use the DC Coupler Kit (optional) so that you can continue using the camera regardless of battery level.

About Backing up (Copying) Images

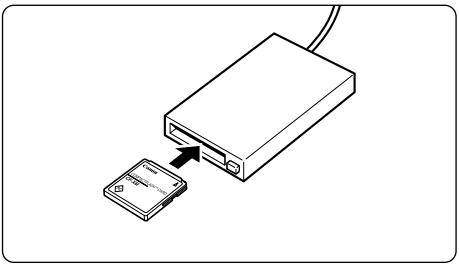
You should back up (copy) the captured images on the hard disk of your computer, etc. before working with EOS DIGITAL SOLUTION DISK.

Inserting a CF Card into Your Card Reader

Users with a third-party card reader can download images directly from a CF card to the computer.

1 **Remove the CF card from the camera.**

2 **Load the card into the card reader.**

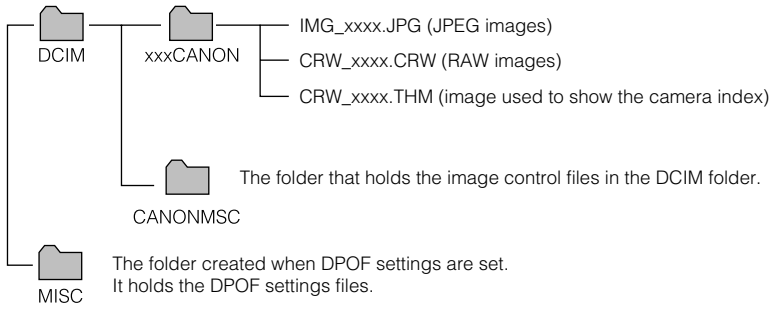


3 **Start your software and download the images.**

For information on connecting the card reader to your computer, refer to the User's Manual provided with the card reader.

CF Card Folder Structure and File Names

The images on a CF card are placed in sub-folders named [xxxCANON], where the "xxx" represents a number between 100 and 999, within the [DCIM] folder.



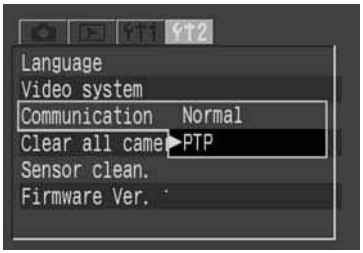
- The "xxxx" in file names represents four-digit numbers.

Downloading JPEG Images Using the PTP Function in Windows XP

Windows XP users can use the PTP (Picture Transfer Protocol) function. The PTP function allows you to download JPEG images stored on a CF card in the camera to your computer without having to start the software provided on the SOLUTION DISK.

1 Set the camera's communication mode to [PTP] (W-10).

- Set [Communication] in menu option < ¶T2 > to [PTP].
- Press the <MENU> button to clear the LCD monitor display.
- When you have finished, switch the camera off.



2 Connect the camera to the computer and set the camera's power switch to <ON> (W-11).

➡ The [Scanner and Camera Wizard] dialog box appears.

3 Download images as directed in the [Scanner and Camera Wizard] dialog box.

- For the procedure for downloading JPEG images using the [Scanner and Camera Wizard], refer to step 2 onwards in "Downloading with [Scanner and Camera Wizard]" (W-60).

3

Working with Images in File Viewer Utility

This chapter explains how to use File Viewer Utility to display and save images stored on a CF card loaded in the camera, and also explains how to perform image processing including processing RAW images and how to transfer images to the retouching software.

- For more information on using File Viewer Utility, refer also to the sources listed below.

  Readme: Click the [Start] button and select [All Programs] ([Programs] in other versions of Windows) ▶ [Canon Utilities] ▶ [FileViewerUtility xx] ("xx" is the version) ▶ [FileViewerUtility Readme].

  Help: Displayed by clicking the [Help] button in the File Viewer Utility main window.

Starting File Viewer Utility

1 **Connect the camera to your computer. (W-11)**

➡ The [EOS Kiss REBEL 300D] screen (event screen) and the [Scanner and Camera Wizard] dialog box appear.

● Click the [Cancel] button and close all the open windows.

2 **Click the [Start] button and select [All Programs] ([Programs] in other versions of Windows) ▶ [Canon Utilities] ▶ [FileViewerUtility xx] ▶ [FileViewerUtility].**

● You can also start File Viewer Utility by double-clicking the [FileViewerUtility] icon on the desktop.

● File Viewer Utility version information is displayed in xx.

➡ The File Viewer Utility main window appears.

File Viewer Utility main window

Show/Hide Thumbnail Frames button (W-25)

Menu bar
Displays the [File], [Edit], [View], and [Help] menus.

Path display
Displays the connected camera, drive on your computer and folder.

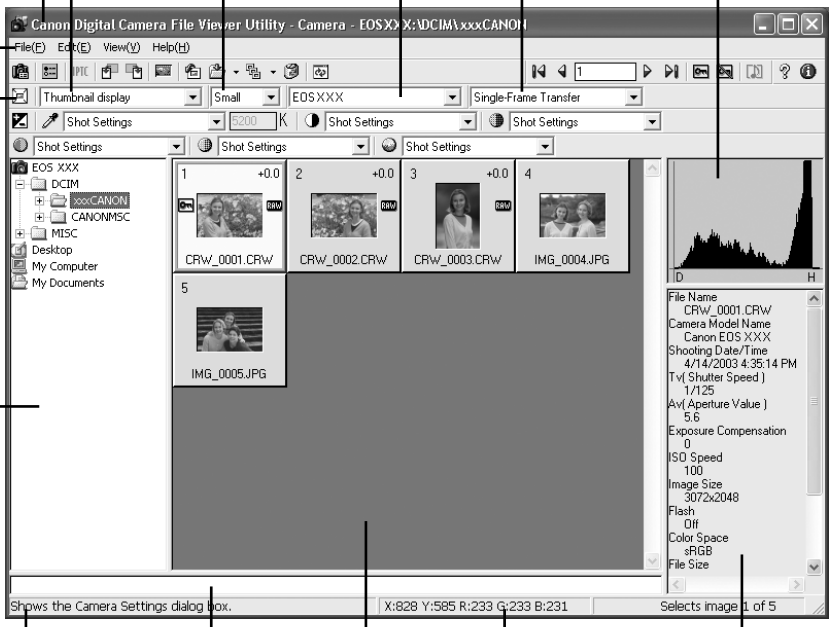
Display Mode list box (W-23)

Display Size list box (W-24)

Model-specific processing mode list box (W-22)

Image transfer mode list box (W-43)

Histogram
Shows the distribution of the brightness of an image.



Status bar

Comment input box (W-28)

Image information display area (W-28)

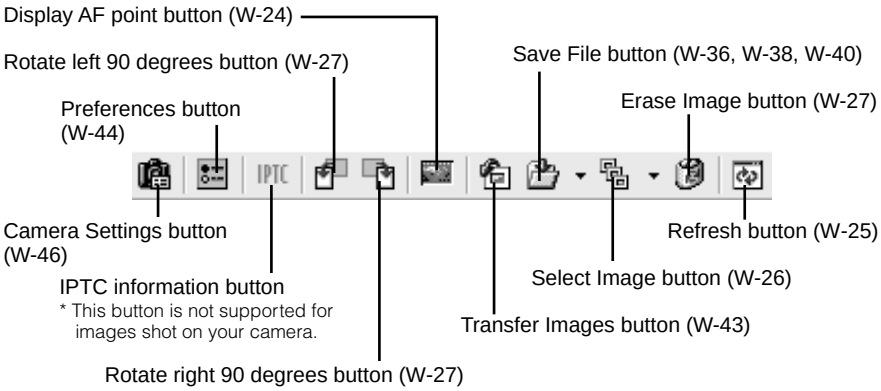
Tree View Area (W-20)

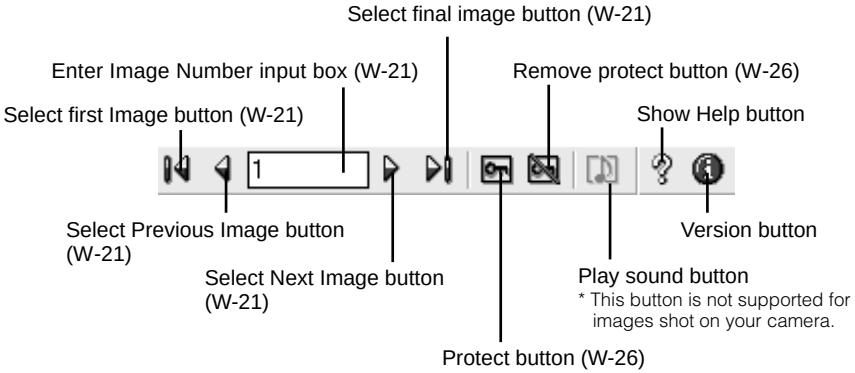
RGB value display
When you move the cursor over an image, the coordinates of the cursor position and its RGB values (8-bit conversion) are shown here.

Image display area

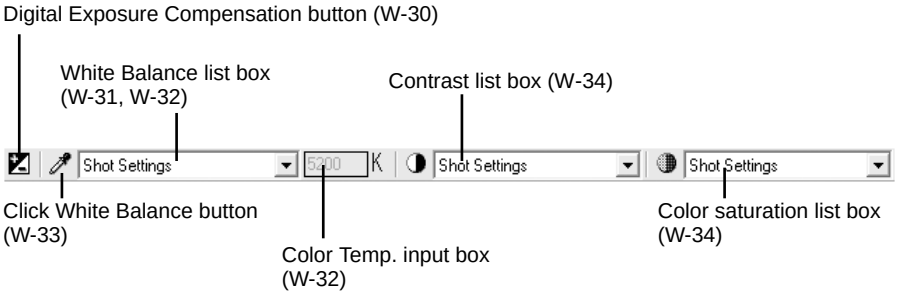
* The above window shows all the information at once. In actual use, only the information needed is displayed.

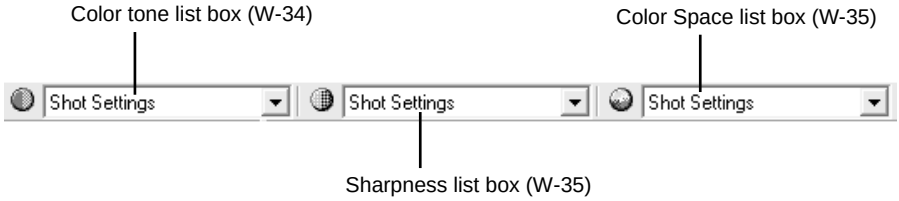
- To exit File Viewer Utility, select [Exit] from the [File] menu on the menu bar.





* The above window shows all the information at once. In actual use, only the information needed is displayed.





* The above window shows all the information at once. In actual use, only the information needed is displayed.

Displaying Images

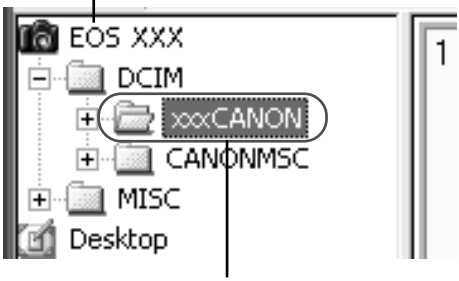
You can display images stored on a CF card in a camera or your computer.
RAW images are processed and displayed according to the processing parameters set on the camera.
You can display images stored on a CF card via the dedicated USB cable while the CF card is still in the camera. Or you can display images stored on a CF card using a third-party card reader.
This section describes how to display images stored on a CF card in the camera.

Select a folder that contains images to be displayed.

- Double-click [EOS DIGITAL REBEL] and then click the plus symbol [+] to the left of the [DCIM] folder ▶ the [100CANON] folder in [Tree View Area].

➡ The images saved in the selected folder are displayed.

Your camera model is displayed.



A number between 100 and 999 is displayed.

- Images that have been processed on your computer after being shot or images whose file name has been changed may not be displayed properly.
- Deleting a folder erases all the images in that folder. Erased images cannot be restored. Check carefully before deleting folder.

- The following images can be displayed in File Viewer Utility.
  - JPEG images shot on a Canon digital camera
  - RAW images shot on a Canon digital camera
  - TIFF and JPEG images saved in File Viewer Utility (W-36)

  * Images that cannot be displayed by File Viewer Utility appear as a question mark [?].
- When you are displaying images stored on a computer or images on a CF card using a third-party card reader, you can display the images in a folder by clicking that folder in the same way.
- Images for which [Auto rotate display orientation] is set that were shot with the camera held vertically are automatically displayed vertically.
- If the selected folder contains a large number of images, there may be a short delay before the images appear.
- You can copy or move a folder in [Tree View Area] by dragging and dropping it onto another folder. On the menu that is displayed by right-clicking on the folder, you can create and delete the folder, or change the folder name.

Selecting Images

Selecting Images with the Mouse

Position the mouse cursor over the image and click on it.

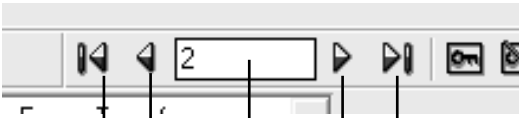
- To select multiple images, hold down the <Ctrl> key and click the images.
- To select consecutive images, click the first image and then hold down the <Shift> key and click the last image.

➡ The frame around the selected image changes color.

To select an image using the keyboard, use the arrow keys (↑ ← → ↓) to select an image.

Selecting Images from the Control Panel

Use the button or input a value.



[Select first Image] button
Selects the first thumbnail image displayed.

[Select Previous Image] button
Selects the image before the currently selected image.

[Enter Image Number] input box
Selects the image with the specified number. You can enter a number between 1 and 9999.
Enter the number and press the <Enter> key.

[Select final image] button
Selects the last thumbnail image displayed.

[Select Next Image] button
Selects the next image.

Selecting the Model-Specific Processing Mode

You can display the RAW image process tool bar to check and modify the processing used for RAW images.
By selecting the model of the camera on which images were shot (model-specific processing mode) in the [Model-specific processing mode] list box, you can check and/or modify the processing used for RAW images shot on the selected camera.

Select a model-specific processing mode from the [Model-specific processing mode] list box.

[Common Processing]

The RAW image process tool bar is hidden and the settings for RAW image processing cannot be changed.

[EOS DIGITAL REBEL] / [EOS 300D DIGITAL]

The RAW image process tool bar is displayed. By selecting RAW images, you can check and/or modify the image processing used. When a JPEG image is selected, however, the RAW image process tool bar is grayed out and disabled.

When images shot on Canon cameras other than your camera are saved in the selected folder or on a CF card in the connected camera, the model-specific processing mode for the camera on which the images were shot is automatically added to the [Model-specific processing mode] list box.

- See “Modifying RAW Image Processing Parameters” (W-29) for information on how to change the RAW image processing parameters.
- If you select any other camera from [Model-specific processing mode] list box, the RAW image process tool bar for the selected camera is displayed.

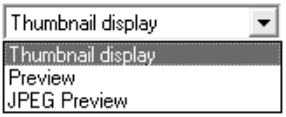
Selecting the Image Display Mode

You can select the mode and size used when images are displayed. You can also display the AF point and choose whether the information display frame for thumbnail images is displayed.

Selecting the Display Mode

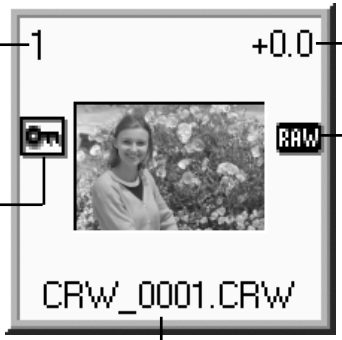
Click the [Display Mode] list box and select the mode.

➡ The images are displayed in the selected display mode.



■ [Thumbnail display]

This shows multiple images arranged in sequence. The information shown below is also displayed for the images.



Display number
Numbers are assigned sequentially to the displayed images starting with the first image.

Protect mark (W-26)
This mark is displayed for protected images.

Digital exposure compensation value (W-30)

Recording format
The [RAW] symbol is displayed for RAW images. No symbol is shown for JPEG images.

File name or shooting date/time
The items selected in the [Image Lower Display Item] list box in the [General Settings] tab sheet of the [Preferences] dialog box (W-44) are displayed.

■ [Preview]

RAW images are displayed as single RAW images and JPEG images are displayed as single JPEG images.

■ [JPEG Preview]

When you select a RAW image, simultaneously recorded JPEG image (Middle/Fine) in the RAW image is displayed as a single image.
When you select a JPEG image, it is displayed as a single image just like the [Preview] mode.

- When you start File Viewer Utility, images are always shown in the [Thumbnail display] mode.
- If you double-click on the thumbnail-displayed image, it is displayed in the [Preview] mode.
- When you use your camera to shoot a RAW image, a JPEG image (Middle/Fine) is recorded at the same time. When you select [JPEG Preview] for a RAW image, the JPEG image (Middle/Fine) included in the RAW image is displayed.

Selecting the Display Size

Click the [Display Size] list box and select the display size.

➡ The image is displayed in the selected display size.

In the [Preview] mode, the available image sizes are [Large] (100% – pixel-equivalent), [Middle] (50%) and [Small] (25%).

Checking the AF Point

The AF point used when the shot was taken can be displayed.

1 Select [Preview] or [JPEG Preview] from the [Display Mode] list box. (W-23)

2 Click the [Display AF point] button.

➡ The AF point used when the shot was taken is displayed.

● Click the button again to hide the AF point.

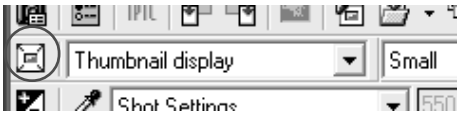
For images taken with One-Shot AF, the active AF point is displayed. When the shot was taken with automatic AF point selection, multiple active AF points might be displayed.

Showing/Hiding the Information Display Frame of Thumbnail Images

You can hide the information displayed on the frame of the thumbnail images (W-23) to display more images in the image display area.

1 **Select [Thumbnail display] from the [Display Mode] list box. (W-23)**

2 **Click the [Show/Hide Thumbnail Frames] button.**



➡ The information display frame of the thumbnail image is hidden.

● Click the button again to display the information display frame of the thumbnail image.

Updating Information on Main Window

If you alter the content of the folders currently displayed in [Tree View Area] (by copying or deleting images) while the images in a folder are displayed in the main window, the information shown in the main window may no longer match the actual folder content. If this occurs, update the main window display so that it matches the new folder information.

Click the [Refresh] button.

➡ The information displayed in the main window is updated.

Showing/Hiding Image Information

You can hide the histogram and image information display area to display more images in the image display area.

Select the [View] menu ▶ [Information Area] ▶ [Hide].

➡ The histogram and image information display area are hidden.

● If you select the [View] menu ▶ [Information Area] ▶ [Show], the histogram and image information display area are displayed.

Working with Selected Images

Protecting Images

You can protect important images to prevent them from being accidentally erased.

Click the [Protect] button.

➡ The image is protected and the [ ] icon appears in the information display frame for the image.

- Clicking the [Remove protect] button unprotects the image and clears the [ ] icon from the information display frame for the image.

- When multiple images are selected, all the selected images are protected.
- The [ ] is automatically displayed for images that were protected on the camera.
- Protection only prevents images from being erased. Other types of image processing can still be performed for protected images.
- A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

Selecting Images by Condition

This feature allows you to select multiple images in a single operation using conditions.

Click the [Select Image] button and select the condition from the menu that appears.

➡ Only images that meet the condition are selected.

Rotating Images

Use the procedure below to rotate a selected image by 90-degree increments left or right.

Rotate the image.

- To rotate the image right (clockwise), click the [Rotate right 90 degrees] button.
- To rotate the image left (counterclockwise), click the [Rotate left 90 degrees] button.

➡ The image rotates 90 degrees in the selected direction.

- When multiple images are selected, all the selected images are rotated.
- Images for which [Auto rotate display orientation] is set that were shot with the camera held vertically are automatically displayed vertically.
- If a rotated image is displayed in another application, the image may not appear rotated.
- A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

Erasing Images

Use the procedure below to erase unwanted images from a CF card or your computer.

1 Click the [Erase Image] button.

➡ An erase confirmation dialog box appears.

2 Click the [OK] button.

➡ The image is erased.

- Erased images cannot be restored. Check carefully before erasing images.
- Protect important images (W-26) to prevent them from being accidentally erased.
- When multiple images are selected, all the selected images are to be erased. Take particular care when you have just finished a task involving the selection of multiple images.

A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

Checking the Image Information and Entering Comments

Shooting information is recorded when images are taken. You can check the shooting information by selecting the image. Also, you can copy shooting information to paste it into another application, and you can add a comment.

Image information display area

- Displays information such as the file name, camera model name and shooting data. The number of items displayed differs depending on the camera settings.
- When you select multiple images, the information from the image selected last is displayed.
- You can copy the information as text data and paste it into another application.

Comment input box

You can use this box to type in a comment up to 120 characters long.
Type in your comment and press the <Enter> key.

When the shot was taken using Adobe RGB
To transfer images shot in Adobe RGB color to retouching software for displaying, use retouching software that supports Adobe RGB and specify [AdobeRGB] as the RGB setting for display.

Printing Images

You can use File Viewer Utility to print images in index format.

1 **Select images to be printed in index format (W-21).**

2 **Select [Print Index] in the [File] menu.**
➡ Printing begins.

If you wish to specify the printer settings, select [Page Setup] from the [File] menu.

Processing RAW Images

RAW images are processed based on the settings specified on the camera (including the processing parameters and white balance) and then displayed on the computer.

- RAW images are processed in the following situations:
  - When the display mode is switched from [Thumbnail display] to [Preview]
  - When the processing parameters are changed while the image is displayed in [Preview] or [Thumbnail display] mode
  - When the image is converted to the TIFF or JPEG format and saved
  - When the image is converted to the TIFF format and transferred to the designated retouching software

  * Linear processing and false color suppression can only be specified when an image is saved or is transferred to retouching software (W-45).

- Approximate processing times

Processing Parameters		Processing Time
When RAW images saved on a CF card in the camera are processed	When the display mode is switched from [Thumbnail display] to [Preview]	Approx. 35 sec.
	Image converted to TIFF format and transferred to the specified retouching software	Approx. 49 sec.
When RAW images saved on the computer's hard disk are processed	When the display mode is switched from [Thumbnail display] to [Preview]	Approx. 8 sec.
	Image converted to TIFF format and transferred to the specified retouching software	Approx. 22 sec.

- **The processing times given here are only approximations. Actual processing times vary widely depending on the images and the computer system.**
- Processing times are based on Canon testing standards. (OS: Windows XP; CPU: 2.2 GHz Pentium 4; RAM: 256 MB)
- The processing time in the retouching software includes starting up time of the retouching software.

Modifying RAW Image Processing Parameters

File Viewer Utility allows you to modify the image processing parameters until the displayed RAW image is optimal for its intended purpose. You can also specify additional processing parameters not available on the camera, such as digital exposure compensation and white balance adjustment using the Click White Balance function.

- This processing applies the specified parameters virtually and does not affect the original RAW images in any way. Consequently, you can redo the processing as often as you like with different parameters and then reset the modified parameters to the settings used when the shot was taken.

1 Select [EOS DIGITAL REBEL] from the [Model-specific processing mode] list box. (W-22)

2 Select the RAW image to be processed. (W-21)

- See the following information on how to modify the processing parameters.

3 Save (W-36) and transfer (W-42) the image.

- You can specify the bit depth used when the image is saved and transferred in the [RAW Image Processing settings] tab sheet in the [Preferences] dialog box (W-45).

Processing parameters modified in File Viewer Utility are all cancelled and the parameters used when the shot was taken are restored when you exit File Viewer Utility. Consequently, you should convert images with modified parameters to the TIFF or JPEG format and save them, or transfer them to the retouching software and save them.

If you selected multiple images, the specified processing parameters are applied to all the selected RAW images.

Compensating the Brightness (Digital Exposure Compensation)

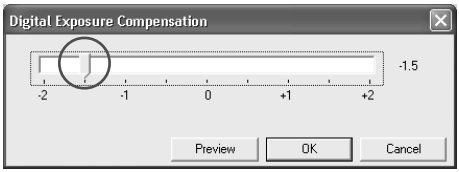
You can compensate the brightness of an image in the range of +/–2 stops in 0.1-stop increments.

1 Click the [Digital Exposure Compensation] button.

➡ The [Digital Exposure Compensation] dialog box appears.

2 Compensate the image brightness.

- Position the mouse cursor over the slider and drag it left or right to adjust the amount of compensation.
- When you click the [Preview] button, the image brightness changes to reflect the value to which the slider was dragged.



3 Click the [OK] button.

➡ The corrected value is applied to the image and the [Digital Exposure Compensation] dialog box closes.

➡ The corrected value is displayed with the corrected image.

Adjusting the White Balance

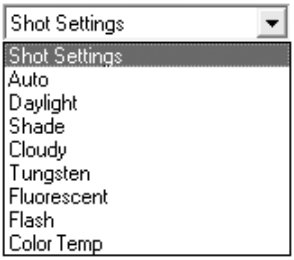
You can adjust the white balance in your RAW images.
You can adjust the white balance by selecting a setting in the [White Balance] list box. You can also make fine adjustments to the white balance by using the Click white balance function, which allows you to adjust the white balance by selecting a white area in the image.

Select the White Balance

Select the desired setting from the [White Balance] list box.

- The table below shows the 9 available white balance settings.

➡ The selected setting is applied to the image.

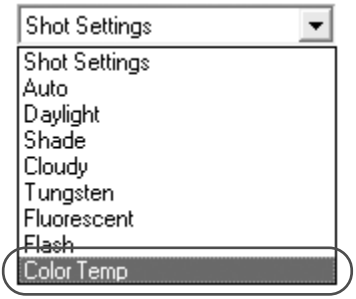


White Balance	Details	Color temp./K (Kelvin)
Shot Settings	To apply the white balance setting used when the shot was taken.	–
Auto	File Viewer Utility automatically sets the white balance.	Approx. 3000 to 7000
Daylight	For sunny daylight outdoors.	Approx. 5200
Shade	For shaded areas outdoors.	Approx. 7000
Cloudy	For cloudy or hazy days and during sunset.	Approx. 6000
Tungsten	For tungsten (light bulb) light.	Approx. 3200
Fluorescent	For fluorescent light.	Approx. 4000
Flash	When flash is used.	Approx. 6000
Color Temp	You can manually set color temperature for 2800 to 10000K (in 100K increments). (W-32)	Approx. 2800 to 10000

Setting the Color Temperature

You can set the color temperature to a value between 2800K and 10000K (in 100K increments).

1 Select [Color Temp] from the [White Balance] list box.



2 Enter a color temperature.

- Enter the color temperature in the [Color Temp.] input box.
- You can enter values between 2800K and 10000K (in 100K increments).

3 Press the <Enter> key.

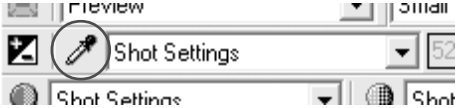
➡ The specified value is applied to the image.

Click White Balance Function

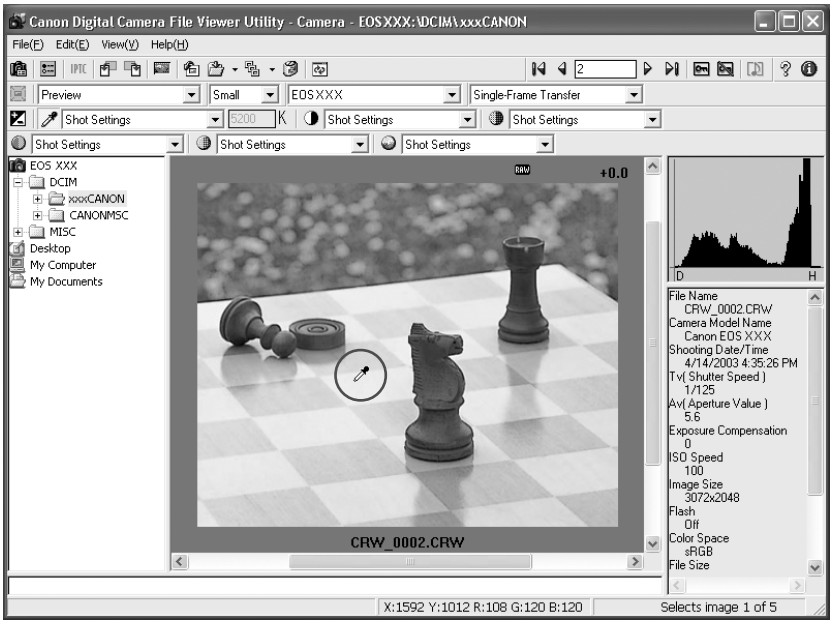
This function allows you to automatically adjust the white balance simply by clicking a point in a white part of the image.

1 Click the [Click White Balance] button.

➡ When you move the cursor over the image, it changes to the shape of an eyedropper.



2 Click in a white area in the image.



➡ The white balance is adjusted so that the area clicked appears white and the result is displayed.

- To adjust the white balance using a different location, click the [Click White Balance] button again.

When you use Click White Balance Function, [White Point] is displayed in the [White Balance] list box.

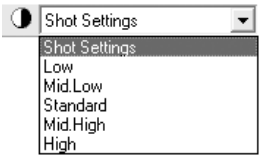
Adjusting the Color in Images

Use the procedures below to adjust the color parameters (contrast, color saturation and color tone) in images. You can adjust the color by selecting settings from the respective list boxes.

Adjusting the Contrast

Select the desired setting from the [Contrast] list box.

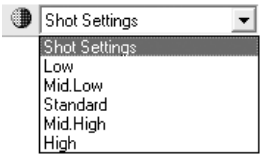
➡ The selected setting is applied to the image.



Adjusting the Color Saturation

Select the desired setting from the [Color saturation] list box.

➡ The selected setting is applied to the image.

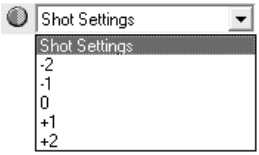


Adjusting the Color Tone

Select the desired setting from the [Color tone] list box.

➡ The selected setting is applied to the image.

● [–2] strongly adjusts the colors so that skin tones appear redder while [–1] makes the same adjustment less strongly.
[0] applies the standard color matching adjustment.
[+2] strongly adjusts the colors so that skin tones appear yellower while [+1] makes the same adjustment less strongly.

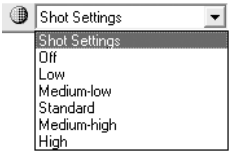


Adjusting the Sharpness

You can adjust the edge sharpness of the image.

Select the desired level from the [Sharpness] list box.

➡ The selected level is applied to the image.

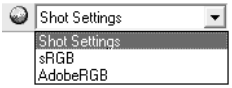


Specifying the Color Space

Use the procedure below to change the color space for the image.

Select the desired setting from the [Color Space] list box.

➡ The selected setting is applied to the image.



When transferring images that were set to [AdobeRGB] to retouching software, use retouching software that supports Adobe RGB and specify [AdobeRGB] as the RGB setting for display.

Copying the Processing Parameters for RAW Images

This process allows you to quickly and easily apply the processing parameters used for one RAW image (such as the digital exposure compensation and white balance adjustment settings) to other images.

1 Right-click a RAW image that has been processed and select [Copy Current Conditions] from the menu that appears.

2 Right-click the RAW image to which you want to apply the parameters and select [Paste Current Conditions] from the menu that appears.

➡ The copied processing parameters are applied to the selected RAW image.

- You can apply the same processing parameters to multiple RAW images by copying the processing parameters, selecting the RAW images (W-21), right-clicking one of the selected images and then selecting [Paste Current Conditions] from the menu that appears.

When you exit File Viewer Utility, all the modified processing parameters are cancelled and the parameters used when the shot was taken are restored. (W-29)

Saving Images

This section explains how to save captured images stored on a CF card onto your computer, how to extract JPEG images from RAW images using a simple procedure and then save the JPEG images onto your computer, and how to save multiple images as an index file on your computer.

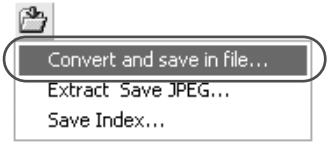
Saving Images from the Camera to Your Computer

You should save the images you have shot on your computer.

1 **Select images to be saved. (W-21)**

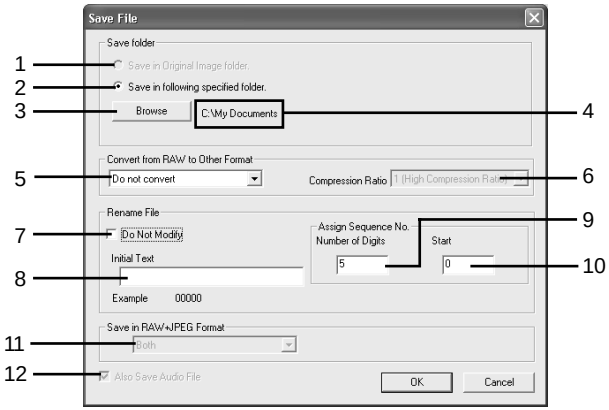
2 **Click the [Save File] button and select [Convert and save in file] from the menu that appears.**

➡ The [Save File] dialog box appears.



3 **Specify the desired settings and click the [OK] button.**

➡ The images are saved in the selected folder.



1 The converted image is saved as a new image in the same folder as the selected image. You cannot use this option when the images selected are saved on a CF card in the camera. This option is only available when the selected images are saved on your computer or on a CF card in a card reader.
2 Use this button when you want to specify the folder in which the image will be saved.
3 When the [Save in following specified folder] radio button is selected, this button specifies the folder in which the image will be saved.
4 Shows the folder in which the image will be saved.
5 Select this option when the images to be saved include RAW images.
Select [Do not convert], [Exif-JPEG], [Exif-TIFF(8bit/ch)] or [TIFF(16bit/ch)].
The file extensions used for the saved files are shown below.

Conversion Format	File Extension
Do not convert	_.CRW
Exif-JPEG	_RJ.JPG
Exif-TIFF(8bit/ch)	_RT8.TIF
TIFF(16bit/ch)	_RT16.TIF

To use linear processing, specify linear processing in the [Preferences] dialog box (W-45) and select [TIFF(16bit/ch)] when you save the image. Even when linear processing is specified, linear processing cannot be applied to images saved in [Exif-TIFF(8bit/ch)] format.

6 You can specify the [Compression Ratio] (image quality) when you select [Exif-JPEG] from the [Convert from RAW to Other Format] list box. You can select from 4 compression ratios-[4 (Highest Image Quality)] to [1 (High Compression Ratio)]. The higher the value, the higher the quality of the JPEG image.
7 Click this checkbox when you want to save the image without changing the name.
8 This is text inserted before the file number for sorting. You can enter up to 12 characters. When you enter text, an example of the file name appears in the [Example] field below the text box.
9 You can specify up to 9 digits for the file number.
10 Specifies the first file number.
11 Images shot on your camera do not support this function.
12 Images shot on your camera do not support this function.

A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

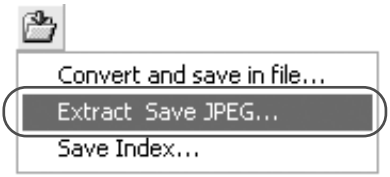
Extracting JPEG Images from RAW Images

When a RAW image is shot on your camera, a JPEG image (Middle/Fine) is recorded at the same time. You can save the JPEG image (Middle/Fine) included with the RAW image to your computer by selecting the RAW image shot on your camera and extracting the JPEG image.

1 Select the RAW image from which a JPEG image is to be extracted. (W-21)

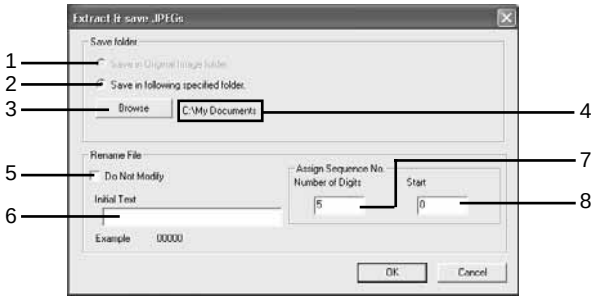
2 Click the [Save File] button and select [Extract Save JPEG] from the menu that appears.

➡ The [Extract & save JPEGs] dialog box appears.



3 Specify the desired settings and click the [OK] button.

➡ The JPEG image is saved in the selected folder.



1 The converted image is saved as a new image in the same folder as the selected image. You cannot use this option when the images selected are saved on a CF card in the camera. This option is only available when the selected images are saved on your computer or on a CF card in a card reader.

2 Use this button when you want to specify the folder in which the image will be saved.

3 When the [Save in following specified folder] radio button is selected, this button specifies the folder in which the image will be saved.

4 Shows the folder in which the image will be saved.

5 Click this checkbox when you want to save the RAW image without changing the name.

6 This is text inserted before the file number for sorting. You can enter up to 12 characters. When you enter text, an example of the file name appears in the [Example] field below the text box.

7 You can specify up to 9 digits for the file number.

8 Specifies the first file number.

A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

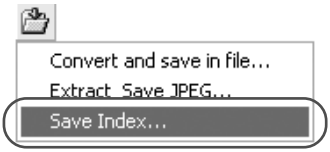
Saving Images as an Index File

This function combines multiple images into an index image and saves the index on your computer as a single JPEG file.

1 Select images to be saved as an index. (W-21)

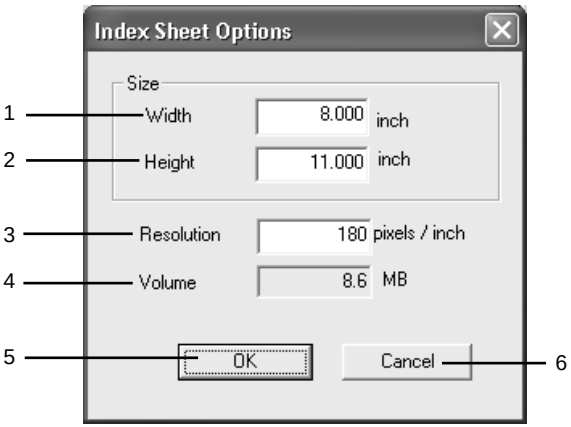
2 Click the [Save File] button and select [Save Index] from the menu that appears.

➡ The [Index Sheet Options] dialog box appears.



3 Enter the settings and click the [OK] button.

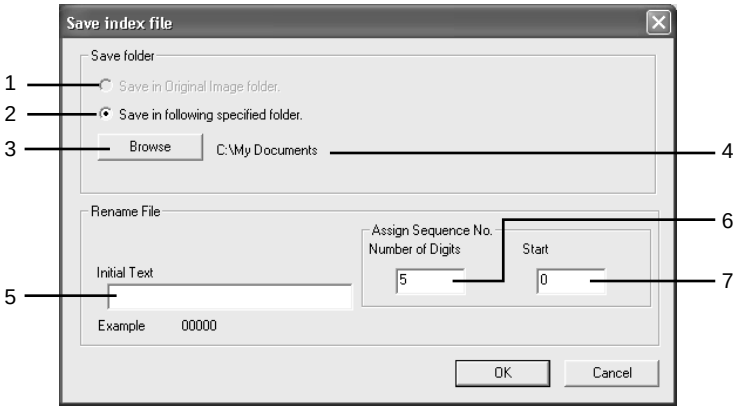
➡ The [Save index file] dialog box appears.



1 Enter the width of the index sheet to be created. You can specify values between 4 and 11 inch.
2 Enter the height of the index sheet to be created. You can specify values between 4 and 11 inch.
3 Enter the resolution of the index images. You can specify values between 50 and 300 pixels per inch.
4 Indicates the projected image file size based on the specified width, height and resolution.
5 The settings are applied and the [Index Sheet Options] dialog box closes.
6 Cancels the index sheet options settings.

4 Specify the desired settings and click the [OK] button.

➡ The images are saved as an index in the selected folder.



1 The converted image is saved as a new image in the same folder as the selected image. You cannot use this option when the images selected are saved on a CF card in the camera. This option is only available when the selected images are saved on your computer or on a CF card in a card reader.

2 Use this button when you want to specify the folder in which the image will be saved.

3 When the [Save in following specified folder] radio button is selected, this button specifies the folder in which the image will be saved.

4 Shows the folder in which the image will be saved.

5 This is text inserted before the file number for sorting. You can enter up to 12 characters. When you enter text, an example of the file name appears in the [Example] field below the text box.

6 You can specify up to 9 digits for the file number.

7 Specifies the first file number.

Transferring Images to Retouching Software

This section describes how to transfer images displayed in File Viewer Utility to the retouching software and also describes how to make settings for image transfer.

- **In order to transfer images, you will need the retouching software such as Adobe Photoshop Elements 2.0.**
- **Be sure to make the image transfer settings before transferring images.**

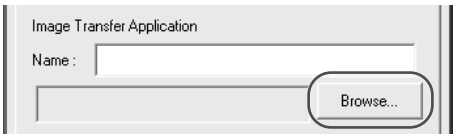
Specifying the Image Transfer Settings

Before transferring images, it is necessary to specify the retouching software to which images will be transferred and the folder for saving the transferred images. The descriptions given here show how to transfer images to Photoshop Elements 2.0, as an example.

1 Display the [General Settings] tab sheet in the [Preferences] dialog box. (W-44)

2 Click the [Browse] button of [Image Transfer Application].

➡ The dialog box for selecting the retouching software appears.



3 Select [PhotoshopElements] and then click the [Open] button.

- Select [C:] drive ▶ [Program Files] ▶ [Adobe] ▶ [Photoshop Elements 2].

➡ Photoshop Elements 2.0 is specified as the retouching software to which images will be transferred and then the [General Settings] tab sheet appears.

4 Click the [Browse] button of [Image transfer folder].

➡ The dialog box for selecting the folder to which images are transferred (saved) appears.

5 Select the folder to be used for saving the transferred images and then click the [OK] button.

➡ The folder is specified and then the [General Settings] tab sheet appears.

6 Click the [OK] button.

➡ The settings are applied and the [Preferences] dialog box closes to end the procedure.

It is not necessary to specify the retouching software to which the images will be transferred and the folder for saving the transferred image every time unless you wish to change those settings.

Transferring Images

This section describes how to transfer the images displayed in File Viewer Utility to the retouching software. Although the descriptions given here show how to transfer images to Photoshop Elements 2.0, as an example, you can also transfer images by following the same procedure even if you specify any other retouching software in “Specifying the Image Transfer Settings”.

1 Select images to be transferred. (W-21)

2 Select the transfer mode from the [Image transfer mode] list box.

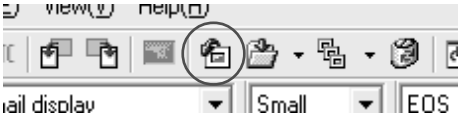
- There are 2 available transfer modes.
  [Single-Frame Transfer]:
  The selected images are transferred as an individual image.
  [Transfer as Index Image]:
  Thumbnails are created for the selected images and transferred as an index sheet (JPEG format).

3 Click the [Transfer Images] button.

➡ If you selected [Transfer as Index Image], the [Index Sheet Options] dialog box appears.

➡ If you selected [Single-Frame Transfer], the image will be transferred.

- For information on how to make settings in the [Index Sheet Options] dialog box, refer to step 3 in “Saving Images as an Index File” (W-40).



4 Enter the settings and click the [OK] button.

➡ Photoshop Elements 2.0 starts up and displays the transferred image.

➡ The transferred image is saved in the image transfer folder that you have set.

➡ RAW images are processed and then converted to TIFF format before being transferred.

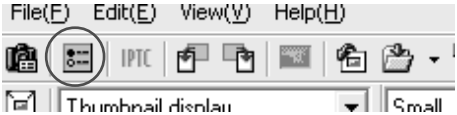
A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

Specifying the Preferences

You can use the procedure below to specify the settings for image transfer and the processing parameters used for RAW images when images are transferred and saved.

1 Click the [Preferences] button.

➡ The [Preferences] dialog box appears.

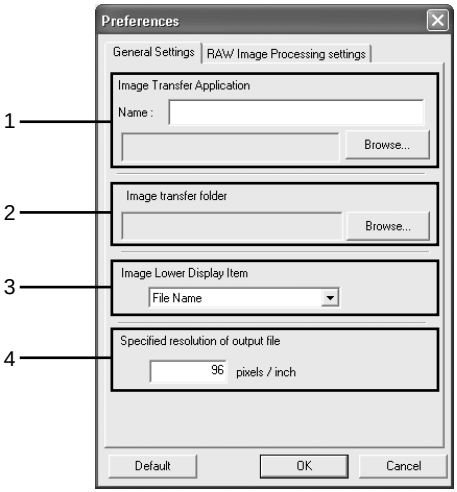


2 Select the [General Settings] tab or the [RAW Image Processing settings] tab.

➡ The selected tab sheet appears.

3 Specify the desired settings and click the [OK] button.

➡ The settings are applied and the [Preferences] dialog box closes to end the procedure.



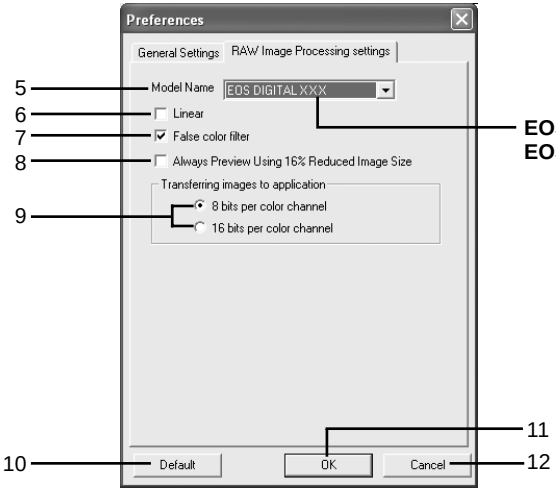
● **You can specify the settings shown below in the [General Settings] tab sheet.**

1 When you click the [Transfer Images] button (W-43), the retouching software to which the image will be transferred is specified. (W-42)

2 Specify the folder for saving the image to be transferred to the retouching software. (W-42)

3 Specify the information to be displayed below images. Select [File Name] or [Shooting Date/Time] in the list box.

4 Sets the resolution used when images are transferred to a retouching software such as Photoshop Elements 2.0. You can specify values between 10 and 2000 pixels per inch.



- **You can specify the settings shown below in the [RAW Image Processing settings] tab sheet.**

  The settings described here are those shown when [EOS DIGITAL REBEL] / [EOS 300D DIGITAL] is selected in the [Model Name] list box.

5 Select [EOS DIGITAL REBEL] / [EOS 300D DIGITAL].

* When images shot on a Canon camera are saved in the selected folder or on a CF card in the connected camera, the camera model is automatically added to the list of camera models.

6 If you select this option, image adjustment is not performed. Select this option when you want to use your own retouching software to make fine adjustments to the saturation.

7 Clicking this checkbox neutralizes false colors.

8 When you click this checkbox, a 16% reduced image is shown in the [Preview] mode.

9 Select [8 bits per color channel] or [16 bits per color channel] as the bit rate.

- **The buttons listed below are displayed in each of the tab sheets. They function in the same way in each sheet.**

10 Restores the default settings for all the parameters in the currently displayed tab sheet.

11 Applies the specified parameters, closes the [Preferences] dialog box and ends the procedure.

12 Cancels all the settings, restores the parameters to their original values and ends the procedure.

When you select any other camera in the [Model Name] list box, the available settings for the respective camera model are displayed.

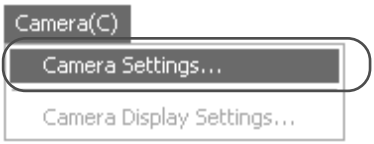
Specifying the Camera Settings

Use the procedure described here to apply the owner name and date and time settings to the camera. The owner name, and date and time that were applied on the camera are recorded with the images.
You can also format (initialize) CF cards and check the camera properties data and the status of the battery and the CF card.

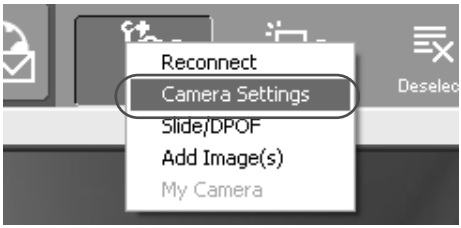
Display the [Camera Settings] dialog box.

- To display this dialog box from File Viewer Utility, click the [Camera Settings] button in the main window.

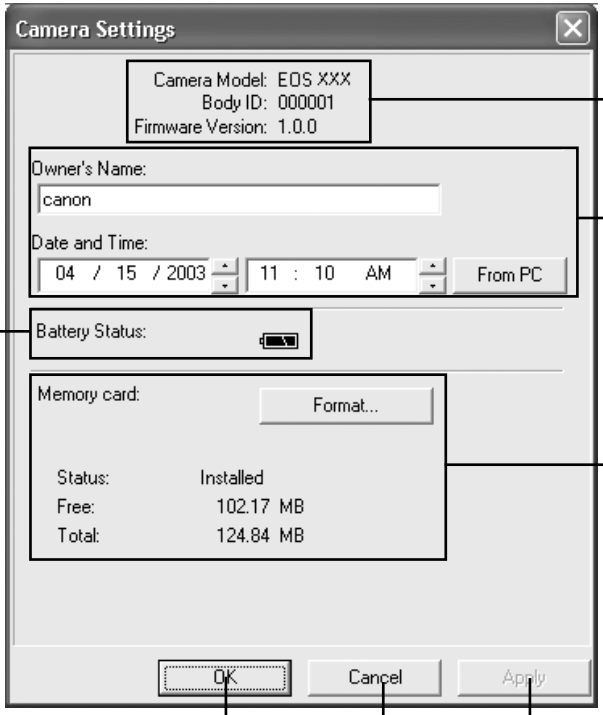
- To display this dialog box from RemoteCapture, select [Camera Settings] from the [Camera] menu in the Shooting window.



- To display this dialog box from ZoomBrowser EX, click the [Set] button in the Camera window and select [Camera Settings] from the menu that appears. See Chapter 6 “Working with Images in ZoomBrowser EX” for information on how to display the Camera window.



➡ The [Camera Settings] dialog box appears.



This box shows the camera model, body ID (serial number) and firmware version.

These fields set the camera owner and the date and time. You can enter up to 31 characters in [Owner's Name].

This box shows whether a CF card is loaded in the camera along with the available space on the card and its total capacity. You can also format a CF card from this box.

Applies the specified settings, closes the [Camera Settings] dialog box and ends the procedure.

Applies the settings.

The battery level of the camera is indicated by [ ] or [ ]. When the camera is connected to a household power source using the DC Coupler Kit (optional), [ ] is displayed.

Cancels all the settings, restores the parameters to their original values and ends the procedure.

Formatting (initializing) a CF card erases all the data on the card. Because formatting also erases protected images, you should check the data recorded on the card carefully before proceeding.

Setting the Owner's Name, Date and Time

1 Enter the Owner's Name.

- Type in the name from your keyboard. You can enter up to 31 characters.

2 Set the Date and Time.

- You can click Date or Time with the mouse and use the [▲] and [▼] buttons to set the Date and Time, or you can enter the desired date and time from the keyboard. Clicking the [From PC] button imports the Date and Time data from your computer.

3 Click the [Apply] button.

➡ The owner's name, date and time settings are applied to the camera.

- Once you click the [Apply] button, the settings remain effective until you reset the owner's name, date or time.
- Clicking the [OK] button applies the specified settings, closes the [Camera Settings] dialog box and ends the procedure.

4

Operating the Camera from Your Computer

This chapter describes the operations using the RemoteCapture software, such as remote shooting, timer shooting and interval timer shooting.

- For more information on using RemoteCapture, refer also to the sources listed below.

  Readme: Click the [Start] button and select [All Programs] ([Programs] in other versions of Windows) ▶ [Canon Utilities] ▶ [RemoteCapture xx] (“xx” is the version) ▶ [RemoteCapture Readme].

  Help: Displayed by clicking the [Help] button in the Save window.

Starting RemoteCapture

1 **Connect the camera to your computer. (W-11)**

➡ The [EOS Kiss REBEL 300D] screen (event screen) and the [Scanner and Camera Wizard] dialog box appear.

● Click the [Cancel] button and close all the open windows.

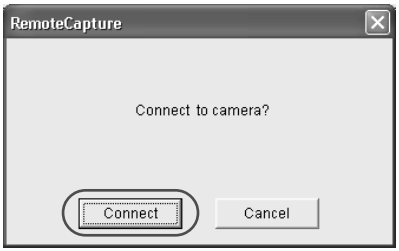
2 **Click the [Start] button and select [All Programs] ([Programs] in other versions of Windows) ▶ [Canon Utilities] ▶ [RemoteCapture xx] ▶ [RemoteCapture].**

● RemoteCapture version information is displayed in xx.

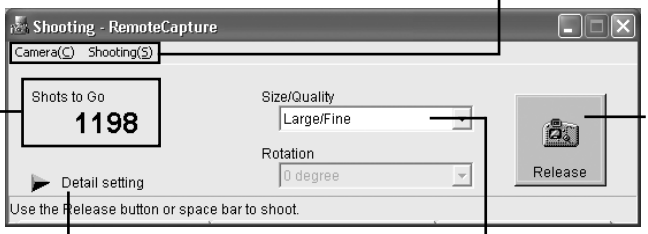
➡ The [Connect to camera?] dialog box appears.

3 **Click the [Connect] button.**

➡ The Shooting window and Save window appear.



Shooting window



Menu bar
Displays the [Camera] and [Shooting] menus.
* You can specify the camera settings (W-46) in the [Camera] menu.

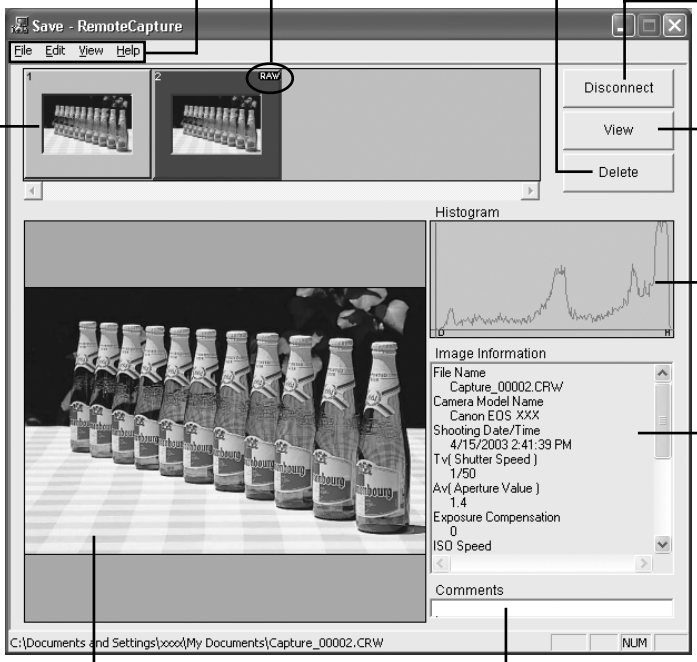
Shots to Go
Displays the number of frames that can be saved on your computer or on the CF card in the camera.

Release button
Takes a shot. The image is automatically saved on your computer.
Even when you press the shutter button on the camera, the image is saved on your computer.

Size/Quality list box
Allows you to select the image recording quality.

Detail setting button
Displays the Detailed Settings window below the Shooting window allowing you to make various settings. Click the button again to close the Detailed Settings window.

Save window



Menu bar
Displays the [File], [Edit], [View], and [Help] menus.

Thumbnail view
Displays thumbnail images of the shots taken.

The [RAW] symbol is displayed for RAW images. No symbol is shown for JPEG images.

Delete button
Deletes the image selected in thumbnail view. Deleted images are completely removed from your computer. Check images carefully before deleting them.

Disconnect button
Cuts the connection to the camera.

View button
Displays the image selected in thumbnail view enlarged in a separate window.

Histogram
Shows the distribution of the brightness of an image.

Image Information
Allows you to check the image information details.

Image display area
Displays the image selected in the thumbnail view.

Comments input box
Use this field to type in a comment for the image.

* The above window shows all the information at once. In actual use, only the information needed is displayed.

- To exit RemoteCapture, click the [Disconnect] button and select [Exit] from the [File] menu.

Using RemoteCapture

You can control the camera from your computer and take single-frame shots, timer shots and interval timer shots. The images are automatically saved on your computer.
Shots taken with RemoteCapture and saved on your computer can be displayed and processed in File Viewer Utility in the same way as images shot with the camera.

Before you use RemoteCapture, be sure to confirm that the camera is ready for shooting. If the camera is not ready for shooting (the lens is not attached, etc.), you cannot perform the operation as shown below.

Taking Shots from Your Computer

1 Set the camera up ready to shoot.

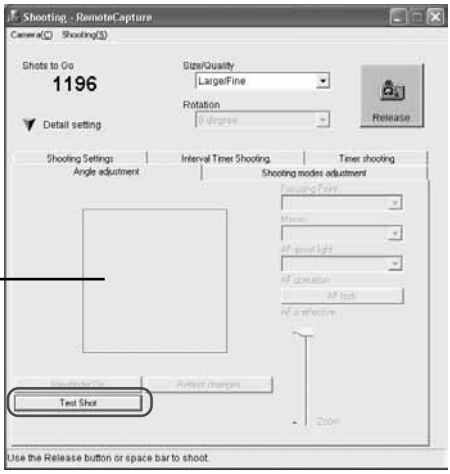
2 Make various settings.

- For information on how to set the size and image quality, refer to “Shooting window” (W-50).
- See “Default Settings” (W-55) for information on how to save images.

3 Take a test shot.

- Click [▶] (the Detail setting button) in the Shooting window and select the [Angle adjustment] tab in the displayed Detailed Settings window, and then click the [Test Shot] button.

➡ The test-shot image is displayed in the test-shot image display area.



Test-shot image display area

4 Click the [Release] button.

➡ The captured image is saved to your computer and displayed on the screen.

- To enlarge the image for checking, select the image and click the [View] button.
- To delete the image, select the image and click the [Delete] button.

Approximate Transfer Times

Transfer Time	Approx. 54 sec.

- **The transfer times given here are only approximations. Actual transfer times vary widely depending on the images and the computer system.**
- Transfer times are based on Canon testing standards.
  (Time until the RAW image appears in the Save window when the [Release] button is pressed in the Shooting window and [Computer only] is specified using the following: OS: Windows XP; CPU: 2.2 GHz Pentium 4; RAM: 256 MB)
- The times for images shot in JPEG format will be shorter than those shown above.

- With the auto focusing, if the camera cannot focus, you cannot take shots. If you cannot take shots with the auto focusing, focus manually and then take a shot.
- The test-shot images taken with the camera held vertically are displayed in the normal (horizontal) orientation in the test-shot image display area.
- If you use RemoteCapture to take shots while you are using the Windows Explorer in the WIA Driver to display images on the camera, RemoteCapture may not operate correctly.

To rotate a downloaded image, select the image and then select [Rotate Saved Image 90 degree Right] or [Rotate Saved Image 90 degree Left] in the [Edit] menu.

Timer Shooting

Use this function to specify the timer delay. Timer shooting shots are then taken after the specified number of seconds.

1 Click [▶] (the Detail setting button) in the Shooting window and select the [Timer shooting] tab.

➡ The [Timer shooting] tab sheet in the Detailed Settings window appears.

2 Enter the timer setting (in seconds) and click the [Start] button.

- You can set a value between 2 and 30 seconds in 1-second increments.

➡ Timer shooting shots are taken after the specified number of seconds.

Interval Timer Shooting

This function allows you to specify the interval between shots and the number of shots.

1 Click [▶] (the Detail setting button) in the Shooting window and select the [Interval Timer Shooting] tab.

➡ The [Interval Timer Shooting] tab sheet in the Detailed Settings window appears.

2 Enter the shooting interval and the total number of shots. Then click the [Start] button.

- You can set a shooting interval between 5 seconds and 60 minutes in 1-second increments.
- You can set up to a maximum of 9999 shots.

➡ Interval timer shooting is performed using the specified interval between shots and the specified number of shots.

On some types of computers, if you set a short interval between shots and there is insufficient time to download and save the images, it may not be possible to take shots at the specified interval. If this occurs, set a longer interval between shots and take the shots again.

Depending on the available capacity on your computer's hard disk, the maximum number of available shots that can be set may be less than 9999. You can check the number of shots that can be set by referring to the number of available shots shown in the Shooting window. (W-50)

Checking Shooting Settings

You can confirm the camera settings used when images are taken.

Click [▶] (the Detail setting button) in the Shooting window and select the [Shooting Settings] tab.

➡ The camera settings used when images are taken are displayed.

Printing Images

You can print images. All the images shown in the thumbnail view are printed in index format. The time of shooting and the file names are printed with the images.

1 Select [Print Index] in the [File] menu in the Save window.

➡ The Printer Setup dialog box appears.

2 Select the printer to be used, specify the print settings and print images.

Setting RemoteCapture

This section describes how to make various settings for using RemoteCapture. In the settings, you can specify Default Settings to save images on your computer, and you can also specify Detailed Settings to make shooting settings from your computer remotely.

Default Settings

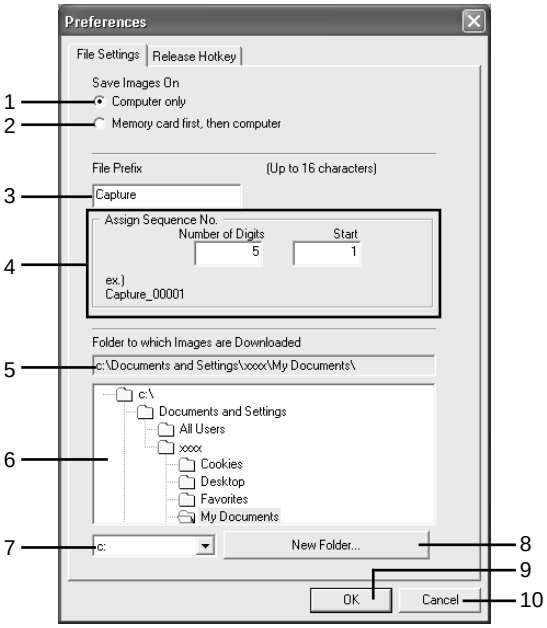
Use the procedure below to select the folder in which images will be saved and to specify the file names.

1 **Select [Preferences] in the [File] menu in the Save window.**

➡ The [Preferences] dialog box appears.

2 **Specify the desired settings and click the [OK] button.**

➡ The settings are saved and the [Preferences] dialog box closes to end the procedure.



1 You can use this option to take shots when there is no CF card in the camera or when the CF card is full.
2 Saves captured images both on your computer and on the CF card in the camera.
3 Use this field to enter a file name when saving a captured image.
  * The file name can consist of up to 16 characters.
4 Sets the number of digits in the sequence number that follows the file name and the starting number used.
  * If you enter [Capture] into [File Prefix] field, [5] into [Number of Digits], and [1] into [Start], sequential file names will be assigned automatically beginning with [Capture_00001.jpg] or [Capture_00001.crw].
5 Displays the directory path for the folder in which files are saved.
6 Displays the folder where the files will be saved in tree format.
7 Use this to select the drive on which files are saved.
8 Creates a new folder.
9 Applies the specified settings, closes the [Preferences] dialog box and ends the procedure.
10 Cancels all the specified settings, restores the previous settings and ends the procedure.

You can set the Hotkey for shutter release by selecting the [Release Hotkey] tab.

Detailed Settings

You can set shooting settings, such as White Balance and Exposure Compensation, from your computer remotely.

- **Before you make detailed settings, be sure to confirm that the camera is ready for shooting. If the camera is not ready for shooting (the lens is not attached, etc.), you cannot make some of the settings.**
- **The shooting settings cannot be specified if the camera's shooting mode is set to the Basic zone. Set the camera's shooting mode to the Creative zone.**

1 Display the Detailed Settings window.

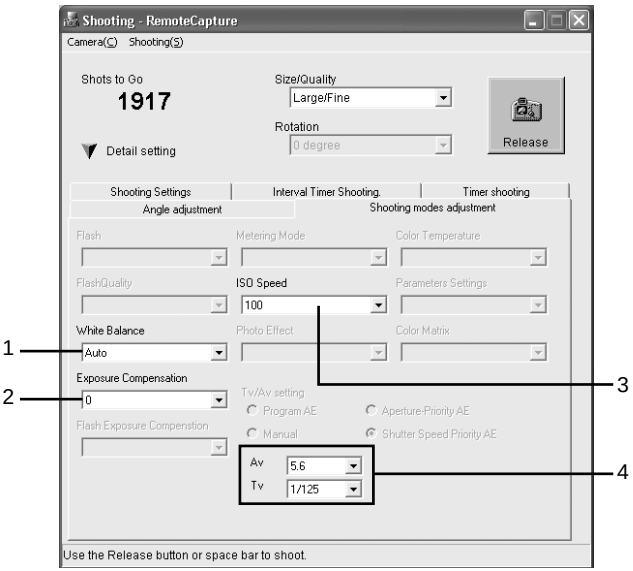
- Click [▶] (the Detail setting button) in the Shooting window.

2 Click the [Shooting modes adjustment] tab.

➡ The [Shooting modes adjustment] tab sheet appears.

3 Specify the settings and then close the Detailed Settings window.

- Click [▼] (the Detail setting button) in the Shooting window.



* The above window shows all the information at once. In actual use, only the information needed is displayed.

1 Allows you to specify White Balance.
2 Allows you to perform Exposure Compensation.
(Enabled only when Program AE, Shutter-priority AE, Aperture-priority AE or Automatic Depth-priority AE is selected as the shooting mode on the camera.)
3 Allows you to specify ISO Speed.
4 Allows you to specify the Av (aperture value) and Tv (shutter speed) settings.
(The specifiable settings are only displayed when Shutter-priority AE, Aperture-priority AE or Manual Exposure is selected as the shooting mode on the camera.)

5

Downloading JPEG Images

This chapter describes a simple procedure for downloading JPEG images using the WIA Drivers for Windows XP and Windows Me, the TWAIN Drivers for Windows 2000 and Windows 98 SE, and the PTP connection mode (supported on Windows XP only).

- A number of restrictions apply to the WIA Driver. You must read the “WIA Driver Readme” file before using the WIA Driver.

  Readme: Click the [Start] button and then select [All Programs] ([Programs] on Windows Me) ▶ [Canon Utilities] ▶ [EOS Kiss REBEL 300D WIA Driver] ▶ [WIA Driver Readme].

- For more information on using the TWAIN Driver, refer also to the sources listed below.

  Readme: Click the [Start] button and select [Programs] ▶ [Canon Utilities] ▶ [EOS Kiss REBEL 300D TWAIN Driver] ▶ [TWAIN Driver Readme].

  Help: Displayed by clicking the [Help] button in the TWAIN Driver main window.

Downloading Images with the WIA Driver

You can download only JPEG images using the wizard, Windows Explorer or the WIA TWAIN driver. Windows XP users can use the same procedure to download JPEG images using the PTP function. To download and process RAW images, use the File Viewer Utility described in Chapter 3.

Downloading with [Scanner and Camera Wizard]

You can quickly and easily download JPEG images to your computer by following the Wizard's on-screen instructions.

1 Connect the camera to your computer. (W-11)

➡ The [EOS Kiss REBEL 300D] screen (event screen) appears. Select [Microsoft Scanner and Camera Wizard], and then click the [OK] button. The [Scanner and Camera Wizard] dialog box appears.

➡ If you are using Windows Me, the [Scanner and Camera Wizard] dialog box appears.

2 Click the [Next] button.

➡ The [Choose Pictures to Copy] window appears in the [Scanner and Camera Wizard] dialog box.

➡ If you are using Windows Me, the [Choose Pictures] window appears in the [Scanner and Camera Wizard] dialog box.

3 Select the image(s) you wish to download and click the [Next] button.

- To select multiple images, press and hold the <Ctrl> or <Shift> key on the keyboard while clicking on images. To select all the images, click the [Select All] button.

➡ The [Picture Name and Destination] window appears in the [Scanner and Camera Wizard] dialog box.

➡ If you are using Windows Me, the [Save Pictures] window appears in the [Scanner and Camera Wizard] dialog box.

4 **Specify a file name and save location and click the [Next] button.**

➡ The selected images will be downloaded to the specified destination folder and the [other option] window appears in the [Scanner and Camera Wizard] dialog box.

➡ If you are using Windows Me, when you specify the file name and destination folder and then click the [Finish] button, the images are downloaded and the [Scanner and Camera Wizard] dialog box closes.

● If you do not specify a save location, a new folder is created in the [My Picture] folder (the [My Pictures] folder in Windows Me) and the images are saved in the new folder.

5 **Select the [Nothing. I'm finished working with these pictures] radio button and click the [Next] button.**

➡ The [Completing the Scanner and Camera Wizard] window appears in the [Scanner and Camera Wizard] dialog box.

6 **Click the [Finish] button.**

➡ The [Scanner and Camera Wizard] dialog box closes.

RAW images are displayed by the WIA TWAIN driver but cannot be downloaded. To download and process RAW images, use the File Viewer Utility described in Chapter 3.

Downloading with Windows Explorer

JPEG images can be downloaded to the computer with Windows Explorer just as you would copy any other file.

1 Connect the camera to your computer. (W-11)

➡ The [EOS Kiss REBEL 300D] screen (event screen) and the [Scanner and Camera Wizard] dialog box appear.

● Click the [Cancel] button and close all the open windows.

2 Start up Windows Explorer and select a folder.

● You can start Windows Explorer by right-clicking the [Start] button and selecting [Explorer] from the menu that appears.

● Double-click [EOS Kiss REBEL 300D] in the Explorer view and click the [100CANON] folder, or click the [+] on the left and then click the [100CANON] folder.

● Windows Me users should double-click [EOS Kiss REBEL 300D] in the Explorer view and then double-click the [100CANON] folder icon that appears.

● A number between 100 and 999 is displayed in place of the “100” in [100CANON].

➡ The camera’s images will be displayed as thumbnails in the Explorer window.

3 Save the images on your computer.

● Download by Specifying a Folder
If you right-click a displayed image, select [Save in My Picture] from the menu that appears and then click the [OK] button, the image is saved in the [My Picture] folder (the [My Pictures] folder in Windows Me).

● Download by Dragging and Dropping
Select an image in the Explorer window, drag it to the target folder and drop it.

If you use RemoteCapture to take shots while you are using Windows Explorer to display images on the camera, RemoteCapture may not operate correctly.

Downloading with the WIA TWAIN

This section describes how to use the TWAIN Driver-compatible retouching software, select images via the WIA TWAIN driver and import them into your program. The description given here use Photoshop Elements 2.0, as an example.

1 Connect the camera to your computer. (W-11)

➡ The [EOS Kiss REBEL 300D] screen (event screen) and the [Scanner and Camera Wizard] dialog box appear.

● Click the [Cancel] button and close all the open windows.

2 Start Photoshop Elements 2.0.

● Click the [Start] button and select [All Programs] ([Programs] on Windows Me) ▶ [Adobe Photoshop Elements 2.0].

3 Select the [File] menu ▶ [Import] ▶ [WIA-EOS Kiss REBEL 300D].

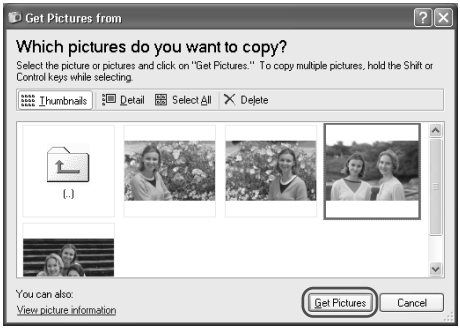
➡ The [Get Pictures from] dialog box appears.

4 Double-click the [100CANON] folder.

● A number between 100 and 999 is displayed in place of the “100” in [100CANON].

5 Select the image(s) you wish to download and click the [Get Pictures] button.

➡ The selected image(s) will be downloaded to the software.



RAW images are displayed by the WIA TWAIN driver but cannot be downloaded. To download and process RAW images, use the File Viewer Utility described in Chapter 3.

The method for starting the application and the dialog box contents differ depending on your retouching software. Refer to the User’s Manual provided with your retouching software for details.

Downloading Images with the TWAIN Driver

This explanation uses Photoshop Elements 2.0 as an example to describe the procedures for downloading images from the camera and transferring.
If you are using other application, refer to the User's Manuals provided with your software for information on setting up and using TWAIN devices.

- The TWAIN Driver is started from a TWAIN Driver-compatible application. Only JPEG images can be downloaded using the TWAIN Driver. To display or process RAW images, use File Viewer Utility described in Chapter 3.

1 Connect the camera to your computer. (W-11)

➡ The [EOS Kiss REBEL 300D] screen (event screen) appears.

- Click the [Cancel] button and close all the open windows.

2 Start Photoshop Elements 2.0.

- Click the [Start] button and select [Programs] ▶ [Adobe Photoshop Elements 2.0].

➡ Photoshop Elements 2.0 starts up.

3 Select the [File] menu ▶ [Import] ▶ [Canon EOS Kiss REBEL 300D USB].

➡ The TWAIN Driver starts and the JPEG image saved on the CF card in the camera is displayed.

- To exit the TWAIN Driver, select [Exit] from the [File] menu.

4 Select the image to be transferred and select [Transfer Images] from the [File] menu.

➡ The image transferred to Photoshop Elements 2.0 is displayed.

You can also transfer images by double-clicking a displayed thumbnail image.

6

Working with Images in ZoomBrowser EX

This chapter explains how to use ZoomBrowser EX to perform a range of operations including downloading the camera's images, printing them, and sending e-mail with downloaded images as file attachments.

- For more information on using ZoomBrowser EX, refer also to the sources listed below.

Readme:	Click the [Start] button and select [All Programs] ([Programs] in other versions of Windows) ▶ [Canon Utilities] ▶ [ZoomBrowser EX] ▶ [ZoomBrowser EX README].
Help:	Displayed by clicking the [Help] button in the ZoomBrowser EX main window.
Software User Guide:	View by downloading from the Canon website. See "ZoomBrowser EX/ImageBrowser Software User Guide" (A-7) for details.

Starting ZoomBrowser EX

ZoomBrowser EX can be started from the event screen that appears when you connect the camera to your computer, or by clicking the desktop icon or the [Start] button.

Starting ZoomBrowser EX from an Event Screen

Start up ZoomBrowser EX from the [EOS Kiss REBEL 300D] screen (event screen) that appears when you connect the camera to your computer.

1 Connect the camera to your computer. (W-11)

➡ The [EOS Kiss REBEL 300D] screen (event screen) appears.

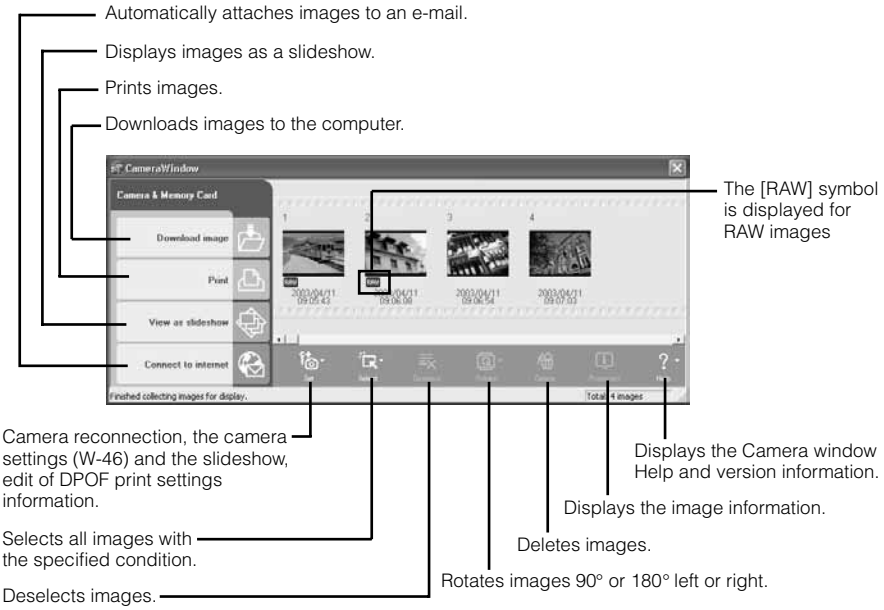
➡ In Windows Me, the [Scanner and Camera Wizard] dialog box appears. Click the [Cancel] button to exit the [Scanner and Camera Wizard] dialog box and start ZoomBrowser EX (see “Starting ZoomBrowser EX Using the Icon” (W-67).)

2 Select [Canon ZoomBrowser EX] and click the [OK] button.

➡ ZoomBrowser EX starts up and the Camera window appears.

● The images saved on the CF card in the camera or card reader are displayed in the Camera window.

Camera Window



Starting ZoomBrowser EX Using the Icon

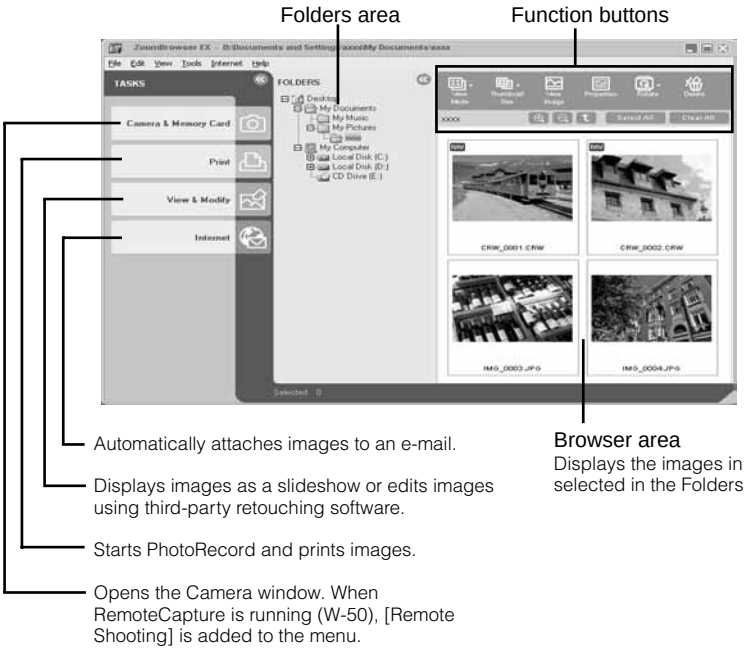
If ZoomBrowser EX was not started when you connected the camera to your computer (e.g. if you started File Viewer Utility when you connected the camera to your computer) and you want to download images from a card reader, start ZoomBrowser EX from the desktop icon or by clicking the [Start] button.

1 Double-click the [ZoomBrowser EX] icon on the desktop.

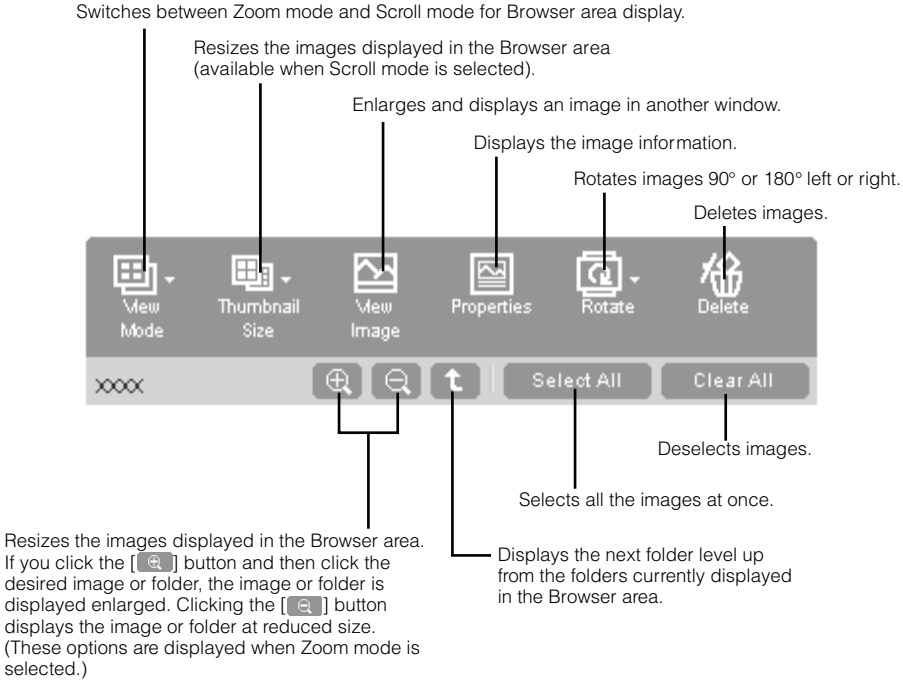
- You can also start ZoomBrowser EX by clicking the [Start] button and selecting [All Programs] ([Programs] in other versions of Windows) ▶ [Canon Utilities] ▶ [ZoomBrowser EX] ▶ [ZoomBrowser EX].

➡ ZoomBrowser EX starts up and the ZoomBrowser EX main window appears.

ZoomBrowser EX main window



Function Buttons



2 Click the [Camera & Memory Card] button and select [Browse/ Download images] from the menu that appears.

➡ The ZoomBrowser EX main window closes and the Camera window opens.

● The images saved on the CF card in the camera or card reader are displayed in the Camera window.

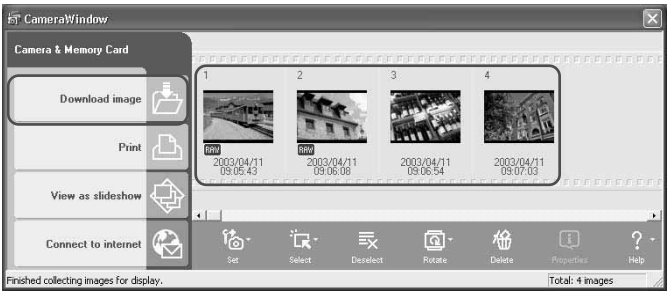
Downloading and Saving Images

The procedure below describes how to download the images saved on a CF card in the camera or card reader and save those images on your computer.

1 Select the images to be downloaded from the Camera window and click the [Download image] button.

- Click the displayed images to select them. You can also select multiple images by clicking images successively.
- Click a selected image again to deselect the image.

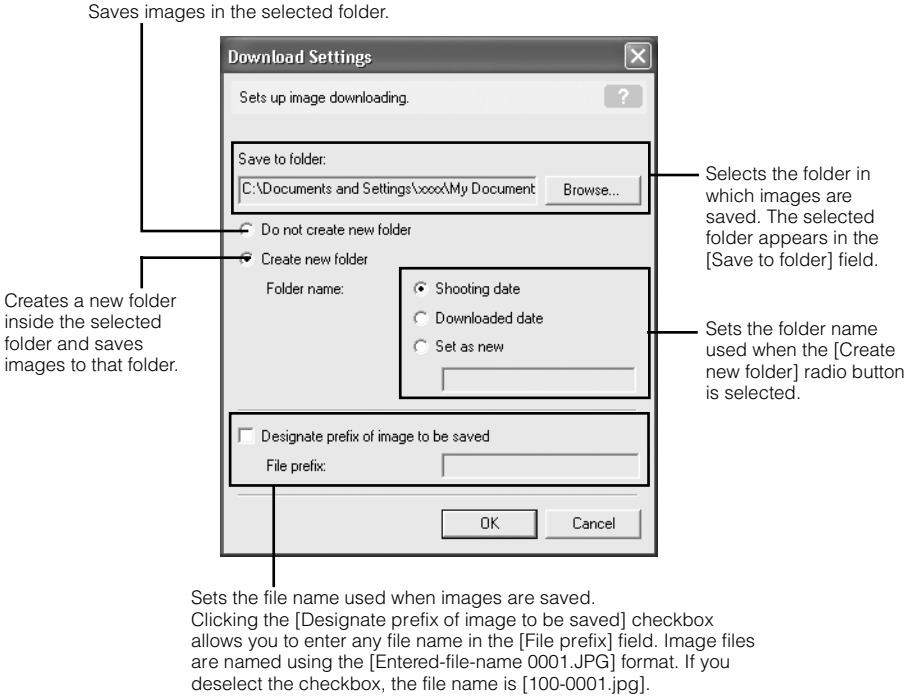
➡ The [Download Settings] dialog box appears.



2 Specify the desired settings and click the [OK] button.

➡ The images are saved on your computer, the Camera window closes and the ZoomBrowser EX main window opens.

➡ The downloaded images are displayed in the ZoomBrowser EX main window.



Printing Images in PhotoRecord

In ZoomBrowser EX, the PhotoRecord window is used to print images. In addition to the printing modes supported in Exif 2.2 (ExifPrint), PhotoRecord also supports layout printing and index printing.

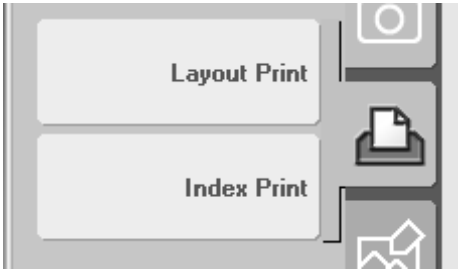
Printing Images

1 Select the images to be printed in the ZoomBrowser EX main window or the Camera window.

2 Click the [Print] button and select [Layout Print] or [Index Print].

➡ In the ZoomBrowser EX main window, a window appears in which you can select the information to be printed with the images.

➡ The [Download Settings] dialog box (W-70) appears in the Camera window. Specify the desired settings and click the [OK] button. A window then appears in which you can select the information to be printed with the images.



3 Click the checkboxes for the information to be printed with the image ([Comment], [File name] and [Date and Time]) and then click the [Finish] button.

➡ If you selected [Layout Print] in step 2, PhotoRecord starts up and the [PhotoRecord Print Modes] dialog box appears.

➡ If you selected [Index Print] in step 2, the [Index Print Settings] dialog box appears. Set the printer and paper settings and then click the [Print] button to begin printing.

● You can select multiple items of information to be printed with an image.

● You can enter a comment by selecting the image displayed in the ZoomBrowser EX main window, clicking the [Properties] button and entering your comment in the window displayed.

4 Select the print mode and click the [Next] button.

➡ The Page Setup window appears.

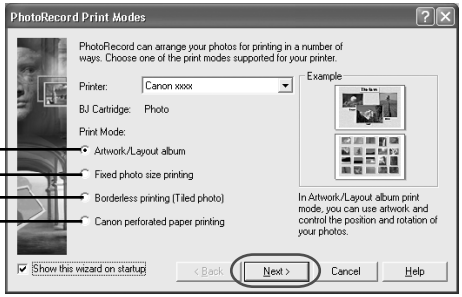
● This explanation describes the procedure when the [Artwork/Layout album] radio button is selected.

Select this option to create prints with colorful and attractive designs.

Select this option to print as many images as possible on a set paper size (such as L-size or business-card-size).

Prints the number of images specified per page laid out so that they cover the entire page. (When a printer that doesn't support borderless full-screen printing is used, [Tiled photo printing] is displayed.)

Select this option when you want to print on the Canon perforated paper. (This option is not displayed if you are using a printer that does not support printing on perforated paper.)



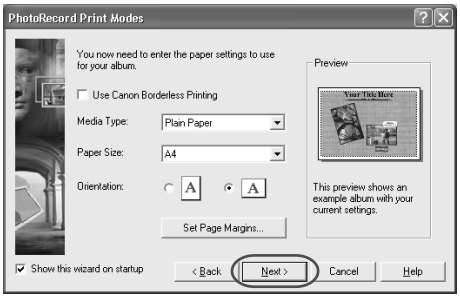
* The print mode settings vary depending on your printer.

Selecting the [Artwork/Layout album] radio button allows you to set any position or size for your printed images. Other print modes allow you to print tiled images or print on Canon perforated paper.

5 Set the paper type, paper size and orientation, and then click the [Next] button.

➡ The layout settings window appears.

● Do not select [Custom] in the [Paper Size] list box. Depending on the printer you are using, this could prevent the image from being printed correctly.



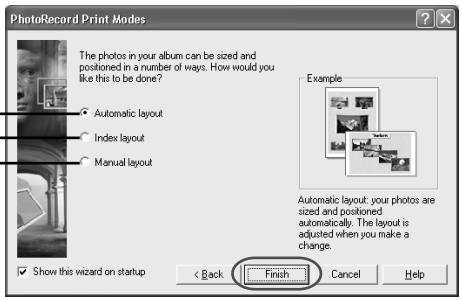
6 Select the layout mode and click the [Finish] button.

➡ The PhotoRecord window appears.

Automatically adjusts the image layout.

Arranges the images as an index.

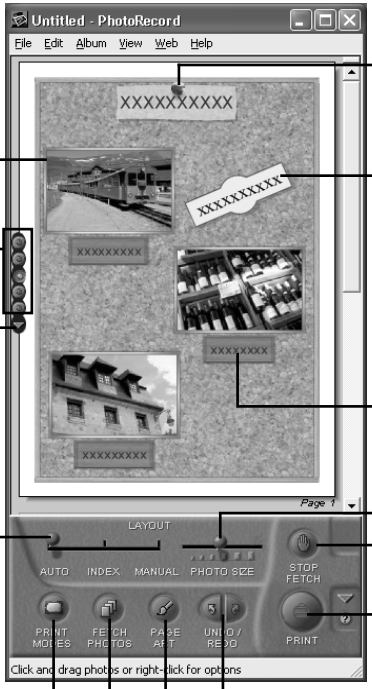
Allows all the images to be arranged manually.



7 Edit the print window and click the [Print] button.

➡ The [Print] dialog box appears and the image is printed.

PhotoRecord Window



You can enter a title by clicking the [Options] button and selecting [Title] ▶ [Edit] from the menu that appears.

Images can be moved by dragging them to the desired position.

You can insert a text box by clicking the [Options] button and selecting [Add Text] from the menu that appears. You can also change the text decorations and the text itself by right-clicking a text box on the screen and selecting an option from the menu that appears.

Changes the image sequence.

Options button
Displays the menu options used to edit the window.

You can enter a heading by right-clicking the image and selecting [Caption] ▶ [Edit] from the menu that appears.

Changes the image size.

Select [AUTO], [INDEX] or [MANUAL] as the layout method.

Stops image downloading

Displays the [Print] dialog box and prints the page.

Opens the [Print Mode] dialog box and allows you to change the settings. See steps 4 to 6 for information on specifying the settings.

Cancels the last action performed so that you can redo the action.

Opens the [Change Page Artwork] dialog box and allows you to change settings such as the decorative design and the colors used.

Opens the [Fetch Photos] dialog box and downloads new images on the next page.

- **Saving the page layout**

  You can save the page layout as an “Album” by selecting [Save As] from the [File] menu.

- **Adding images to the page**

  You can drag and drop displayed images from the ZoomBrowser EX main window to the PhotoRecord window.

Images are not saved in the album data. Accordingly, you should not delete images or move images out of the folder in which they were saved when you created the album.

● **Changing the decorations for the entire page**

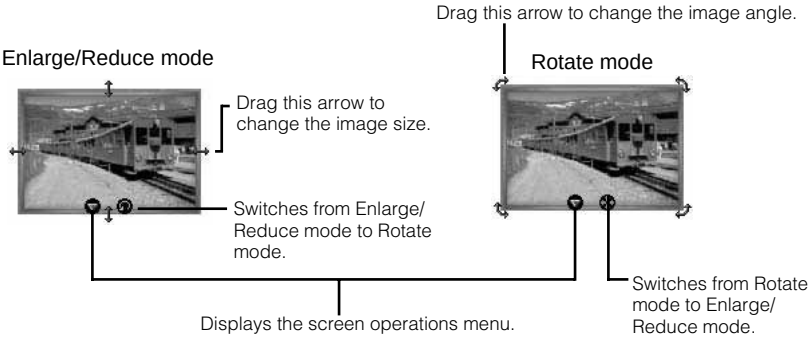
To select your preferred decorative design, open the [Change Page Artwork] dialog box by clicking the [Options] button and selecting [Change Page Artwork] from the menu that appears.

● **Changing the image frames**

To select your preferred frame, open the [Change Photo Frame] dialog box by right-clicking the image and selecting [Change Photo Frame] from the menu that appears.

● **Changing the image size and angle**

You can change size and angle of an image by moving the cursor over the image and dragging the displayed arrows and buttons.



* Depending on the print mode, you may not be able to change image size or angle.

● **Changing the number of images displayed per page**

You can change the number of images displayed on each page using the [Number of Photos per page when fetching] setting in the [Preferences] dialog box that appears when you select [Preferences] from the [Edit] menu.

8 Click the [Print] button.

➡ Printing begins.

If you are using a network printer and the printer name exceeds 31 characters when the path name is included, it may not be possible to print from PhotoRecord. If this problem occurs, open the Control Panel and select [Printers and other hardware] ▶ [Printers and Faxes] (In other versions of Windows select [Printer] from the Control Panel). Then change the path and printer name so that it is no longer than 31 characters.

Adjusting the Image Quality and Printing (Exif 2.2 compatible)

PhotoRecord includes an image quality adjustment function that is compatible with Exif 2.2 (Exif Print).
This function allows you to print images with the quality automatically corrected.

1 Open the PhotoRecord window. (W-73)

2 Right-click the image to be printed and select [Clip/Correct Photo] from the menu that appears.

➡ The enlarged image appears in a separate window and the [Photo Control Panel] opens.

3 Click the [Exif Print] checkbox in the [Photo Control Panel] and then click the [CLOSE] button.

➡ The selected image is corrected.

Images shot on camera that comply with Exif 2.2 incorporate recorded information on the settings used when the shot was taken. The Exif Print correction functions use this information to adjust the image quality so that it more accurately reflects the shooting settings.

Sending E-mail with Attached Images

Use the procedure below to attach images saved on your computer to e-mail messages and then send the mail.

To automatically start your e-mail software from ZoomBrowser EX and send images, your e-mail software must be set as a MAPI client. Refer to the user manuals for your e-mail software for information on MAPI settings.

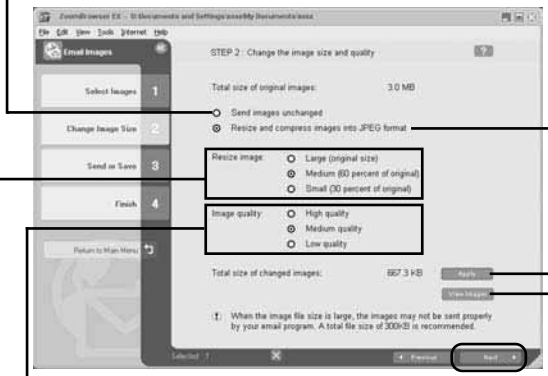
1 Display an image in the ZoomBrowser EX main window. (W-69)

2 Select the image to be sent in the Browser area.

3 Click the [Internet] button and then select [Email Images] from the menu that appears.

4 Set the image size and quality and then click the [Next] button.

Select this option to retain the image size and quality when sending the image.



Select this option to reduce the file size when the image is sent.

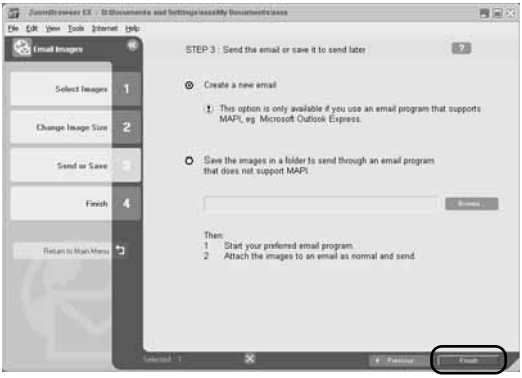
Allows you to check the image file size after compression (displayed as [Total size of changed images]).

Displays the compressed image in a separate window so you can check the image.

Sets the quality of the image sent. (Lower quality will result in a rougher image but a smaller file size.)

Sets the size of the image (number of pixels) sent.

5 Select to send an e-mail message immediately or to save the image and send the mail later and then click the [Finish] button.



- When the [Create a new email] radio button is selected, the e-mail software starts up and the window for sending an e-mail message appears with the image already specified as an attachment.

➡ Enter the address and a message and then send the e-mail.

- If the [Save the images in a folder to send through an email program that dose not support MAPI] radio button is selected, click the [Browse] button and specify the folder where the image is to be saved.

➡ The images are saved in the specified destination folder.

Automatic e-mail software starting is only supported for e-mail software that supports MAPI. If your e-mail software does not support MAPI, save the image and start the e-mail software before attaching the image to the outgoing e-mail.

MAPI (Messaging Application Programming Interface) is an e-mail software function adopted as a standard by Microsoft Corporation.

Processing RAW Images and Merging Images

Processing RAW Images with ZoomBrowser EX

To process RAW images from ZoomBrowser EX, start up File Viewer Utility.

1 **Display an image in the ZoomBrowser EX main window. (W-69)**

2 **Select the RAW image to be processed from the Browser area.**

3 **Click the [View & Modify] button and select [Process RAW image] from the menu that appears.**

➡ File Viewer Utility starts, and the thumbnail-displayed RAW image is displayed in the File Viewer Utility main window.

If File Viewer Utility is started from ZoomBrowser EX, the functions available in File Viewer Utility are restricted. In addition to that [Tree View Area] is not displayed, the functions such as the camera settings, image rotation, image transfer, index saving, image erasing, information update, image protection, etc. cannot be used.

Merging Images with PhotoStitch

PhotoStitch makes it easy to created composite images such as panorama shots by automatically merging multiple images.

1 **Display images in the ZoomBrowser EX main window. (W-69)**

2 **Select the desired JPEG images from the Browser area, click the [View & Modify] button and select [Stitch Photos] from the menu that appears.**

➡ PhotoStitch starts up.

- Follow the instructions in the guidance window to merge the images.
- Please refer to the PhotoStitch Help menu for more details.

- You cannot merge RAW images in PhotoStitch.
- Up to four images can be merged using PhotoStitch.
- You will need QuickTime 3.0 or later to save composite images made using PhotoStitch in the QuickTime VR format. If QuickTime 3.0 or later is not already installed on your computer, obtain and install it separately.

7

Troubleshooting and Uninstallation

This chapter provides a troubleshooting manual and describes the software uninstallation procedures.

Troubleshooting

When the “Could not complete installation correctly” or “Communication between the camera and computer failed” message appears, check the items described below.

- The EOS Kiss REBEL 300D is shown in the operation screens as “EOS XXX”.

Installation failed.

- **If you are using Windows XP Professional or Windows 2000, are you using the computer under a user setting other than [Computer administrator] or [Administrator]?**
  → You cannot install software if a user setting other than [Computer administrator] or [Administrator] is selected. Select the [Computer administrator] user setting in Windows XP Professional or the [Administrator] user setting in Windows 2000. For detailed information on selecting the user setting, refer to the manuals supplied with your computer.

- **Have you installed the WIA Driver or TWAIN Driver?**
  → Even if you connect the camera to the computer, installation is not completed unless you have installed the WIA Driver or TWAIN Driver. Insert the SOLUTION DISK into the CD-ROM drive and install the WIA Driver or TWAIN Driver before connecting the camera to your computer.

- **Is the cable firmly plugged into its socket?**
  → To complete the installation, ensure that the plugs on the dedicated USB cable are securely plugged into the ports on the camera and computer when you connect the camera to your computer. (W-11)

I have installed the software but the camera and computer cannot communicate.

- **Is the driver installed?**
  → The driver is required for communications between the camera and computer. When you use the SOLUTION DISK software to communicate between the camera and computer, be sure to install the driver shown below appropriate to your windows.
  • Windows XP/Windows Me: WIA Driver
  • Windows 2000/Windows 98 SE: TWAIN Driver

- **Does your computer comply with these requirements?**
  → PC with Windows XP, Windows 2000, Windows Me or Windows 98 SE preinstalled and a USB port as a standard feature. (A-8)
  * Operation is not guaranteed when a USB connection is used on computer systems other than those listed above.

- **Are the camera and computer connected correctly?**
  → Connect the camera to your computer correctly using the dedicated USB cable. (W-11)

- **Is the correct communication mode selected on the camera?**
  → To use the SOLUTION DISK software, set the camera’s communication mode to [Normal]. If you are using the PTP connection in Windows XP, set the mode to [PTP] (W-10).

● **Is there sufficient charge left in the camera battery?**

→ Your computer does not supply power to the camera. Connect the DC Coupler Kit (optional) to the camera or load a fully charged battery into the camera before connecting it to your computer. (“Installing and Removing the Battery” in the Instructions provided with your camera)

● **Do you have more than one camera connected to your computer?**

If you connect more than one camera to the same computer, the driver and camera may not operate normally.

→ Close the software and disconnect all the dedicated USB cables. Then reconnect just the dedicated USB cable that connects the camera to your computer.

● **Is the driver operating normally?**

Connect the camera to your computer with the dedicated USB cable and set the camera’s power switch to <ON> (W-11) and open [Device Manager] (W-82). Click the plus symbol [+] to the left of [Imaging devices] and check that [EOS Kiss REBEL 300D] is displayed.

→ If [EOS Kiss REBEL 300D] is not displayed, the driver is not operating normally. Briefly disconnect and then reconnect the dedicated USB cable, ensuring that the connection is secure. If [EOS Kiss REBEL 300D] still does not appear, use the following procedure to re-install the driver.

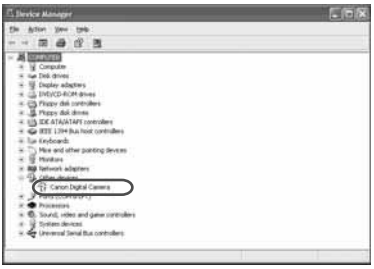
1 Disconnect the dedicated USB cable and uninstall the driver. (W-84)
2 Re-install the driver. (W-4)

→ When the [X], [!] or [?] symbol is displayed beside [EOS Kiss REBEL 300D], part of the driver is missing or corrupted. Use the following procedure to re-install the driver.

1 Delete [EOS Kiss REBEL 300D] displayed in [Imaging devices].
2 Disconnect the dedicated USB cable and uninstall the driver. (W-84)
3 Re-install the driver. (W-4)

● **Is the driver installed correctly?**

Connect the camera to your computer with the dedicated USB cable and set the camera’s power switch to <ON> (W-11) and open [Device Manager] (below). Click the plus symbol [+] to the left of [Other devices] or [Unknown devices] and check whether [EOS Kiss REBEL 300D] or [Canon Digital Camera] is displayed.



→ If [EOS Kiss REBEL 300D] or [Canon Digital Camera] is displayed in [Other devices] or [Unknown devices], the driver was not installed correctly. Use the following procedure to re-install the driver.

1. Delete [EOS Kiss REBEL 300D] or [Canon Digital Camera] displayed in [Other devices] or [Unknown devices].
2. Disconnect the dedicated USB cable and uninstall the driver. (W-84)
3. Re-install the driver. (W-4)

To Display the Device Manager

● **Windows XP**

→ Click the [Start] button and select [Control Panel] ▶ [Performance and Maintenance] ▶ [System]. Then select the [Hardware] tab and click the [Device Manager] button.

● **Windows 2000**

→ Click the [Start] button and select [Settings] ▶ [Control Panel]. Then double-click the [System] icon to open and select the [Hardware] tab and click the [Device Manager] button.

● **Windows Me and Windows 98 SE**

→ Click the [Start] button and select [Settings] ▶ [Control Panel]. Then double-click the [System] icon to open and select the [Device Manager] tab.

I connected the camera to the computer before installing the software

● **Did you set the camera's power switch to <ON>?**

→ If you did not set the camera's power switch to <ON>, proceed as follows:

1. Disconnect the dedicated USB cable from the camera and computer.
2. Install the SOLUTION DISK software on your computer using the correct installation procedure and then connect the camera to your computer to complete the installation. (W-4)

→ If you set the camera's power switch to <ON>, proceed as follows:

1. If [Found New Hardware Wizard] or any other dialog boxes appear, click the [Cancel] buttons to cancel all the dialog boxes.
2. When you have canceled all the dialog boxes, set the camera's power switch to <OFF>.
3. Disconnect the dedicated USB cable from the camera and computer.
4. Install the SOLUTION DISK software on your computer using the correct installation procedure and then connect the camera to your computer to complete the installation. (W-4)

Uninstalling

- Before beginning the software uninstallation, close all programs you are using and disconnect the dedicated USB cable from your computer.

Uninstalling (Deleting) the Software

The following explanation uses the procedures for uninstalling File Viewer Utility as an example for uninstalling other programs as well.

- For information on uninstalling the WIA Driver or TWAIN Driver, see “Uninstalling the Driver”. (W-84)
- Windows XP Professional or Windows 2000 users should log in using computer Administrator privileges.
- To prevent computer malfunctions, always restart your computer after you have uninstalled the software. Re-installing the software without first restarting your computer is particularly likely to result in computer malfunctions.

1 Click the [Start] button and select [All Programs] ([Programs] in other versions of Windows) ▶ [Canon Utilities] ▶ [FileViewerUtility xx] ▶ [FileViewerUtility Uninstall].

- File Viewer Utility version information is displayed in xx.

2 Proceed with the uninstallation as directed by the on-screen messages.

➡ Software is uninstalled.

Uninstalling the Driver

To uninstall the driver, you must first uninstall the WIA Driver or TWAIN Driver, then remove [EOS Kiss REBEL 300D] from the [Scanners and Cameras Properties] dialog box or the [Scanners and Cameras] dialog box, and then delete the driver settings files.

- Windows XP Professional or Windows 2000 users should log in using computer Administrator privileges.
- To prevent computer malfunctions, always restart your computer after you have uninstalled the driver. Re-installing the driver without first restarting your computer is particularly likely to result in computer malfunctions.
- The EOS Kiss REBEL 300D is shown in the operation screens as “EOS XXX”.

1 Uninstall [EOS Kiss REBEL 300D WIA Driver] or [EOS Kiss REBEL 300D TWAIN Driver].

- If you are using Windows XP or Windows Me, click the [Start] button and then select [All Programs] ([Programs] on Windows Me) ▶ [Canon Utilities] ▶ [EOS Kiss REBEL 300D WIA Driver] ▶ [WIA Driver Uninstall].
- If you are using Windows 2000 or Windows 98 SE, click the [Start] button and then select [Programs] ▶ [Canon Utilities] ▶ [EOS Kiss REBEL 300D TWAIN Driver] ▶ [TWAIN Driver Uninstall].

2 Proceed with the uninstallation as directed by the on-screen messages.

➡ The driver is uninstalled.

3 Connect the camera to your computer.

- If the [EOS Kiss REBEL 300D] screen (event screen) or the [Scanner and Camera Wizard] dialog box appears, click the [Cancel] buttons to close all open windows.

4 Click the [Start] button ▶ [Control Panel] ▶ [Printers and other hardware].

- In Windows versions other than Windows XP, click the [Start] button and then select [Settings] ▶ [Control Panel].

5 Click [Scanners and Cameras].

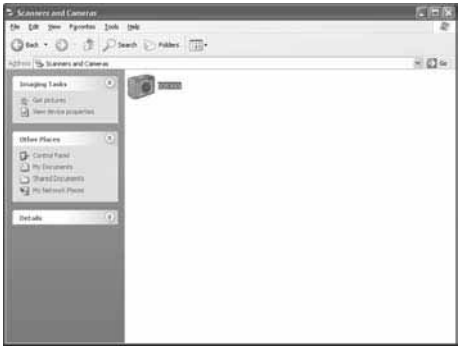
➡ If you are using Windows XP or Windows Me, the [Scanners and Cameras] dialog box appears.

- In Windows versions other than Windows XP, double-click the [Scanners and Cameras] icon.

➡ If you are using Windows 2000 or Windows 98 SE, the [Scanners and Cameras Properties] dialog box appears.

6 Delete [EOS Kiss REBEL 300D].

- If you are using Windows XP or Windows Me, select and right-click [EOS Kiss REBEL 300D] icon and then select [Delete] from the menu that appears. When the confirmation message appears, click the [Yes] button.
- If you are using Windows 2000 or Windows 98 SE, select [EOS Kiss REBEL 300D] and click the [Remove] button.
- Once [EOS Kiss REBEL 300D] is no longer displayed in the [Scanners and Cameras Properties] dialog box or the [Scanners and Cameras] dialog box, close the dialog box and proceed as follows.

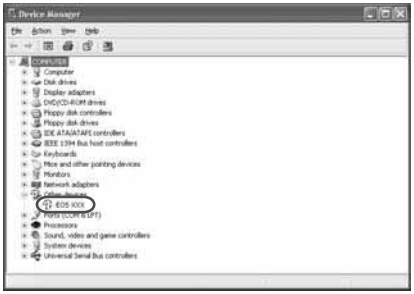


If drivers for other devices such as scanners are already installed, those device names are displayed. Take particular care not to delete the wrong driver.

7 Display [Device Manager]. (W-82)

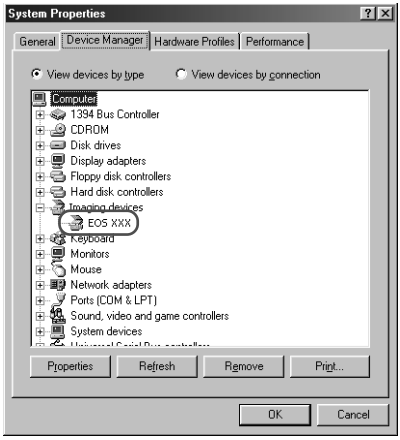
8 Delete [EOS Kiss REBEL 300D].

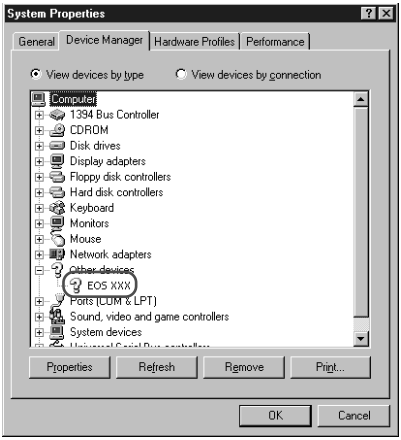
For Windows XP and Windows 2000 users:



- If [EOS Kiss REBEL 300D] is displayed when you click the plus symbol [+] to the left of [Imaging devices] or [Other devices], select and right-click [EOS Kiss REBEL 300D] and select [Uninstall] from the menu that appears.
- When the confirmation message appears, click the [OK] button.
- Close [Device Manager], and click the [OK] button to close the [System Properties] dialog box.
- If [EOS Kiss REBEL 300D] is displayed in both [Imaging devices] and [Other devices], or is displayed more than once in [Other devices], delete all the occurrences.
- When [EOS Kiss REBEL 300D] is not displayed in [Imaging devices] or [Other devices], close the dialog box and proceed as follows.

For Windows Me and Windows 98 SE users:





- If [EOS Kiss REBEL 300D] is displayed when you click the plus symbol [+] to the left of [Imaging devices] or [Other devices], select [EOS Kiss REBEL 300D] and click the [Remove] button.
- When the confirmation message appears, click the [OK] button.
- Click the [OK] button to close the [System Properties] dialog box.
- If [EOS Kiss REBEL 300D] is displayed in both [Imaging devices] and [Other devices], or is displayed more than once in [Other devices], delete all the occurrences.
- When [EOS Kiss REBEL 300D] is not displayed in [Imaging devices] or [Other devices], close the dialog box and proceed as follows.

9 Delete the driver settings files.

- The method for deleting the settings files differs depending on your operating system. Refer to the information on the following pages to delete the settings files.
  - Windows XP (W-87)
  - Windows 2000 (W-88)
  - Windows Me, Windows 98 SE (W-90)

Deleting the Driver Settings Files

Mistakenly deleting the wrong files can cause Windows to malfunction. Check the file names carefully before deleting any files.

For Windows XP users:

1 **Click the [Start] button and select [Control Panel] ▶ [Appearance and Themes] ▶ [Folder Options].**

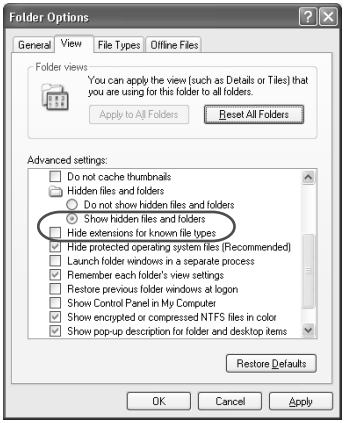
➡ The [Folder Options] dialog box appears.

2 **Select the [View] tab.**

➡ The [View] tab sheet appears.

3 **Select the [Show hidden files and folders] radio button in [Hidden files and folders] and then deselect the [Hide extensions for known file types] checkbox.**

- If these settings are already selected, simply proceed to the next step.



4 **Click the [OK] button to close the [Folder Options] dialog box.**

➡ Previously hidden folders and files now become visible.

5 **Click the [Start] button and then [My Computer].**

6 **Double-click [C:] drive ▶ the [WINDOWS] folder ▶ the [Inf] folder to open.**

7 Search for files called [Oem*.inf] or [Oem*.pnf].

- Substitute a number such as 1 or 2 for the asterisk (*). Also, because [Oem*.inf] and [Oem*.pnf] files come in pairs, substitute the same number for the asterisk in each pair (e.g. Oem2.inf and Oem2.pnf).
- The [Inf] folder may contain multiple pairs of [Oem*] files.

8 Check the contents of the [Oem*.inf] files.

- Double-click an [Oem*.inf] file to display the file contents. Check that **[; **** Canon Camera Driver Setup File ****]** appears on the first line.
- If there are multiple [Oem*.inf] files, repeat this procedure.
- Once you have identified the target file or files, make a note of the file names.

9 Delete the [Oem*.inf] and [Oem*.pnf] files you identified.

The [Inf] folder contains a large number of files. Deleting the wrong files could, at worst, prevent Windows from starting up. When you delete files, check the file names very carefully before proceeding.

For Windows 2000 users:

1 Click the [Start] button and select [Settings] ▶ [Control Panel].

2 Double-click the [Folder Options] icon.

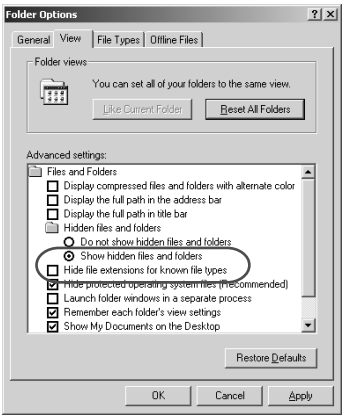
➡ The [Folder Options] dialog box appears.

3 Select the [View] tab.

➡ The [View] tab sheet appears.

4 Select the [Show hidden files and folders] radio button in [Hidden files and folders] and then deselect the [Hide file extensions for known file types] checkbox.

- If these settings are already selected, simply proceed to the next step.



5 Click the [OK] button to close the [Folder Options] dialog box.

➡ Previously hidden folders and files now become visible.

6 In [My Computer] on the desktop, open [C:] ▶ the [WINNT] folder ▶ the [Inf] folder.

7 Search for files called [Oem*.inf] or [Oem*.pnf].

- Substitute a number such as 1 or 2 for the asterisk (*). Also, because [Oem*.inf] and [Oem*.pnf] files come in pairs, substitute the same number for the asterisk in each pair (e.g. Oem2.inf and Oem2.pnf).
- The [Inf] folder may contain multiple pairs of [Oem*] files.

8 Check the contents of the [Oem*.inf] files.

- Double-click an [Oem*.inf] file to display the file contents. Check that **[; **** Canon Camera Driver Setup File ****]** appears on the first line.
- If there are multiple [Oem*.inf] files, repeat this procedure.
- Once you have identified the target file or files, make a note of the file names.

9 Delete the [Oem*.inf] and [Oem*.pnf] files you identified.

The [Inf] folder contains a large number of files. Deleting the wrong files could, at worst, prevent Windows from starting up. When you delete files, check the file names very carefully before proceeding.

For Windows Me and Windows 98 SE users:

1 Click the [Start] button and select [Settings] ▶ [Control Panel]. Then double-click the [Folder Options] icon.

- Windows 98 SE users should click the [Start] button and select [Settings] ▶ [Folder Options].

➡ The [Folder Options] dialog box appears.

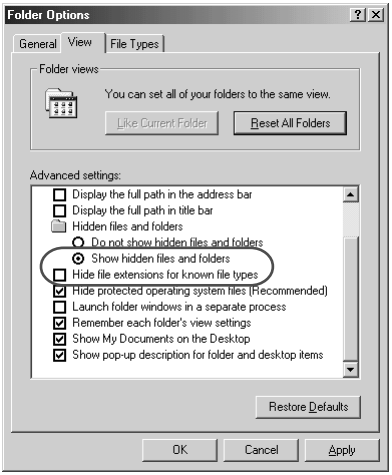
2 Select the [View] tab.

➡ The [View] tab sheet appears.

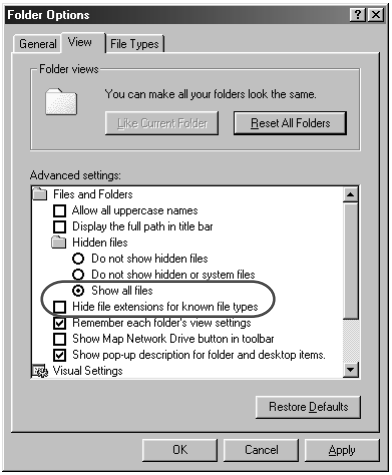
3 Select the [Show hidden files and folders] radio button in [Hidden files and folders] and then deselect the [Hide file extensions for known file types] checkbox.

- Windows 98 SE users should select the [Show all files] radio button in [Hidden files] and then deselect the [Hide file extensions for known file types] checkbox.
- If these settings are already selected, simply proceed to the next step.

Windows Me



Windows 98 SE

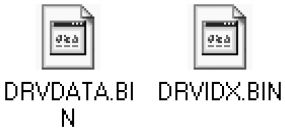


4 Click the [OK] button to close the [Folder Options] dialog box.

➡ Previously hidden folders and files now become visible.

5 In [My Computer] on the desktop, double-click [C:] ▶ the [Windows] folder ▶ the [INF] folder (the [inf] folder on Windows 98 SE) to open.

6 **Delete [DRVDATA.BIN] and [DRVIDX.BIN].**



7 **Double-click the [Other] folder in the [INF] folder to open.**

8 **Delete the [Canon.IncCAP_E3KR.inf] file if it exists.**

- "E3KR" is displayed in place of "XXX" in the file name.
- The [Canon.IncCAP_E3KR.inf] file may not exist depending on your computer system.

The [INF] folder contains a large number of files. Deleting the wrong files could, at worst, prevent Windows from starting up. When you delete files, check the file names very carefully before proceeding.

Uninstalling Photoshop Elements 2.0

- Before beginning the software uninstallation, close all programs you are using and disconnect the dedicated USB cable from your computer.
- Windows XP Professional or Windows 2000 users should log in using computer Administrator privileges.

1 Click the [Start] button and then click [Control Panel] ▶ [Add or Remove Programs].

- In Windows versions other than Windows XP, click the [Start] button and then click [Settings] ▶ [Control Panel]. Then double-click the [Add/Remove Programs] icon in the Control Panel.

➡ The [Add or Remove Programs] or [Add/Remove Programs Properties] dialog box appears.

2 Select [Adobe Photoshop Elements 2.0] from the list of software applications displayed and click the [Remove] or [Add/Remove] button.

- Users of Windows XP or Windows 2000 should check that the [Remove] button is clicked.

➡ The [Confirm file Deletion] dialog box appears.

3 Click the [Yes] button.

➡ Photoshop Elements 2.0 is uninstalled.

When uninstallation ends, restart your computer.

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Macintosh

Where explanations are common to all operating systems, the screens used in the examples are from Mac OS X (10.2). In this chapter, Mac OS X and Mac OS 9.2 are referred to as OS X and OS 9 respectively.

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1

Installing the Software on Your Computer

This chapter describes how to install the bundled software.

Installing the Software on Macintosh

- Check that your Macintosh complies with the system requirements for the software (A-9) on the SOLUTION DISK as you follow the installation procedure.
- For instructions for installing Photoshop Elements, refer to (M-6).

1 Start up your Macintosh.

- Close any programs that are running.

2 Insert the CD (EOS DIGITAL SOLUTION DISK).

➡ The CD icon appears on the desktop.

3 Start up the Installer.

- Double-click the CD icon ▶ the [Mac OS X] folder ▶ [Canon EOS Digital Installer].

OS X

- In OS 9, double-click the [Mac OS 9] folder in the CD window ▶ [Canon EOS Digital Installer].

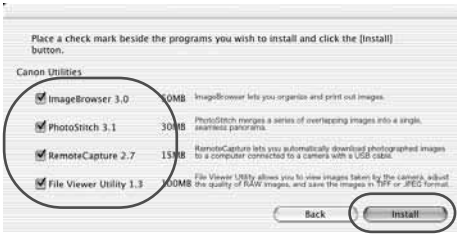
➡ The Installer panel appears.

OS 9

4 Click [Digital Camera Software Installation].

5 Check the software to be installed.

- Check that the checkboxes for the software to be installed are selected and then click the [Install] button.



6 Check the details of the User License Agreement.

- If you have checked the details and agree to the terms of the Agreement, click the [Agree] button.

7 Check the folder in which the software will be installed.

- Check the install destination and then click the [Choose] button.

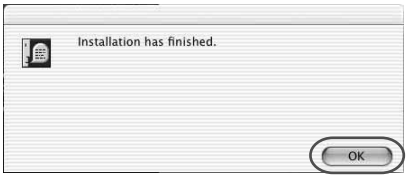
➡ Installation begins.

- The time required for the installation varies depending on your computer, but should take approximately 2 to 4 minutes.

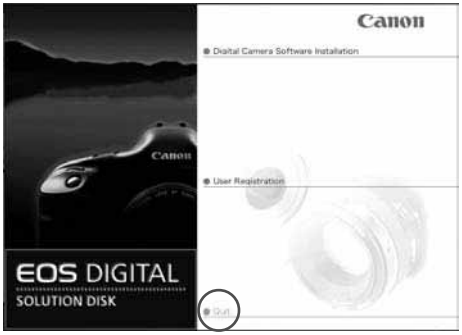
8 Complete the installation.

➡ **When [Installation has finished] appears, installation is complete.**

- Click the [OK] button to end the installation.



- If the Installer panel appears, click [Exit] to end the installation.



For OS 9 users :

- After clicking the [OK] button, the restart dialog box appears. Then click the [Yes] button to restart your computer.

Installing Photoshop Elements 2.0

- You are required to enter the serial number when installing Photoshop Elements 2.0. The serial number is on a sticker attached to the Photoshop Elements 2.0 CD-ROM case.
- If you lose the serial number, you will not be able to install the software. To ensure that you do not lose the serial number, carefully copy the serial number from the CD-ROM case or transfer the serial number sticker into the field below.

1 Load the Adobe Photoshop Elements 2.0 CD-ROM into the CD-ROM drive.

➡ The [Photoshop Elements 2.0] icon appears on the desktop.

➡ In OS 9, The [Photoshop® Elements 2.0] icon appears on the desktop.

2 Start up the Installer.

- Double-click the [Photoshop Elements 2.0] icon ▶ the [Install Photoshop Elements] icon.

➡ The Photoshop Elements 2.0 installer panel appears.

3 Click the [Continue] button.

4 Proceed with the installation as directed by the on-screen messages.

For detailed information on the installation procedure for Photoshop Elements 2.0 along with important information for installing on OS X, refer to the [How to Install Read Me] file on the Photoshop Elements 2.0 CD-ROM.

Please Register Your Camera!

We recommend you take a moment to register your camera, in order to receive further product information.
To proceed to the online User Registration page, simply click the [User Registration] button from the [EOS DIGITAL SOLUTION DISK].
If there is no response when you click the [User Registration] button, start your Internet browser program (such as Microsoft Internet Explorer or Netscape Communicator), then go to the [Html] folder on the SOLUTION DISK and open the [regist.html] file inside the [English] folder.

2 Getting Ready to Work with Images

This chapter explains how to set the communication mode, how to connect the camera to your computer, and how to use a card reader (third-party product).

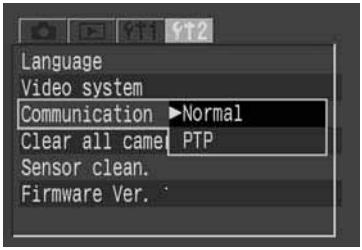
Setting the Communication Mode

To communicate with the camera using the software on the SOLUTION DISK, set the camera's communication mode to [Normal].

If you set the communication mode to [PTP], the SOLUTION DISK software cannot communicate with the camera. When you are using the software, always set the communication mode to [Normal].

1 Check that the camera is not connected to the computer and then set the power switch to <ON>.

2 Set [Communication] in menu option < 🔧2 > to [Normal].



3 Press the <MENU> button to switch the LCD monitor display off and then set the power switch to <OFF>.

When setting the communication mode, always ensure that the camera is not connected to the computer beforehand. Setting the communication mode while the camera is connected to the computer will cause camera and software malfunctions.

About the PTP Setting

The PTP function is only available to OS X users. This function provides a simple means of downloading JPEG images to your computer. To use this function, set [Communication] to [PTP] in step 2 above.

- For more information on using the PTP function to download JPEG images, see "Downloading JPEG Images Using the PTP Function in OS X (10.1 or later)" (M-12).

Connecting the Camera to Your Computer

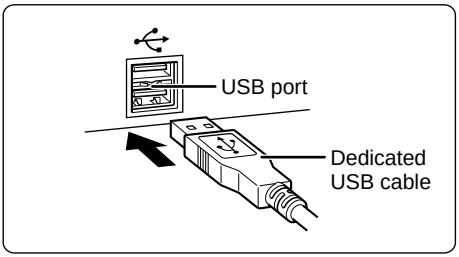
Connect the camera to your computer with the dedicated USB cable so that they can communicate. You can connect the camera while your computer is running.

- **When you connect the camera to your computer, be sure to follow the procedure below.**
- **Never perform the following operations while the software installed from the SOLUTION DISK is running after connecting the camera to the computer as a communications error may occur.**
  - **Set the camera's power switch to <OFF>.**
  - **Open the CF card slot cover.**
  - **Disconnect the dedicated USB cable or remove the battery.**
  - **Disconnect the DC coupler (optional) or unplug the AC adapter (optional) or power cord.**

Before you perform the operations above, be sure to exit the software being used.

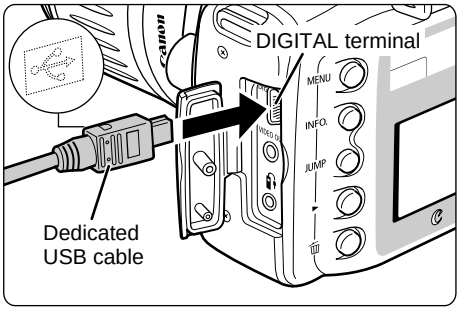
1 Plug the dedicated USB cable into the computer.

- Plug the cable into the USB port on the computer.
- The location of the port differs depending on your computer. Refer to the User's Manual for your computer for details.



2 Plug the dedicated USB cable into your camera.

- Open the cover and plug the cable connector into the < DIGITAL > terminal with the < ⇔ > (USB) icon facing the front of the camera.



3 Set the camera's power switch to <ON>.

➡ The camera is now ready to communicate with your computer.

➡ In OS 9, ImageBrowser starts up and the [ImageBrowser Automation wizard] dialog box appears. ImageBrowser users should refer directly to "Chapter 5 Working with Images in ImageBrowser".

- To use an application other than ImageBrowser, quit ImageBrowser and start the software you want to use.
- If you are using OS 9 and you want to set up the software so that ImageBrowser does not start up, see "Disabling ImageBrowser Auto Start". (M-62)

- Use only the dedicated USB cable to connect the camera to your computer.
- Push the plug firmly all the way into the socket. Loose connections can cause faults or malfunctions.
- Connect the camera to the computer directly using the dedicated USB cable. The camera and computer may not operate correctly if you connect them via a hub or if you connect to multiple USB devices.
- The connection may not operate correctly if you are using other USB devices, excluding USB mouse or keyboards, at the same time. If this occurs, disconnect the other USB devices from the computer and try reconnecting the camera.
- Do not connect more than one camera to the same computer. The connections may not operate correctly.
- While the camera and your computer are communicating, the camera's LCD panel may blink and, if you are using the LCD monitor, the image on the monitor may flicker. This is not a malfunction.
- When unplugging the dedicated USB cable, be sure to grip the sides of the plug as you pull it out.
- If you do not perform any operation while the camera and computer are connected, a confirmation message appears on the computer screen asking whether you wish to continue communicating with the camera for some computer systems. If you do not perform any operation even after this message appears, the communication with the camera is terminated. To re-establish the communication, press the shutter button down halfway or set the camera's power switch to <OFF> and then back to <ON>.
- Do not put your computer to sleep while it is connected to the camera.
  If you do put your computer to sleep while it is connected to the camera, never disconnect the dedicated USB cable while your computer is still in sleep mode. Always wake your computer up before disconnecting the camera. On some types of computer, disconnecting the dedicated USB cable while your computer is in sleep mode could prevent the computer from waking up correctly. Refer to the computer User's Manual for more information on Sleep mode.

When the camera is connected to a computer, you should use the DC Coupler Kit (optional) so that you can continue using the camera regardless of battery level.

About Backing up (Copying) Images

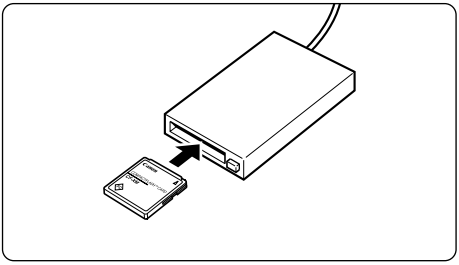
You should back up (copy) the captured images on the hard disk of your computer, etc. before working with EOS DIGITAL SOLUTION DISK.

Inserting a CF Card into Your Card Reader

Users with a third-party card reader can download images directly from a CF card to the computer.

1 **Remove the CF card from the camera.**

2 **Load the card into the card reader.**

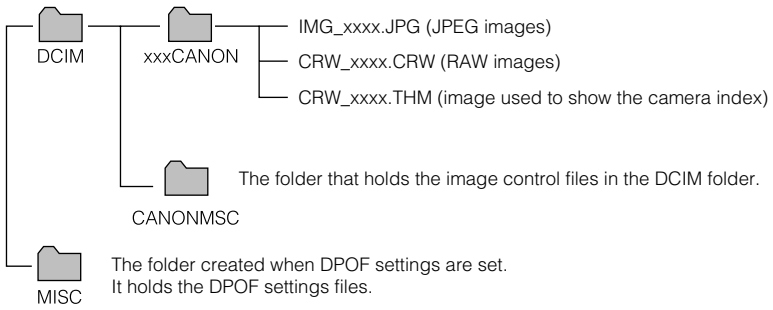


3 **Start your software and download the images.**

For information on connecting the card reader to your computer, refer to the User's Manual provided with the card reader.

CF Card Folder Structure and File Names

The images on a CF card are placed in sub-folders named [xxxCANON], where the "xxx" represents a number between 100 and 999, within the [DCIM] folder.



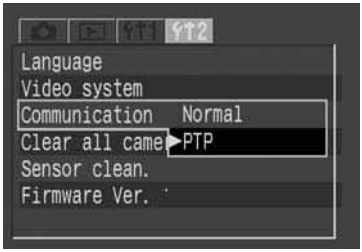
- The "xxxx" in file names represents four-digit numbers.

Downloading JPEG Images Using the PTP Function in OS X (10.1 or later)

Users of OS X (version 10.1 or later) can use the PTP (Picture Transfer Protocol) function. The PTP function allows you to download JPEG images stored on a CF card in the camera to your computer without having to start the software provided on the SOLUTION DISK.

1 Set the camera's communication mode to [PTP] (M-8).

- Set [Communication] in menu option < 🔧2 > to [PTP].
- Press the <MENU> button to clear the LCD monitor display.
- When you have finished, switch the camera off.



2 Connect the camera to the computer and set the camera's power switch to <ON> (M-9).

➡ Image Capture or iPhoto starts up.

- You can specify which software starts up in Image Capture.

3 Download the images as directed.

- Follow the instructions in the on-screen messages to download the JPEG images.

- To specify the software that will start up when the camera is connected to the computer, start up Image Capture and select [Preferences] in the [Image Capture] menu. In the [Image Capture Preferences] dialog box, select the application in the [When a camera is connected, open] list box.
- Image Capture and iPhoto are software bundled with OS X. For detailed information on using these applications, refer to the Help provided in the respective application.

3 Working with Images in File Viewer Utility

This chapter explains how to use File Viewer Utility to display and save images stored on a CF card loaded in the camera, and also explains how to perform image processing including processing RAW images and how to transfer images to the retouching software.

- For more information on using File Viewer Utility, refer also to the sources listed below.

  ReadMe: Double-click the [Canon Utilities] folder ▶ the [File Viewer Utility] folder ▶ [ReadMe].

Starting File Viewer Utility

1 Connect the camera to your computer. (M-9)

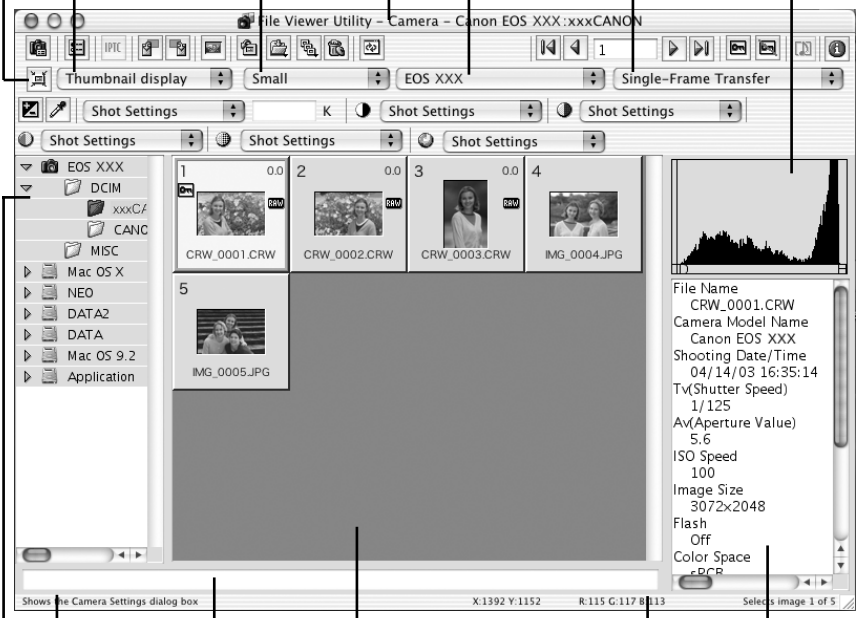
- In OS 9, ImageBrowser starts up and the [ImageBrowser Automation wizard] dialog box appears. Click the [Cancel] button and select [Quit] from the [File] menu to exit ImageBrowser.

2 Double-click the [Canon File Viewer Utility] icon on the desktop to start.

- You can also start File Viewer Utility by double-clicking the [Canon Utilities] folder ▶ the [File Viewer Utility] folder ▶ the [File Viewer Utility] icon.

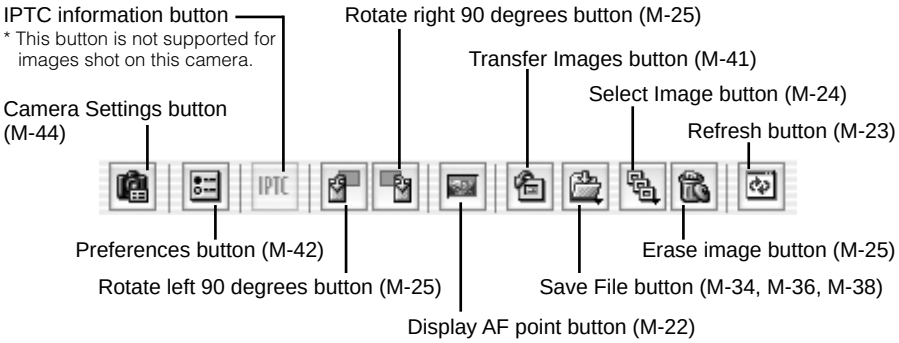
➡ The File Viewer Utility main window appears.

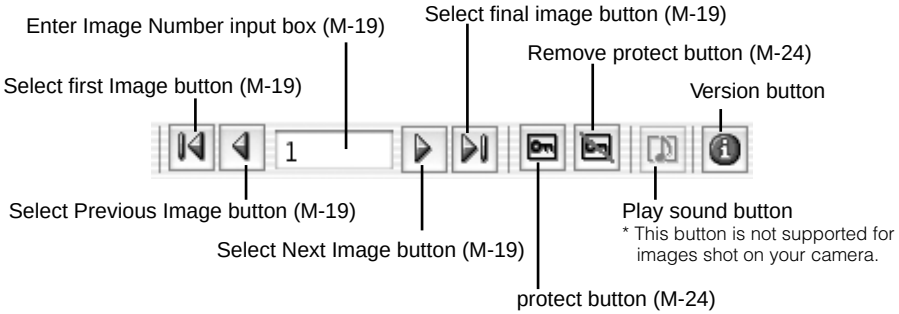
File Viewer Utility main window



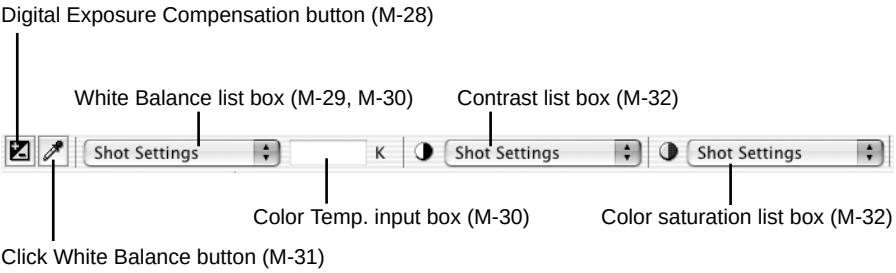
* The above window shows all the information at once. In actual use, only the information needed is displayed.

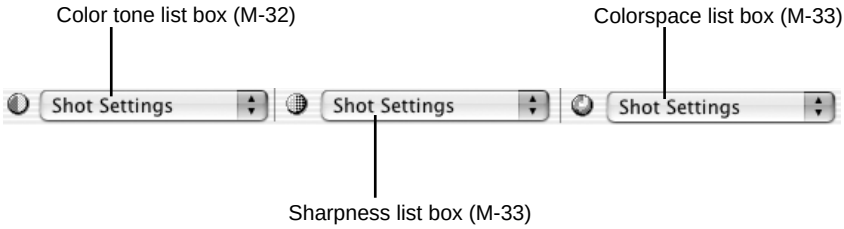
- To exit File Viewer Utility in OS X, select [Quit File Viewer Utility] from the [File Viewer Utility] menu.
- To exit File Viewer Utility in OS 9, select [Exit] from the [File] menu.





* The above window shows all the information at once. In actual use, only the information needed is displayed.





* The above window shows all the information at once. In actual use, only the information needed is displayed.

Displaying Images

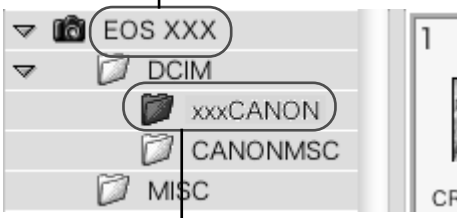
You can display images stored on a CF card in a camera or your computer.
RAW images are processed and displayed according to the processing parameters set on the camera.
You can display images stored on a CF card via the dedicated USB cable while the CF card is still in the camera. Or you can display images stored on a CF card using a third-party card reader.
This section describes how to display images stored on a CF card in the camera.

Select a folder that contains images to be displayed.

- Click [▶] to the left of the [EOS DIGITAL REBEL] icon ▶ [▶] to the left of the [DCIM] folder ▶ the [100CANON] folder in [Show the folder tree].

➡ The images saved in the selected folder are displayed.

Your camera model is displayed.



A number between 100 and 999 is displayed.

- Images that have been processed on your computer after being shot or images whose file name has been changed may not be displayed properly.
- Deleting a folder erases all the images in that folder. Erased images cannot be restored. Check carefully before deleting folder.

- The following images can be displayed in File Viewer Utility.
  - JPEG images shot on a Canon digital camera
  - RAW images shot on a Canon digital camera
  - TIFF and JPEG images saved in File Viewer Utility (M-34)

  * Images that cannot be displayed by File Viewer Utility appear as a question mark [?].
- When you are displaying images stored on a computer or images on a CF card using a third-party card reader, you can display the images in a folder by clicking that folder in the same way.
- Images for which [Auto rotate display orientation] is set that were shot with the camera held vertically are automatically displayed vertically.
- If the selected folder contains a large number of images, there may be a short delay before the images appear.
- You can copy or move a folder in [Show the folder tree] by dragging and dropping it onto another folder. On the menu that is displayed by clicking on the folder while pressing the <control> key, you can create and delete the folder, or change the folder name.

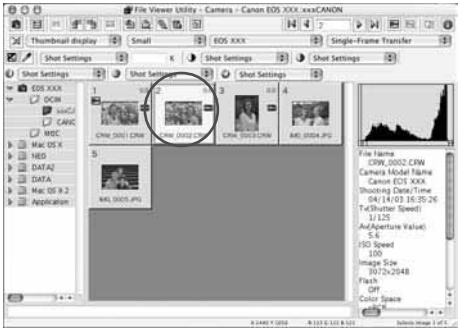
Selecting Images

Selecting Images with the Mouse

Position the mouse cursor over the image and click on it.

- To select multiple images, hold down the <shift> key and click the images.
- To select consecutive images, click the first image and then hold down the <option> + <shift> keys and click the last image.

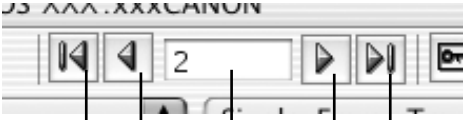
➡ The frame around the selected image changes color.



To select an image using the keyboard, use the arrow keys (↑ ← → ↓) to select an image.

Selecting Images from the Control Panel

Use the button or input a value.



[Select first Image] button
Selects the first thumbnail image displayed.

[Select Previous Image] button
Selects the image before the currently selected image.

[Enter Image Number] input box
Selects the image with the specified number. You can enter a number between 1 and 9999.
Enter the number and press the <return> key.

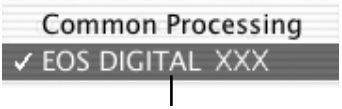
[Select final image] button
Selects the last thumbnail image displayed.

[Select Next Image] button
Selects the next image.

Selecting the Model-Specific Processing Mode

You can display the RAW image process tool bar to check and modify the processing used for RAW images.
By selecting the model of the camera on which images were shot (model-specific processing mode) in the [Model-specific processing mode] list box, you can check and/or modify the processing used for RAW images shot on the selected camera.

Select a model-specific processing mode from the [Model-specific processing mode] list box.



EOS DIGITAL REBEL / EOS 300D DIGITAL

[Common Processing]
The RAW image process tool bar is hidden and the settings for RAW image processing cannot be changed.

[EOS DIGITAL REBEL] / [EOS 300D DIGITAL]
The RAW image process tool bar is displayed. By selecting RAW images, you can check and/or modify the image processing used. When a JPEG image is selected, however, the RAW image process tool bar is grayed out and disabled.

When images shot on Canon cameras other than your camera are saved in the selected folder or on a CF card in the connected camera, the model-specific processing mode for the camera on which the images were shot is automatically added to the [Model-specific processing mode] list box.

- See “Modifying RAW Image Processing Parameters” (M-27) for information on how to change the RAW image processing parameters.
- If you select any other camera from [Model-specific processing mode] list box, the RAW image process tool bar for the selected camera is displayed.

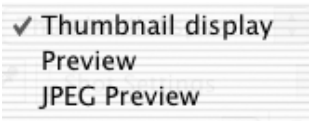
Selecting the Image Display Mode

You can select the mode and size used when images are displayed. You can also display the AF point and choose whether the information display frame for thumbnail images is displayed.

Selecting the Display Mode

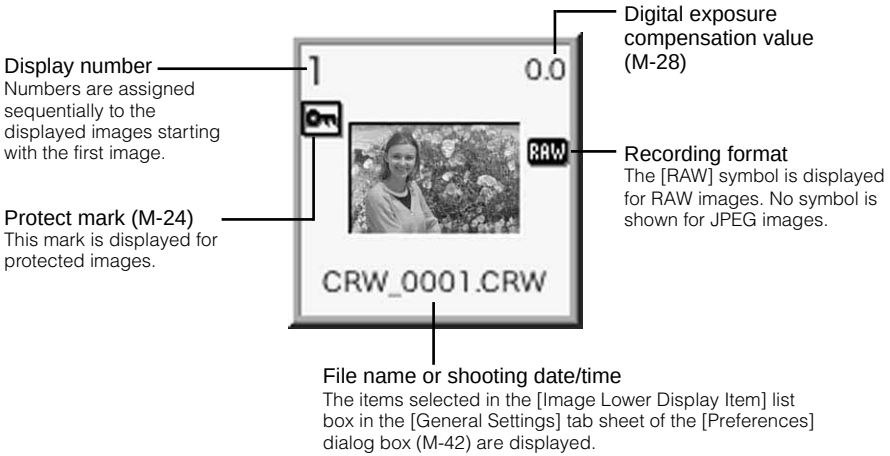
Click the [Display Mode] list box and select the mode.

➡ The images are displayed in the selected display mode.



■ [Thumbnail display]

This shows multiple images arranged in sequence. The information shown below is also displayed for the images.



■ [Preview]

RAW images are displayed as single RAW images and JPEG images are displayed as single JPEG images.

■ [JPEG Preview]

When you select a RAW image, simultaneously recorded JPEG image (Middle/Fine) in the RAW image is displayed as a single image.
When you select a JPEG image, it is displayed as a single image just like the [Preview] mode.

- When you start File Viewer Utility, images are always shown in the [Thumbnail display] mode.
- If you double-click on the thumbnail-displayed image, it is displayed in the [Preview] mode.
- When you use your camera to shoot a RAW image, a JPEG image (Middle/Fine) is recorded at the same time. When you select [JPEG Preview] for a RAW image, the JPEG image (Middle/Fine) included in the RAW image is displayed.

Selecting the Display Size

Click the [Display Size] list box and select the display size.

➡ The image is displayed in the selected display size.

In the [Preview] mode, the available image sizes are [Large] (100% – pixel-equivalent), [Middle] (50%) and [Small] (25%).

Checking the AF Point

The AF point used when the shot was taken can be displayed.

1 Select [Preview] or [JPEG Preview] from the [Display Mode] list box. (M-21)

2 Click the [Display AF point] button.

➡ The AF point used when the shot was taken is displayed.

● Click the button again to hide the AF point.

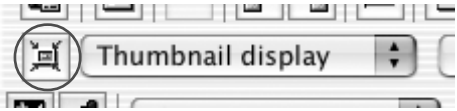
For images taken with One-Shot AF, the active AF point is displayed. When the shot was taken with automatic AF point selection, multiple active AF points might be displayed.

Showing/Hiding the Information Display Frame of Thumbnail Images

You can hide the information displayed on the frame of the thumbnail images (M-21) to display more images in the image display area.

1 **Select [Thumbnail display] from the [Display Mode] list box. (M-21)**

2 **Click the [Show/Hide Thumbnail Frames] button.**



➡ The information display frame of the thumbnail image is hidden.

● Click the button again to display the information display frame of the thumbnail image.

Updating Information on Main Window

If you alter the content of the folders currently displayed in [Show the folder tree] (by copying or deleting images) while the images in a folder are displayed in the main window, the information shown in the main window may no longer match the actual folder content. If this occurs, update the main window display so that it matches the new folder information.

Click the [Refresh] button.

➡ The information displayed in the main window is updated.

Showing/Hiding Image Information

You can hide the histogram and image information display area to display more images in the image display area.

Select the [Show] menu ▶ [Information Area] ▶ [Hide].

➡ The histogram and image information display area are hidden.

● If you select the [Show] menu ▶ [Information Area] ▶ [Show], the histogram and image information display area are displayed.

Working with Selected Images

Protecting Images

You can protect important images to prevent them from being accidentally erased.

Click the [protect] button.

➡ The image is protected and the [ ] icon appears in the information display frame for the image.

- Clicking the [Remove protect] button unprotects the image and clears the [ ] icon from the information display frame for the image.

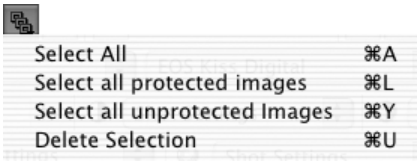
- When multiple images are selected, all the selected images are protected.
- The [ ] is automatically displayed for images that were protected on the camera.
- Protection only prevents images from being erased. Other types of image processing can still be performed for protected images.
- A range of operations is also available by selecting the image, pressing the <control> key + mouse button and selecting an option from the menu that appears.

Selecting Images by Condition

This feature allows you to select multiple images in a single operation using conditions.

Click the [Select Image] button and select the condition from the menu that appears.

➡ Only images that meet the condition are selected.



Rotating Images

Use the procedure below to rotate a selected image by 90-degree increments left or right.

Rotate the image.

- To rotate the image right (clockwise), click the [Rotate right 90 degrees] button.
- To rotate the image left (counterclockwise), click the [Rotate left 90 degrees] button.

➡ The image rotates 90 degrees in the selected direction.

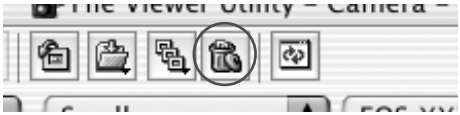
- When multiple images are selected, all the selected images are rotated.
- Images for which [Auto rotate display orientation] is set that were shot with the camera held vertically are automatically displayed vertically.
- If a rotated image is displayed in another application, the image may not appear rotated.
- A range of operations is also available by selecting the image, pressing the <control> key + mouse button and selecting an option from the menu that appears.

Erasing Images

Use the procedure below to erase unwanted images from a CF card or your computer.

1 Click the [Erase image] button.

➡ An erase confirmation dialog box appears.



2 Click the [Erase] button.

➡ The image is erased.

- Erased images cannot be restored. Check carefully before erasing images.
- Protect important images (M-24) to prevent them from being accidentally erased.
- When multiple images are selected, all the selected images are to be erased. Take particular care when you have just finished a task involving the selection of multiple images.

A range of operations is also available by selecting the image, pressing the <control> key + mouse button and selecting an option from the menu that appears.

Checking the Image Information and Entering Comments

Shooting information is recorded when images are taken. You can check the shooting information by selecting the image. Also, you can copy shooting information to paste it into another application, and you can add a comment.

Image information display area

- Displays information such as the file name, camera model name and shooting data. The number of items displayed differs depending on the camera settings.
- When you select multiple images, the information from the image selected last is displayed.
- You can copy the information as text data and paste it into another application.

Comment input box

You can use this box to type in a comment up to 120 characters long.
Type in your comment and press the <return> key.

When the shot was taken using Adobe RGB
To transfer images shot in Adobe RGB color to retouching software for displaying, use retouching software that supports Adobe RGB and specify [AdobeRGB] as the RGB setting for display.

Printing Images

You can use File Viewer Utility to print images in index format.

1 **Select images to be printed in index format (M-19).**

2 **Select [Print Index] in the [File] menu.**
➡ The Printer Setup dialog box appears.

3 **Select the printer to be used, specify the print settings and print images.**

Processing RAW Images

RAW images are processed based on the settings specified on the camera (including the processing parameters and white balance) and then displayed on the computer.

- RAW images are processed in the following situations:
  - When the display mode is switched from [Thumbnail display] to [Preview]
  - When the processing parameters are changed while the image is displayed in [Preview] or [Thumbnail display] mode
  - When the image is converted to the TIFF or JPEG format and saved
  - When the image is converted to the TIFF format and transferred to the designated retouching software

  * Linear processing and false color suppression can only be specified when an image is saved or is transferred to retouching software (M-43).

- Approximate processing times

Processing Parameters		Processing Time
When RAW images saved on a CF card in the camera are processed	When the display mode is switched from [Thumbnail display] to [Preview]	Approx. 55 sec.
	Image converted to TIFF format and transferred to the specified retouching software	Approx. 90 sec.
When RAW images saved on the computer's hard disk are processed	When the display mode is switched from [Thumbnail display] to [Preview]	Approx. 24 sec.
	Image converted to TIFF format and transferred to the specified retouching software	Approx. 63 sec.

- **The processing times given here are only approximations. Actual processing times vary widely depending on the images and the computer system.**
- Processing times are based on Canon testing standards. (OS: OS X (10.2); CPU: Power PC G4 700 MHz; RAM: 256 MB)
- The processing time in the retouching software includes starting up time of the retouching software.

Modifying RAW Image Processing Parameters

File Viewer Utility allows you to modify the image processing parameters until the displayed RAW image is optimal for its intended purpose. You can also specify additional processing parameters not available on the camera, such as digital exposure compensation and white balance adjustment using the Click White Balance function.

- This processing applies the specified parameters virtually and does not affect the original RAW images in any way. Consequently, you can redo the processing as often as you like with different parameters and then reset the modified parameters to the settings used when the shot was taken.

1 Select [EOS DIGITAL REBEL] from the [Model-specific processing mode] list box. (M-20)

2 Select the RAW image to be processed. (M-19)

- See the following information on how to modify the processing parameters.

3 Save (M-34) and transfer (M-40) the image.

- You can specify the bit depth used when the image is saved and transferred in the [RAW Image Processing settings] tab sheet in the [Preferences] dialog box (M-43).

Processing parameters modified in File Viewer Utility are all cancelled and the parameters used when the shot was taken are restored when you exit File Viewer Utility. Consequently, you should convert images with modified parameters to the TIFF or JPEG format and save them, or transfer them to the retouching software and save them.

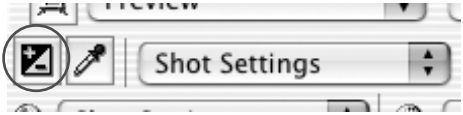
If you selected multiple images, the specified processing parameters are applied to all the selected RAW images.

Compensating the Brightness (Digital Exposure Compensation)

You can compensate the brightness of an image in the range of +/–2 stops in 0.1-stop increments.

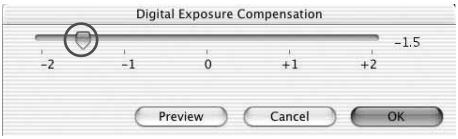
1 Click the [Digital Exposure Compensation] button.

➡ The [Digital Exposure Compensation] dialog box appears.



2 Compensate the image brightness.

- Position the mouse cursor over the slider and drag it left or right to adjust the amount of compensation.
- When you click the [Preview] button, the image brightness changes to reflect the value to which the slider was dragged.



3 Click the [OK] button.

➡ The corrected value is applied to the image and the [Digital Exposure Compensation] dialog box closes.

➡ The corrected value is displayed with the corrected image.

Adjusting the White Balance

You can adjust the white balance in your RAW images.
You can adjust the white balance by selecting a setting in the [White Balance] list box. You can also make fine adjustments to the white balance by using the Click white balance function, which allows you to adjust the white balance by selecting a white area in the image.

Select the White Balance

Select the desired setting from the [White Balance] list box.

- The table below shows the 9 available white balance settings.

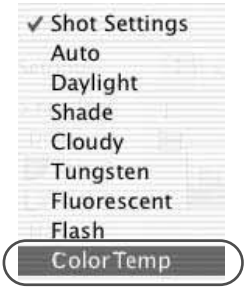
➡ The selected setting is applied to the image.

White Balance	Details	Color temp./K (Kelvin)
Shot Settings	To apply the white balance setting used when the shot was taken.	–
Auto	File Viewer Utility automatically sets the white balance.	Approx. 3000 to 7000
Daylight	For sunny daylight outdoors.	Approx. 5200
Shade	For shaded areas outdoors.	Approx. 7000
Cloudy	For cloudy or hazy days and during sunset.	Approx. 6000
Tungsten	For tungsten (light bulb) light.	Approx. 3200
Fluorescent	For fluorescent light.	Approx. 4000
Flash	When flash is used.	Approx. 6000
Color Temp	You can manually set color temperature for 2800 to 10000K (in 100K increments). (M-30)	Approx. 2800 to 10000

Setting the Color Temperature

You can set the color temperature to a value between 2800K and 10000K (in 100K increments).

1 Select [Color Temp] from the [White Balance] list box.



2 Enter a color temperature.

- Enter the color temperature in the [Color Temp.] input box.
- You can enter values between 2800K and 10000K (in 100K increments).

3 Press the <return> key.

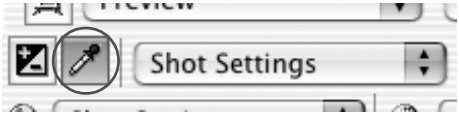
➡ The specified value is applied to the image.

Click White Balance Function

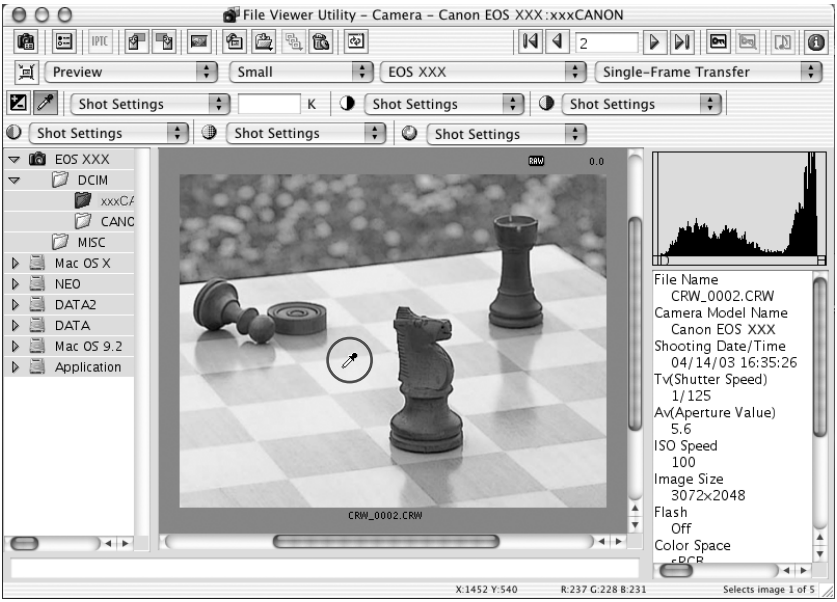
This function allows you to automatically adjust the white balance simply by clicking a point in a white part of the image.

1 Click the [Click White Balance] button.

➡ When you move the cursor over the image, it changes to the shape of an eyedropper.



2 Click in a white area in the image.



➡ The white balance is adjusted so that the area clicked appears white and the result is displayed.

● To adjust the white balance using a different location, click the [Click White Balance] button again.

When you use Click White Balance Function, [White Point] is displayed in the [White Balance] list box.

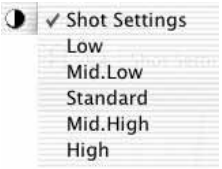
Adjusting the Color in Images

Use the procedures below to adjust the color parameters (contrast, color saturation and color tone) in images. You can adjust the color by selecting settings from the respective list boxes.

Adjusting the Contrast

Select the desired setting from the [Contrast] list box.

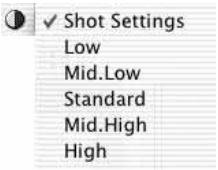
➡ The selected setting is applied to the image.



Adjusting the Color Saturation

Select the desired setting from the [Color saturation] list box.

➡ The selected setting is applied to the image.

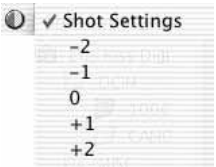


Adjusting the Color Tone

Select the desired setting from the [Color tone] list box.

➡ The selected setting is applied to the image.

● [–2] strongly adjusts the colors so that skin tones appear redder while [–1] makes the same adjustment less strongly.
[0] applies the standard color matching adjustment.
[+2] strongly adjusts the colors so that skin tones appear yellower while [+1] makes the same adjustment less strongly.



Adjusting the Sharpness

You can adjust the edge sharpness of the image.

Select the desired level from the [Sharpness] list box.

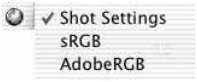
➡ The selected level is applied to the image.

Specifying the Color Space

Use the procedure below to change the color space for the image.

Select the desired setting from the [Colorspace] list box.

➡ The selected setting is applied to the image.



When transferring images that were set to [AdobeRGB] to retouching software, use retouching software that supports Adobe RGB and specify [AdobeRGB] as the RGB setting for display.

Copying the Processing Parameters for RAW Images

This process allows you to quickly and easily apply the processing parameters used for one RAW image (such as the digital exposure compensation and white balance adjustment settings) to other images.

1 Hold down the <control> key and click a RAW image that has been processed and select [Copy Current Conditions] from the menu that appears.

2 Hold down the <control> key and click the RAW image to which you want to apply the parameters and select [Paste Current Conditions] from the menu that appears.

➡ The copied processing parameters are applied to the selected RAW image.

- You can apply the same processing parameters to multiple RAW images by copying the processing parameters, selecting the RAW images (M-19) hold down the <control> key and click one of the selected images and then selecting [Paste Current Conditions] from the menu that appears.

When you exit File Viewer Utility, all the modified processing parameters are cancelled and the parameters used when the shot was taken are restored. (M-27)

Saving Images

This section explains how to save captured images stored on a CF card onto your computer, how to extract JPEG images from RAW images using a simple procedure and then save the JPEG images onto your computer, and how to save multiple images as an index file on your computer.

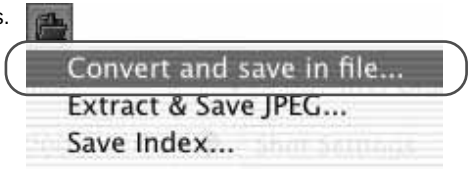
Saving Images from the Camera to Your Computer

You should save the images you have shot on your computer.

1 **Select images to be saved. (M-19)**

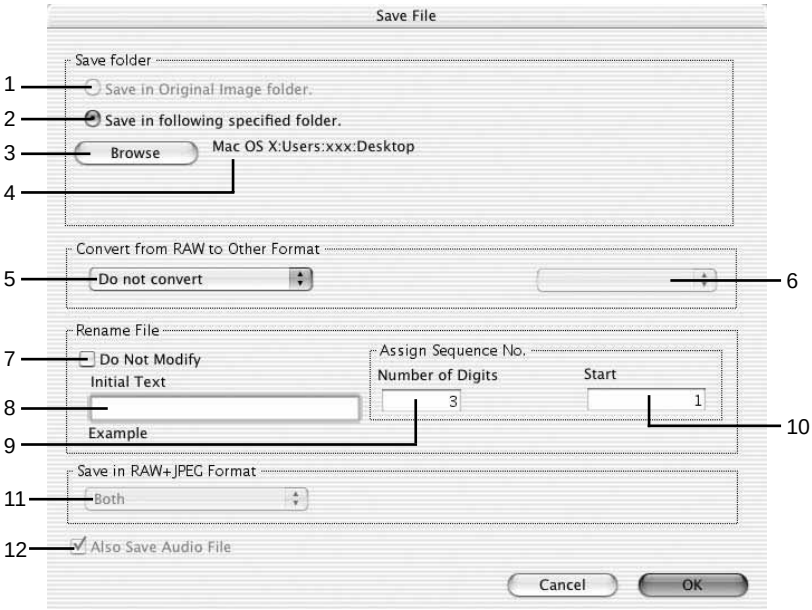
2 **Click the [Save File] button and select [Convert and save in file] from the menu that appears.**

➡ The [Save File] dialog box appears.



3 **Specify the desired settings and click the [OK] button.**

➡ The images are saved in the selected folder.



1 The converted image is saved as a new image in the same folder as the selected image. You cannot use this option when the images selected are saved on a CF card in the camera. This option is only available when the selected images are saved on your computer or on a CF card in a card reader.
2 Use this button when you want to specify the folder in which the image will be saved.
3 When the [Save in following specified folder] radio button is selected, this button specifies the folder in which the image will be saved.
4 Shows the folder in which the image will be saved.
5 Select this option when the images to be saved include RAW images.
Select [Do not convert], [Exif-JPEG], [Exif-TIFF(8bit/ch)] or [TIFF(16bit/ch)].
The file extensions used for the saved files are shown below.

Conversion Format	File Extension
Do not convert	_.CRW
Exif-JPEG	_RJ.JPG
Exif-TIFF(8bit/ch)	_RT8.TIF
TIFF(16bit/ch)	_RT16.TIF

To use linear processing, specify linear processing in the [Preferences] dialog box (M-43) and select [TIFF(16bit/ch)] when you save the image. Even when linear processing is specified, linear processing cannot be applied to images saved in [Exif-TIFF(8bit/ch)] format.

6 You can specify the [Compression Ratio] (image quality) when you select [Exif-JPEG] from the [Convert from RAW to Other Format] list box. You can select from 4 compression ratios-[4] to [1 (High Compression Ratio)]. The higher the value, the higher the quality of the JPEG image.
7 Click this checkbox when you want to save the image without changing the name.
8 This is text inserted before the file number for sorting. You can enter up to 12 characters. When you enter text, an example of the file name appears in the [Example] field below the text box.
9 You can specify up to 9 digits for the file number.
10 Specifies the first file number.
11 Images shot on your camera do not support this function.
12 Images shot on your camera do not support this function.

A range of operations is also available by selecting the image, pressing the <control> key + mouse button and selecting an option from the menu that appears.

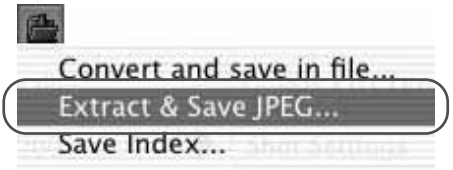
Extracting JPEG Images from RAW Images

When a RAW image is shot on your camera, a JPEG image (Middle/Fine) is recorded at the same time. You can save the JPEG image (Middle/Fine) included with the RAW image to your computer by selecting the RAW image shot on your camera and extracting the JPEG image.

1 Select the RAW image from which a JPEG image is to be extracted. (M-19)

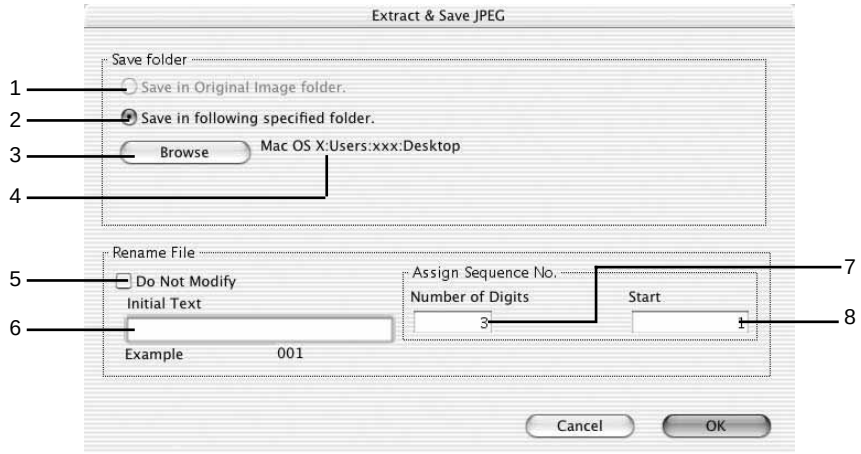
2 Click the [Save File] button and select [Extract & Save JPEG] from the menu that appears.

➡ The [Extract & Save JPEG] dialog box appears.



3 Specify the desired settings and click the [OK] button.

➡ The JPEG image is saved in the selected folder.



1 The converted image is saved as a new image in the same folder as the selected image. You cannot use this option when the images selected are saved on a CF card in the camera. This option is only available when the selected images are saved on your computer or on a CF card in a card reader.

2 Use this button when you want to specify the folder in which the image will be saved.

3 When the [Save in following specified folder] radio button is selected, this button specifies the folder in which the image will be saved.

4 Shows the folder in which the image will be saved.

5 Click this checkbox when you want to save the RAW image without changing the name.

6 This is text inserted before the file number for sorting. You can enter up to 12 characters. When you enter text, an example of the file name appears in the [Example] field below the text box.

7 You can specify up to 9 digits for the file number.

8 Specifies the first file number.

A range of operations is also available by selecting the image, pressing the <control> key + mouse button and selecting an option from the menu that appears.

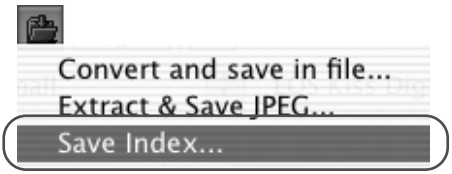
Saving Images as an Index File

This function combines multiple images into an index image and saves the index on your computer as a single JPEG file.

1 Select images to be saved as an index. (M-19)

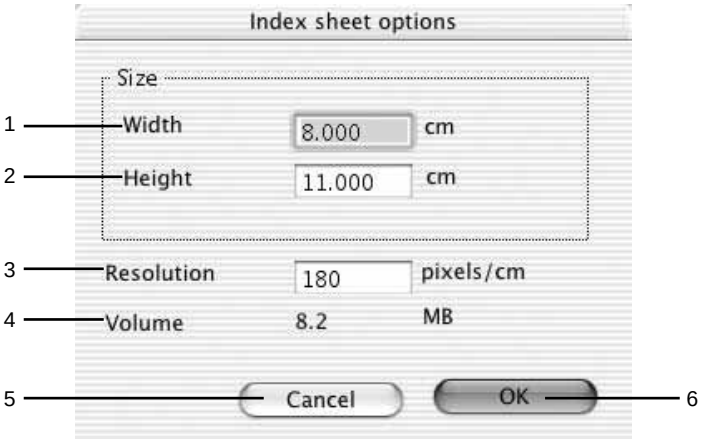
2 Click the [Save File] button and select [Save Index] from the menu that appears.

➡ The [Index sheet options] dialog box appears.



3 Enter the settings and click the [OK] button.

➡ The [Save File] dialog box appears.



1 Enter the width of the index sheet to be created. You can specify values between 4 and 11 inch.

2 Enter the height of the index sheet to be created. You can specify values between 4 and 11 inch.

3 Enter the resolution of the index images. You can specify values between 50 and 300 pixels per inch.

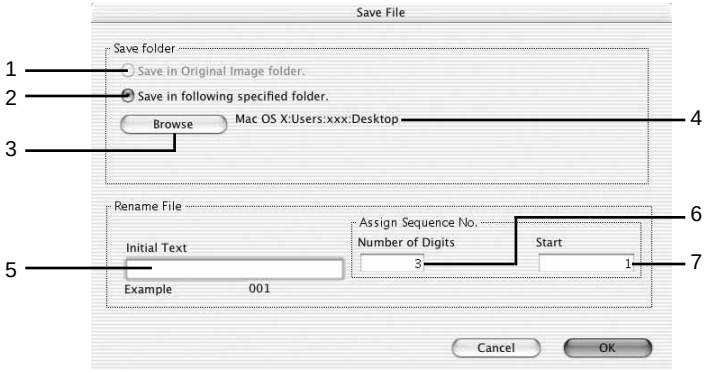
4 Indicates the projected image file size based on the specified width, height and resolution.

5 Cancels the index sheet options settings.

6 The settings are applied and the [Index sheet options] dialog box closes.

4 Specify the desired settings and click the [OK] button.

➡ The images are saved as an index in the selected folder.



1 The converted image is saved as a new image in the same folder as the selected image. You cannot use this option when the images selected are saved on a CF card in the camera. This option is only available when the selected images are saved on your computer or on a CF card in a card reader.

2 Use this button when you want to specify the folder in which the image will be saved.

3 When the [Save in following specified folder] radio button is selected, this button specifies the folder in which the image will be saved.

4 Shows the folder in which the image will be saved.

5 This is text inserted before the file number for sorting. You can enter up to 12 characters. When you enter text, an example of the file name appears in the [Example] field below the text box.

6 You can specify up to 9 digits for the file number.

7 Specifies the first file number.

A range of operations is also available by selecting the image, pressing the <control> key + mouse button and selecting an option from the menu that appears.

Transferring Images to Retouching Software

This section describes how to transfer images displayed in File Viewer Utility to the retouching software and also describes how to make settings for image transfer.

- **In order to transfer images, you will need the retouching software such as Adobe Photoshop Elements 2.0.**
- **Be sure to make the image transfer settings before transferring images.**

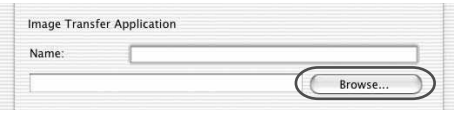
Specifying the Image Transfer Settings

Before transferring images, it is necessary to specify the retouching software to which images will be transferred and the folder for saving the transferred images. The descriptions given here show how to transfer images to Photoshop Elements 2.0, as an example.

1 Display the [General Settings] tab sheet in the [Preferences] dialog box. (M-42)

2 Click the [Browse] button of [Image Transfer Application].

➡ The [Select application] dialog box appears.



3 Select [Photoshop Elements 2.0] and then click the [Choose] button.

- On the drive where Photoshop Elements 2.0 is installed, open the [Photoshop Elements 2.0] folder and select [Photoshop Elements 2.0].

➡ Photoshop Elements 2.0 is specified as the retouching software to which images will be transferred and then the [General Settings] tab sheet appears.

4 Click the [Browse] button of [Image transfer folder].

➡ The [Select transfer folder] dialog box appears.

5 Select the folder to be used for saving the transferred images and then click the [Choose] button.

➡ The folder is specified and then the [General Settings] tab sheet appears.

6 Click the [OK] button.

➡ The settings are applied and the [Preferences] dialog box closes to end the procedure.

It is not necessary to specify the retouching software to which the images will be transferred and the folder for saving the transferred image every time unless you wish to change those settings.

Transferring Images

This section describes how to transfer the images displayed in File Viewer Utility to the retouching software. Although the descriptions given here show how to transfer images to Photoshop Elements 2.0, as an example, you can also transfer images by following the same procedure even if you specify any other retouching software in “Specifying the Image Transfer Settings” (M-40).

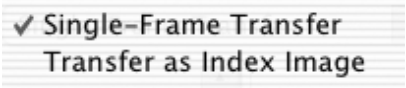
1 Select images to be transferred. (M-19)

2 Select the transfer mode from the [Image transfer mode] list box.

- There are 2 available transfer modes.

  [Single-Frame Transfer]:
  The selected images are transferred as an individual image.

  [Transfer as Index Image]:
  Thumbnails are created for the selected images and transferred as an index sheet (JPEG format).



3 Click the [Transfer Images] button.

- ➡ If you selected [Transfer as Index Image], the [Index sheet options] dialog box appears.
- ➡ If you selected [Single-Frame Transfer], the image will be transferred.
- For information on how to make settings in the [Index sheet options] dialog box, refer to step 3 in “Saving Images as an Index File” (M-38).

4 Enter the settings and click the [OK] button.

- ➡ Photoshop Elements 2.0 starts up and displays the transferred image.
- ➡ The transferred image is saved in the image transfer folder that you have set.
- ➡ RAW images are processed and then converted to TIFF format before being transferred.

A range of operations is also available by selecting the image, pressing the <control> key + mouse button and selecting an option from the menu that appears.

Specifying the Preferences

You can use the procedure below to specify the settings for image transfer and the processing parameters used for RAW images when images are transferred and saved.

1 Click the [Preferences] button.

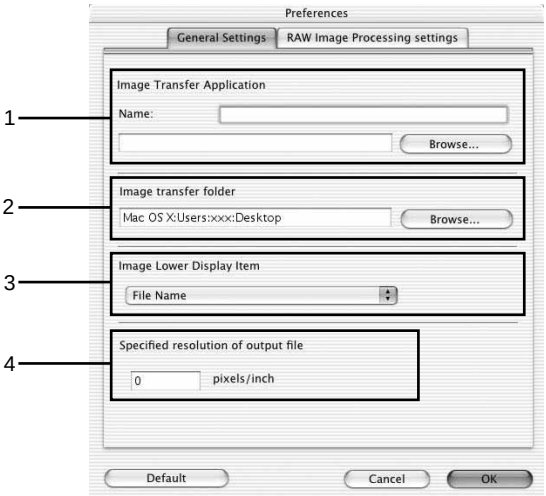
➡ The [Preferences] dialog box appears.

2 Select the [General Settings] tab or the [RAW Image Processing settings] tab.

➡ The selected tab sheet appears.

3 Specify the desired settings and click the [OK] button.

➡ The settings are applied and the [Preferences] dialog box closes to end the procedure.



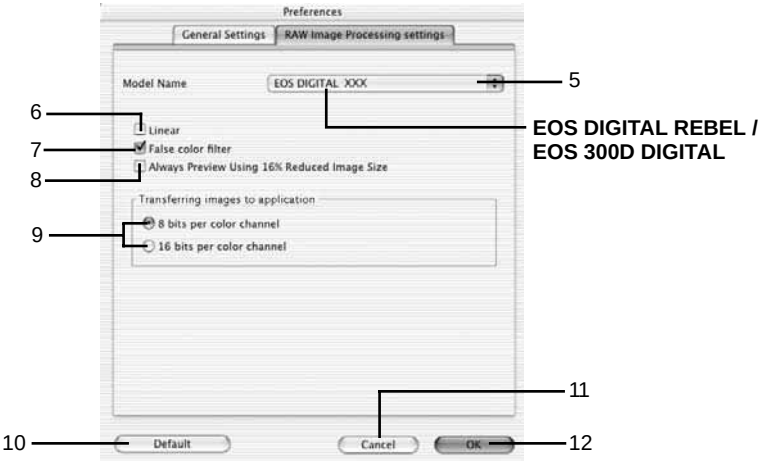
● **You can specify the settings shown below in the [General Settings] tab sheet.**

1 When you click the [Transfer Images] button (M-41), the retouching software to which the image will be transferred is specified. (M-40)

2 Specify the folder for saving the image to be transferred to the retouching software. (M-40)

3 Specify the information to be displayed below images. Select [File Name] or [Shooting Date/Time] in the list box.

4 Sets the resolution used when images are transferred to a retouching software such as Photoshop Elements 2.0. You can specify values between 10 and 2000 pixels per inch.



- **You can specify the settings shown below in the [RAW Image Processing settings] tab sheet.**

  The settings described here are those shown when [EOS DIGITAL REBEL] / [EOS 300D DIGITAL] is selected in the [Model Name] list box.

5 Select [EOS DIGITAL REBEL] / [EOS 300D DIGITAL].

* When images shot on a Canon camera are saved in the selected folder or on a CF card in the connected camera, the camera model is automatically added to the list of camera models.

6 If you select this option, image adjustment is not performed. Select this option when you want to use your own retouching software to make fine adjustments to the saturation.

7 Clicking this checkbox neutralizes false colors.

8 When you click this checkbox, a 16% reduced image is shown in the [Preview] mode.

9 Select [8 bits per color channel] or [16 bits per color channel] as the bit rate.

- **The buttons listed below are displayed in each of the tab sheets. They function in the same way in each sheet.**

10 Restores the default settings for all the parameters in the currently displayed tab sheet.

11 Cancels all the settings, restores the parameters to their original values and ends the procedure.

12 Applies the specified parameters, closes the [Preferences] dialog box and ends the procedure.

When you select any other camera in the [Model Name] list box, the available settings for the respective camera model are displayed.

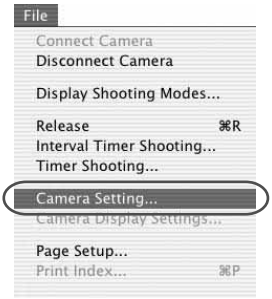
Specifying the Camera Settings

Use the procedure described here to apply the owner name and date and time settings to the camera. The owner name, and date and time that were applied on the camera are recorded with the images.
You can also format (initialize) CF cards and check the camera properties data and the status of the battery and the CF card.

Display the [Camera Settings] dialog box.

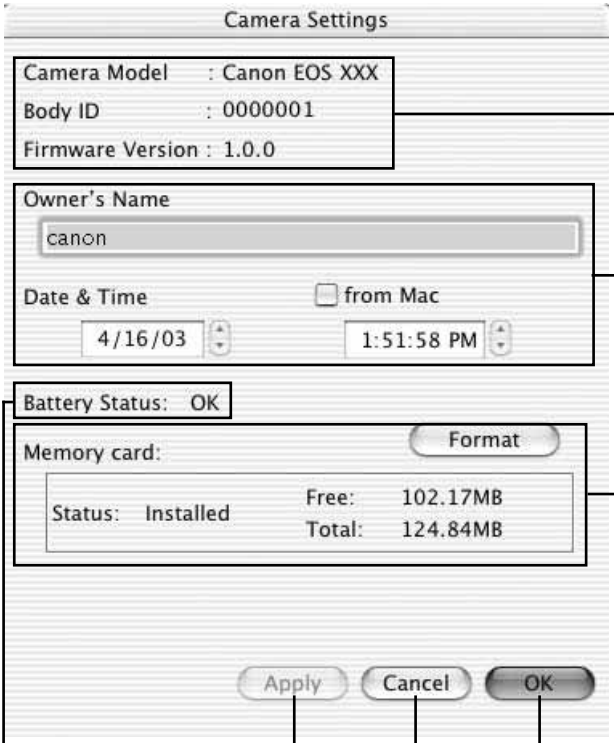
- To display this dialog box from File Viewer Utility, click the [Camera Settings] button in the main window.

- To display this dialog box from RemoteCapture, select [Camera Setting] from the [File] menu.



- To display this dialog box from ImageBrowser, select the [Camera Settings] in the menu that appears by clicking the [SETUP OPTIONS] button in the Camera window, or select the [Canon Camera] menu ▶ [Settings] ▶ [Camera Settings]. See Chapter 5, ”Working with Images in ImageBrowser”, for information on how to display the Camera window.

➡ The [Camera Settings] dialog box appears.



This box shows the camera model, body ID (serial number) and firmware version.

These fields set the camera owner and the date and time. You can enter up to 31 characters in [Owner's Name].

This box shows whether a CF card is loaded in the camera along with the available space on the card and its total capacity. You can also format a CF card from this box.

Applies the settings.

Applies the specified settings, closes the [Camera Settings] dialog box and ends the procedure.

The battery level of the camera is indicated by [OK] or [LOW]. When the camera is connected to a household power source using the DC Coupler Kit (optional), [AC] is displayed.

Cancels all the settings, restores the parameters to their original values and ends the procedure.

Formatting (initializing) a CF card erases all the data on the card. Because formatting also erases protected images, you should check the data recorded on the card carefully before proceeding.

Setting the Owner's Name, Date and Time

1 Enter the Owner's Name.

- Type in the name from your keyboard. You can enter up to 31 characters.

2 Set the Date and Time.

- Use the mouse to select Date/Time and then use the [▲] and [▼] buttons ([⬆] and [⬇] buttons in OS 9) to set the date and time, or enter the desired date and time from the keyboard. Alternatively, you can import the Date and Time data from your computer by selecting the [from Mac] checkbox.

3 Click the [Apply] button.

➡ The owner's name, date and time settings are applied to the camera.

- Once you click the [Apply] button, the settings remain effective until you reset the owner's name, date or time.
- Clicking the [OK] button applies the specified settings, closes the [Camera Settings] dialog box and ends the procedure.

4

Operating the Camera from Your Computer

This chapter describes the operations using the RemoteCapture software, such as remote shooting, timer shooting and interval timer shooting.

- For more information on using RemoteCapture, refer also to the sources listed below.

  ReadMe: Double-click the [Canon Utilities] folder ▶ the [RemoteCapture] folder ▶ [ReadMe].

  Help: Displayed by selecting [RemoteCapture Help] in the [Help] menu.

Starting RemoteCapture

1 Connect the camera to your computer. (M-9)

- In OS 9, ImageBrowser starts up and the [ImageBrowser Automation wizard] dialog box appears. Click the [Cancel] button and select [Quit] from the [File] menu to exit ImageBrowser.

2 Double-click the [Canon Utilities] folder ▶ the [RemoteCapture] folder ▶ [RemoteCapture] to start.

➡ The [Connect to camera?] dialog box appears.

3 Click the [Connect] button.

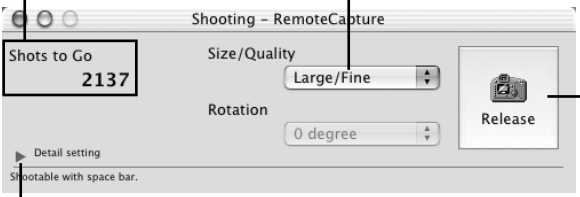
- When the [Communication Settings] dialog box appears, select [USB Port] from the [Port] list box, select your camera from the [Detected Camera] list box and then click the [Set] button.

➡ The Shooting window and Save window appear.

Shooting window

Shots to Go
Displays the number of frames that can be saved on your computer or on the CF card in the camera.

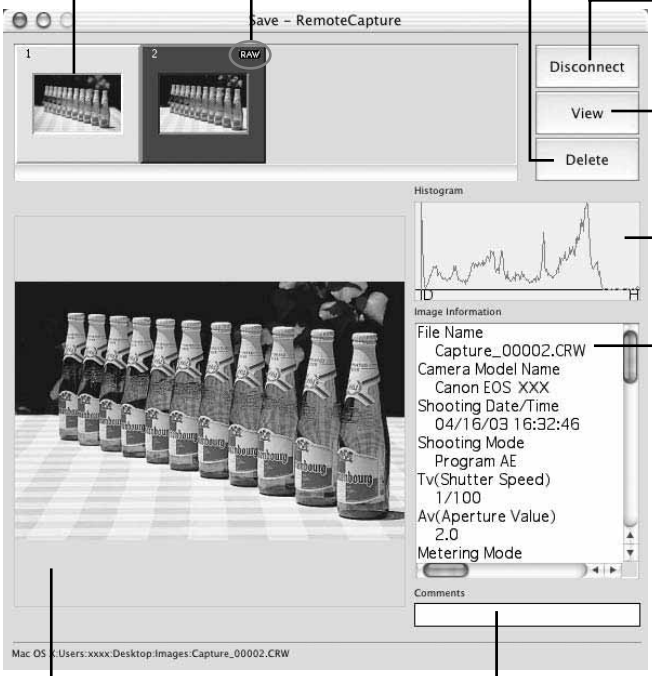
Size/Quality list box
Allows you to select the image recording quality.



Release button
Takes a shot. The image is automatically saved on your computer. Even when you press the shutter button on the camera, the image is saved on your computer.

Detail setting button
Displays the Detailed Settings window below the Shooting window allowing you to make various settings. Click the button again to close the Detailed Settings window.

Save window



Thumbnail view
Displays thumbnail images of the shots taken.

The [RAW] symbol is displayed for RAW images. No symbol is shown for JPEG images.

Delete button
Deletes the image selected in thumbnail view. Deleted images are completely removed from your computer. Check images carefully before deleting them.

Disconnect button
Cuts the connection to the camera.

View button
Displays the image selected in thumbnail view enlarged in a separate window.

Histogram
Shows the distribution of the brightness of an image.

Image Information
Allows you to check the image information details.

Image display area
Displays the image selected in the thumbnail view.

Comment input box
Use this field to type in a comment for the image.

* The above window shows all the information at once. In actual use, only the information needed is displayed.

- To exit RemoteCapture in OS X, select [Quit RemoteCapture] from the [RemoteCapture] menu.
- To exit RemoteCapture in OS 9, click the [Disconnect] button and select [Exit] from the [File] menu.
- You can specify the camera settings (M-44) by selecting [Camera Setting] in the [File] menu.

Using RemoteCapture

You can control the camera from your computer and take single-frame shots, timer shots and interval timer shots. The images are automatically saved on your computer.
Shots taken with RemoteCapture and saved on your computer can be displayed and processed in File Viewer Utility in the same way as images shot with the camera.
Refer to the Help file for more information on using RemoteCapture.

Before you use RemoteCapture, be sure to confirm that the camera is ready for shooting. If the camera is not ready for shooting (the lens is not attached, etc.), you cannot perform the operation as shown below.

Taking Shots from Your Computer

1 Set the camera up ready to shoot.

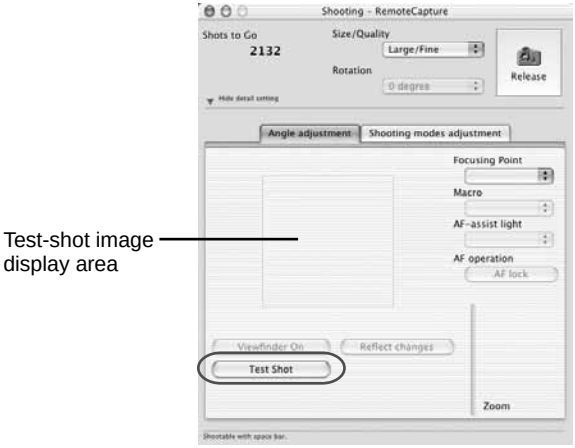
2 Make various settings.

- For information on how to set the size and image quality, refer to “Shooting window” (M-48).
- See “Default Settings” (M-53) for information on how to save images.

3 Take a test shot.

- Click [▷] (the Detail setting button) in the Shooting window and select the [Angle adjustment] tab in the displayed Detailed Settings window, and then click the [Test Shot] button.

➡ The test-shot image is displayed in the test-shot image display area.



4 Click the [Release] button.

➡ The captured image is saved to your computer and displayed on the screen.

- To enlarge the image for checking, select the image and click the [View] button.
- To delete the image, select the image and click the [Delete] button.

Approximate Transfer Times

Transfer Time	Approx. 59 sec.

- **The transfer times given here are only approximations. Actual transfer times vary widely depending on the images and the computer system.**
- Transfer times are based on Canon testing standards.
  (Time until the RAW image appears in the Save window when the [Release] button is pressed in the Shooting window and [Computer only] is specified using the following: OS: OS X (10.2); CPU: Power PC G4 700 MHz; RAM: 256 MB)
- The times for images shot in JPEG format will be shorter than those shown above.

- With the auto focusing, if the camera cannot focus, you cannot take shots. If you cannot take shots with the auto focusing, focus manually and then take a shot.
- The test-shot images taken with the camera held vertically are displayed in the normal (horizontal) orientation in the test-shot image display area.

To rotate a downloaded image, select the image and then select [Rotate Saved Image 90 degree Right] or [Rotate Saved Image 90 degree Left] in the [Edit] menu.

Timer Shooting

Use this function to specify the timer delay. Timer shooting shots are then taken after the specified number of seconds.

1 Select [Timer Shooting] in the [File] menu.

➡ The [Timer Shooting] dialog box appears.

2 Enter the timer setting (in seconds) and click the [Start] button.

- You can set a value between 2 and 30 seconds in 1-second increments.

➡ Timer shooting shots are taken after the specified number of seconds.

Interval Timer Shooting

This function allows you to specify the interval between shots and the number of shots.

1 Select [Interval Timer Shooting] in the [File] menu.

➡ The Interval Timer Shooting warnings dialog box appears.

2 Check the information in the warnings and then click the [Yes] button.

➡ The [Interval Timer Shooting] dialog box appears.

3 Enter the shooting interval and the total number of shots. Then click the [Start] button.

- You can set a shooting interval between 5 seconds and 60 minutes in 1-second increments.
- You can set up to a maximum of 9999 shots.

➡ Interval timer shooting is performed using the specified interval between shots and the specified number of shots.

On some types of computers, if you set a short interval between shots and there is insufficient time to download and save the images, it may not be possible to take shots at the specified interval. If this occurs, set a longer interval between shots and take the shots again.

Depending on the available capacity on your computer's hard disk, the maximum number of available shots that can be set may be less than 9999. You can check the number of shots that can be set by referring to the number of available shots shown in the Shooting window. (M-48)

Checking Shooting Settings

You can confirm the camera settings used when images are taken.

Select [Display Shooting Modes] in the [File] menu.

➡ The [Shooting Settings] dialog box appears, displaying the camera settings used when images are taken.

- Clicking the [OK] button closes the [Shooting Settings] dialog box.

Printing Images

You can print images. All the images shown in the thumbnail view are printed in index format. The time of shooting and the file names are printed with the images.

1 Select [Print Index] in the [File] menu.

➡ The Printer Setup dialog box appears.

2 Select the printer to be used, specify the print settings and print images.

Setting RemoteCapture

This section describes how to make various settings for using RemoteCapture. In the settings, you can specify Default Settings to save images on your computer, and you can also specify Detailed Settings to make shooting settings from your computer remotely.

Default Settings

Use the procedure below to select the folder in which images will be saved and to specify the file names.

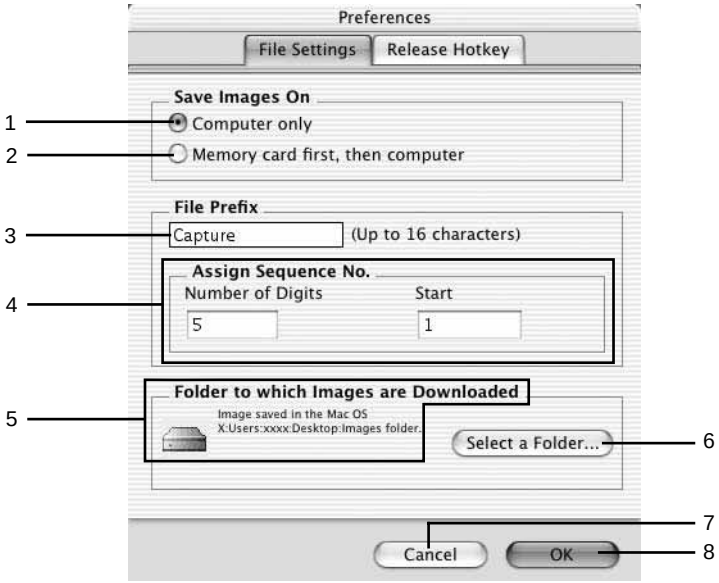
1 Select [Preferences] from the [RemoteCapture] menu.

- If you are using OS 9, select [Preferences] from the [File] menu.

➡ The [Preferences] dialog box appears.

2 Specify the desired settings and click the [OK] button.

➡ The settings are saved and the [Preferences] dialog box closes to end the procedure.



1 You can use this option to take shots when there is no CF card in the camera or when the CF card is full.
2 Saves captured images both on your computer and on the CF card in the camera.
3 Use this field to enter a file name when saving a captured image.
  * The file name can consist of up to 16 characters.
4 Sets the number of digits in the sequence number that follows the file name and the starting number used.
  * If you enter [Capture] into [File Prefix] field, [5] into [Number of Digits], and [1] into [Start], sequential file names will be assigned automatically beginning with [Capture_00001.JPG] or [Capture_00001.CRW].
5 Displays the directory path for the folder in which files are saved.
6 Use this to select the folder on which files are saved.
7 Cancels all the specified settings, restores the previous settings and ends the procedure.
8 Applies the specified settings, closes the [Preferences] dialog box and ends the procedure.

You can set the Hotkey for shutter release by selecting the [Release Hotkey] tab.

Detailed Settings

You can set shooting settings, such as White Balance and Exposure Compensation, from your computer remotely.

- **Before you make detailed settings, be sure to confirm that the camera is ready for shooting. If the camera is not ready for shooting (the lens is not attached, etc.), you cannot make some of the settings.**
- **The shooting settings cannot be specified if the camera's shooting mode is set to the Basic zone. Set the camera's shooting mode to the Creative zone.**

1 Display the Detailed Settings window.

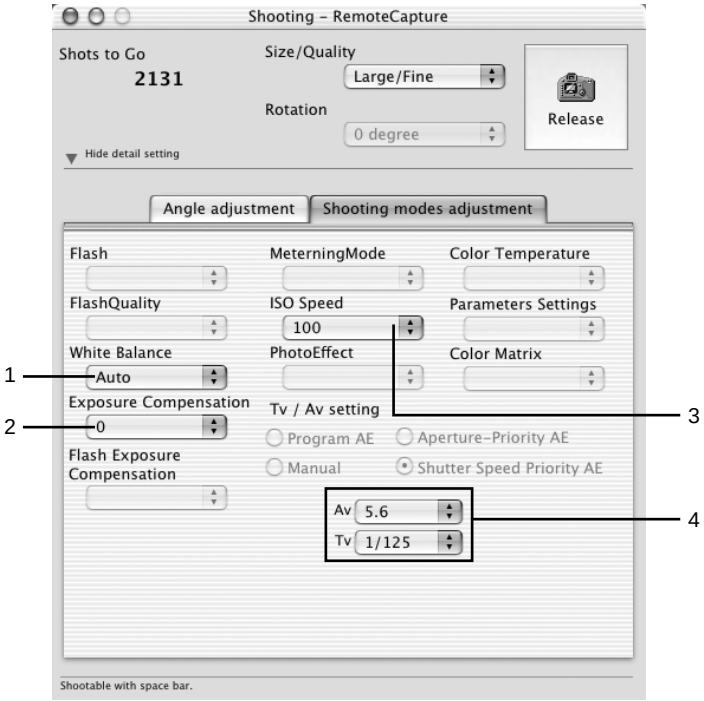
- Click [▷] (the Detail setting button) in the Shooting window.

2 Click the [Shooting modes adjustment] tab.

➡ The [Shooting modes adjustment] tab sheet appears.

3 Specify the settings and then close the Detailed Settings window.

- Click [▽] (the Hide detail setting button) in the Shooting window.



* The above window shows all the information at once. In actual use, only the information needed is displayed.

1 Allows you to specify White Balance.
2 Allows you to perform Exposure Compensation.
(Enabled only when Program AE, Shutter-priority AE, Aperture-priority AE or Automatic Depth-priority AE is selected as the shooting mode on the camera.)
3 Allows you to specify ISO Speed.
4 Allows you to specify the Av (aperture value) and Tv (shutter speed) settings.
(The specifiable settings are only displayed when Shutter-priority AE, Aperture-priority AE or Manual Exposure is selected as the shooting mode on the camera.)

5

Working with Images in ImageBrowser

This chapter explains how to use ImageBrowser to perform a range of operations from downloading the camera's images to printing them.

- For more information on using ImageBrowser, refer also to the sources listed below.

ReadMe:	Double-click the [Canon Utilities] folder ▶ the [ImageBrowser] folder ▶ [ReadMe].
Help:	Displayed by selecting [ImageBrowser Help] in the [Help] menu.
Software User Guide:	View by downloading from the Canon website. See "ZoomBrowser EX/ImageBrowser Software User Guide" (A-7) for details.

Starting ImageBrowser

1 Connect the camera to your computer. (M-9)

➡ In OS 9, ImageBrowser starts up and the [ImageBrowser Automation wizard] dialog box appears.

● To cancel [ImageBrowser Automation wizard], click the [Cancel] button to close the [ImageBrowser Automation wizard] dialog box.

➡ To use [ImageBrowser Automation wizard], proceed to “Automatic Startup from the Auto Run Dialog Box”. (M-60)

2 Double-click the [Canon ImageBrowser] icon.

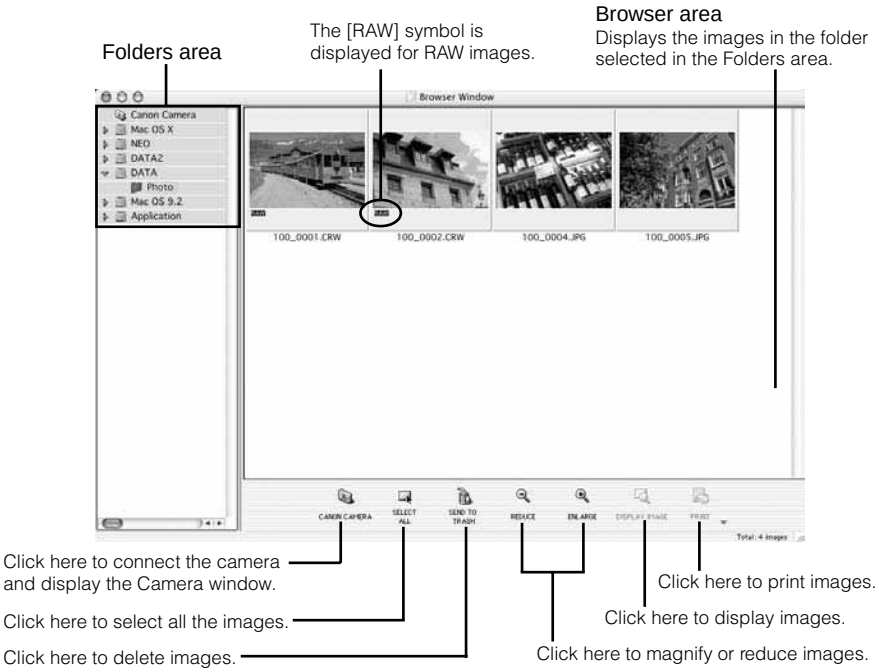
● Double-click the [Canon ImageBrowser] icon on the desktop or the [Canon Utilities] folder saved in the folder specified during installation ▶ the [ImageBrowser] folder ▶ the [ImageBrowser] icon.

OS X

OS 9

➡ When you start ImageBrowser, the Browser window appears.

Browser Window



3 Click the [CANON CAMERA] button.

➡ The Camera window appears and the images stored on the CF card in the camera are displayed.

- When the [Communication Settings] dialog box appears, select [USB Port] from the [Port] list box and select the connected camera from the [Detected Camera] list box. Then click the [Set] button.
- You can also open the Camera window by clicking the [Canon Camera] icon in the Folders area.

Camera window

An image of the camera or CF card will be displayed here.

The [RAW] symbol is displayed for RAW images. No symbol is shown for JPEG images.

Sets various camera settings. See "Specifying the Camera Settings" (M-44) for information on how to set.

Reconnects the camera to your computer.

Allows you to select all the images displayed in the Camera window at a time.

Click here to delete images.

Downloads the selected images onto the computer.

Click here to print images.

Rotates images.

Saves images from the computer onto the CF card in the camera.

Displays the shooting data.

Lets you edit the slide show and DPOF print specifications.

- To exit ImageBrowser in OS X, select [Quit ImageBrowser] from the [ImageBrowser] menu.
- To exit ImageBrowser in OS 9, select [Quit] from the [File] menu.

Automatic Startup from the Auto Run Dialog Box

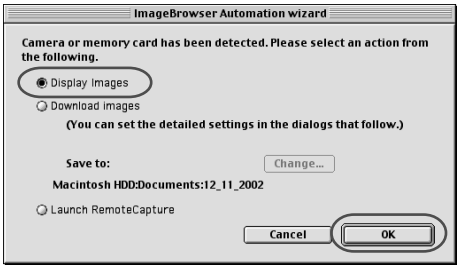
In OS 9, you can set ImageBrowser to start up automatically from the [ImageBrowser Automation wizard] dialog box that appears when you connect the camera to your computer.

1 Connect the camera to your computer. (M-9)

➡ The [ImageBrowser Automation wizard] dialog box appears.

2 Confirm that [Display Images] radio button is selected and click the [OK] button.

➡ The Camera window and Browser Window appear.



- When the [Communication Settings] dialog box appears, select [USB Port] from the [Port] list box and select the connected camera from the [Detected Camera] list box. Then click the [Set] button.
- ImageBrowser can be started in the same way when a third-party card reader is connected to the computer.
- To set up the software so that ImageBrowser does not start up when you connect the camera to your computer, see “Disabling ImageBrowser Auto Start” (M-62).

When ImageBrowser starts up automatically from the next time onwards

The automatic processing settings selected previously are displayed in the [ImageBrowser Automation wizard] dialog box. To use these settings unchanged, click the [Start] button. To do nothing, click the [Cancel] button. To change the settings, click the [Settings change] button.

➡ When you click the [Settings change] button, the window changes as shown below.

- When the [Display Images] radio button is selected, click the [OK] button.

➡ The Camera window appears.

- When the [Download images] radio button is selected, click the [Next] button and then proceed as instructed by the on-screen messages.

➡ The images on the camera are downloaded.

- When you select the [Launch RemoteCapture] radio button, click the [OK] button.

➡ RemoteCapture starts up. (M-48)

Disabling ImageBrowser Auto Start

In OS 9, use the procedure below to prevent ImageBrowser from starting up automatically when you connect the camera to your computer.

1 **Select the Apple menu ▶ [Control Panels] ▶ [Canon ImageBrowser Auto Launch].**

➡ The [Settings for USB connection] dialog box appears.

2 **Uncheck the [The application program below will start] checkbox.**

3 **Close the [Settings for USB connection] dialog box.**

- Click [ ] in the upper left corner of the dialog box to close the dialog box.

➡ ImageBrowser will cease to start automatically thereafter.

Downloading and Saving Images

The procedure below describes how to download the images saved on a CF card in the camera or card reader and save those images on your computer.

1 Display the images.

- Click the [CANON CAMERA] button in the Browser Window.

➡ The Camera window appears and the images stored on the CF card in the camera are displayed.

- When the [Communication Settings] dialog box appears, select [USB Port] from the [Port] list box and select the connected camera from the [Detected Camera] list box. Then click the [Set] button.
- You can also open the Camera window by clicking the [Canon Camera] icon in the Folders area.
- To display images stored on the computer or on a CF card using a card reader, click the [▸] to the left of the [EOS_DIGITAL] icon in the Folders area and then double-click the [DCIM] icon that appears.

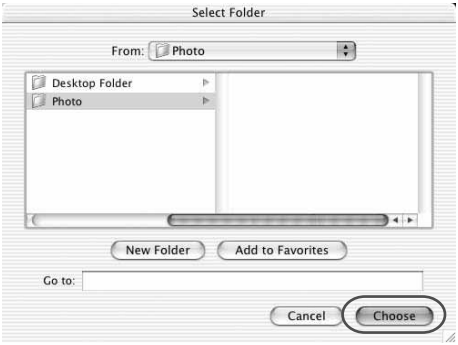
2 Select the image and click the [DOWNLOAD] button.

- Select the images to be downloaded by clicking the images.
- To select multiple images, hold down the <Shift> key as you click the images.
- Clicking a selected image again deselects that image.

➡ The [Select Folder] dialog box appears.

3 Select the folder in which to save the images and click the [Choose] button.

➡ Image downloading begins and the downloaded images appear in the Browser Window.



- You can also download images to the computer by dragging them from the Camera window and dropping them on the Browser area or Folders area.
- To disconnect the camera, select [Close] from the [File] menu in the Camera window.

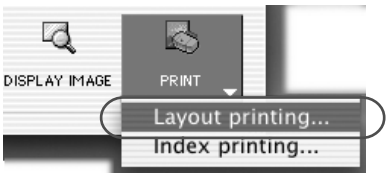
Printing Images

1 Display images in the Browser window. (M-63)

2 Select the image(s) you wish to print in the Browser area.

3 Click the [PRINT] button and select [Layout printing] from the displayed menu.

➡ The [Layout Options] dialog box appears.



4 Select a layout and click the [Next] button.

- Select the [Custom layout printing] radio button for the purposes of this example.

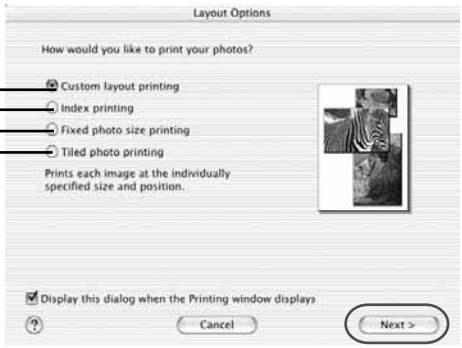
➡ The page setup window in the [Layout Options] dialog box appears.

Select this option when you want to set the custom image size and position and create your own design.

Select this option to print the images in an index format.

Select this option to print as many images as possible on a set paper size (such as L-size or business-card-size).

Prints the number of images specified per page laid out so that they cover the entire page. (When a printer that supports borderless full-screen printing is used, [Borderless printing] is displayed.)



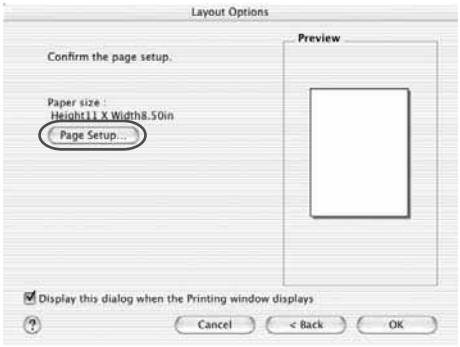
* The print mode settings vary depending on your printer.

- Selecting the [Custom layout printing] radio button allows you to print your photos in any position and at any size. By selecting other print modes, you can also print your images as an index or in a tiled layout.
- If you are printing in OS 9 using a Canon printer that supports perforated paper, the [Canon perforated paper printing] radio button is displayed allowing you to print on Canon perforated paper.
- The settings available in step 4 vary depending on type of printing selected in step 3.

5 Click the [Page Setup] button.

- In the setup window that appears, set parameters such as the paper size and orientation and then close the window.

➡ The [Layout Options] dialog box reappears.



6 Click the [OK] button.

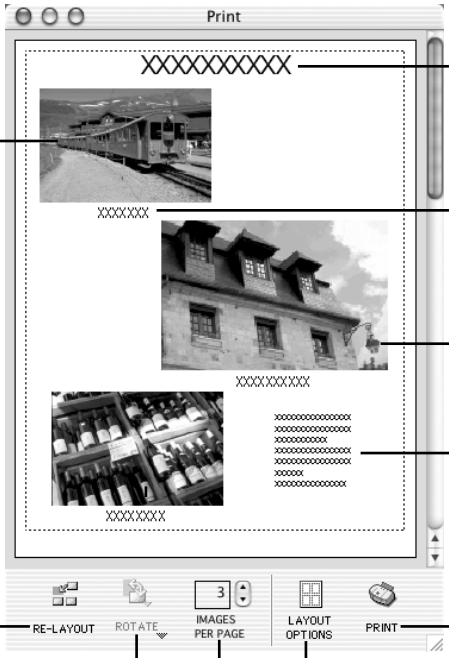
➡ The Print window appears.

7 Edit the Print window and click the [PRINT] button.

➡ The Printer Setup dialog box appears.

Print window

When the [Custom layout printing] radio button is selected in the [Layout Options] dialog box, you can freely change the size and position of the images for printing.



Change the Image Size
Drag the border to resize the image.

Edit the Page Title
Open the [Edit] menu and select [Edit Header].

Add Captions to Images
Click the image and then select [Edit Caption] from the [Edit] menu.

Change the Layout
Drag the images to change the layout.

Add Text
Open the [Edit] menu and select [Add Text].

Resets the layout.

Displays the Printer Setup dialog box.

Rotates the selected image.

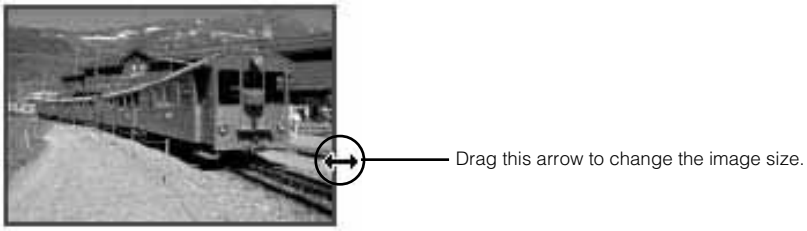
Changes the default number of images printed per page.

Displays the [Layout Options] dialog box.

- **Saving the page layout**
  You can save the page layout as an “Album” by selecting [Save] from the [File] menu.
- **Adding images to the page**
  You can drag and drop displayed images from the Browser window to the Print window.
- **Changing the image angle**
  Select the image and then click the [ROTATE] button. Then select [90 degrees right], [90 degrees left] or [180 degrees] from the menu that appears.

● **Changing the image size**

You can change size of an image by moving the cursor over the image and dragging the displayed arrows.



* Depending on the print mode, you may not be able to change image size or angle.

8 Select the printer to be used, specify the print settings and print images.

Adjusting the Image Quality and Printing (Exif 2.2 compatible)

ImageBrowser includes an image quality adjustment function that is compatible with Exif 2.2 (Exif Print).
This function allows you to print images with the quality automatically corrected.

1 Select [Preferences] from the [ImageBrowser] menu.

- If you are using OS 9, select [Preferences] from the [Edit] menu.

➡ The [Preferences] dialog box appears.

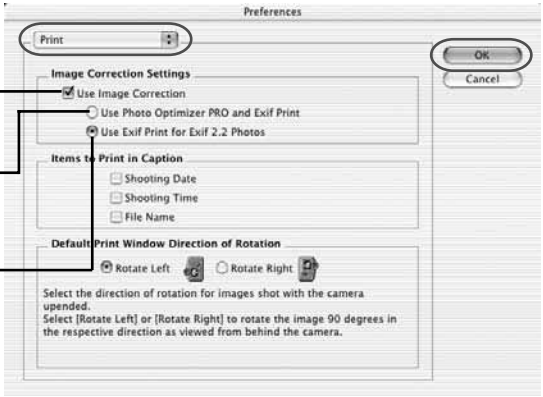
2 Select [Print] from the list box, make the settings of image quality correction, and click the [OK] button.

➡ The corrected values are applied and the dialog box closes.

A check mark must be placed here to automatically correct the image quality.

Select this option to automatically correct images shot with Exif 2.2 compliant cameras and other images.

Select this option to automatically correct only images shot with Exif 2.2 compliant cameras.



3 Print images. (M-65)

- Images shot on camera that comply with Exif 2.2 incorporate recorded information on the settings used when the shot was taken. The Exif Print correction functions use this information to adjust the image quality so that it more accurately reflects the shooting settings.
- When printing from ImageBrowser, the image quality adjustment settings are applied for all images.

Processing RAW Images and Merging Images

Processing RAW Images with ImageBrowser

To process RAW images from ImageBrowser, start up File Viewer Utility.

1 **Display an image in the Browser window. (M-63)**

2 **Select the RAW image to be processed from the Browser area.**

3 **Click the [File] menu and select [RAW image processing].**

➡ File Viewer Utility starts, and the thumbnail-displayed RAW image is displayed in the File Viewer Utility main window.

4 **Process the RAW image.**

● See “Processing RAW Images” (M-27) for information on how to process RAW images.

If File Viewer Utility is started from ImageBrowser, the functions available in File Viewer Utility are restricted. In addition to that [Show the folder tree] is not displayed, the functions such as the camera settings, image rotation, image transfer, index saving, image erasing, information update, image protection, etc. cannot be used.

Merging Images with PhotoStitch

PhotoStitch makes it easy to created composite images such as panorama shots by automatically merging multiple images.

1 **Display images in the Browser window. (M-63)**

2 **Select the desired JPEG images from the Browser area and then select [PhotoStitch] in the [Edit] menu.**

➡ PhotoStitch starts up.

● Follow the instructions in the guidance window to merge the images.

● Please refer to the PhotoStitch Help menu for more details.

● You cannot merge RAW images in PhotoStitch.

● Up to four images can be merged using PhotoStitch.

6

Troubleshooting and Uninstallation

This chapter provides a troubleshooting manual and describes the software uninstallation procedures.

Troubleshooting

When the “Could not complete installation correctly”, “Communication between the camera and computer failed” or “Software not running correctly” message appears, check the items described below.

I have installed the software but the camera and computer cannot communicate.

● **Does your computer comply with these requirements?**

→ A Macintosh computer with a USB connector as a standard feature.

* Operation is not guaranteed when the camera is connected to a USB interface that is not a standard feature of the computer.

● **Are the camera and computer connected correctly?**

→ Connect the camera to your computer correctly using the dedicated USB cable. (M-9)

● **Is the correct communication mode selected on the camera?**

→ To use the SOLUTION DISK software, set the camera’s communication mode to [Normal]. If you are using the PTP function in OS X, set the mode to [PTP] (M-8).

● **Is there sufficient charge left in the camera battery?**

→ Your computer does not supply power to the camera. Connect the DC Coupler Kit (optional) to the camera or load a fully charged battery into the camera before connecting it to your computer. (“Installing and Removing the Battery” in the Instructions provided with your camera)

● **Do you have more than one camera connected to your computer?**

If you connect more than one camera to the same computer, the driver and camera may not operate normally.

→ Close the software and disconnect all the dedicated USB cables. Then reconnect just the dedicated USB cable that connects the camera to your computer.

● **Are you using the camera on a first-generation iMac without having first updated the firmware?**

Update the firmware using the iMac Firmware Update and then update the system software to OS X or OS 9.

→ You can download the iMac Firmware Update from Apple’s web site.

→ Purchase OS X or OS 9 from your Apple retailer.
(* Version 10.2 of OS X and version 9.2 of OS 9 are recommended.)

The software doesn't run properly or doesn't run at all.

● **Is the preferences file for the software corrupted?**

→ The preferences file for your software may be damaged.
Quit all active programs, delete the [Canon CameraCom Pref] file and the preference files for the software you are using from the [Preferences] folder, and then restart the software.
If you are using OS X, double-click the startup disk and click the [Home] button. Then double-click the [Library] folder ▶ [Preferences] to open the [Preferences] folder and delete the target preference files.
If you are using OS 9, open the [Preferences] folder by double-clicking [System Folder] ▶ the [Preferences] folder on the startup disk and then delete the target preference files.

• Canon CameraCom Pref	Communications and default settings file shared by all software programs
• CanonFileViewerUtility Pref	Preferences file for File Viewer Utility
• RemoteCapture Pref	Preferences file for RemoteCapture
• ImageBrowser Preferences	Preferences file for ImageBrowser

Uninstalling

- With the exception of ImageBrowser for OS 9, the software uninstallation procedure is the same for both OS X and OS 9.
- Before beginning the software uninstallation, close all programs you are using and disconnect the dedicated USB cable from your computer.
- When you have moved the software in the folders and control panels to be deleted to the Trash, select [Empty Trash] from the [Finder] menu (If you are using OS 9, select [Empty Trash] from the [Special] menu.) and empty the Trash. You cannot reinstall the software until you have emptied the Trash.

Uninstalling (Deleting) the Software

The following explanation uses the procedures for uninstalling File Viewer Utility as an example for uninstalling other programs as well.

1 Display the folder in which the software is saved.

- Open the [Canon Utilities] folder.

2 Drag the folder for the software to be uninstalled to the Trash and empty the Trash.

- When uninstalling ImageBrowser for OS 9, you should also drag [Canon ImageBrowser Auto Launch] from the [Control Panels] to the Trash and empty the Trash.

- When you drag the folder to the Trash, take great care not to delete any important images at the same time.
- When uninstallation ends, restart your computer.

Uninstalling Photoshop Elements 2.0

1 **Display the folder in which the [Adobe Photoshop Elements 2] folder is saved.**

2 **Drag the [Adobe Photoshop Elements 2] folder to the Trash and empty the Trash.**

- When you drag the folder to the Trash, take great care not to delete any important images at the same time.
- When uninstallation ends, restart your computer.

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- This Instructions booklet is current as of August 2003. For information on using the camera with system accessories introduced after this date, contact your nearest Canon Service Center.
- The camera's specifications and physical appearance are subject to change without notice.

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