

**Canon**

# EOS 10D

## DIGITAL

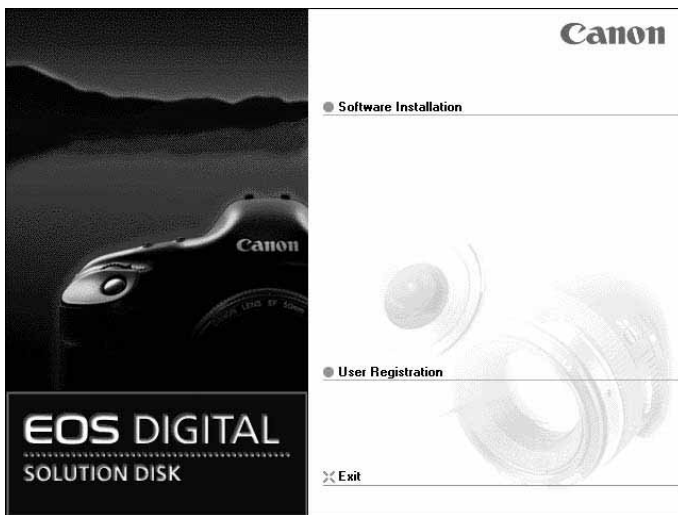
# Software

Windows

Macintosh

## INSTRUCTIONS

### EOS DIGITAL SOLUTION DISK Ver. 5



Please read these instructions carefully before using the EOS 10D software.

This guide should be kept in a safe place so that it can be used for future reference.

**Exif Print**

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English Edition

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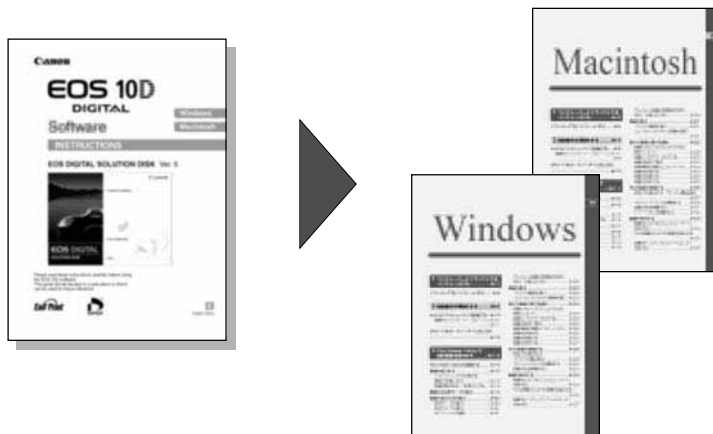
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# Manual Organization, How to Read the

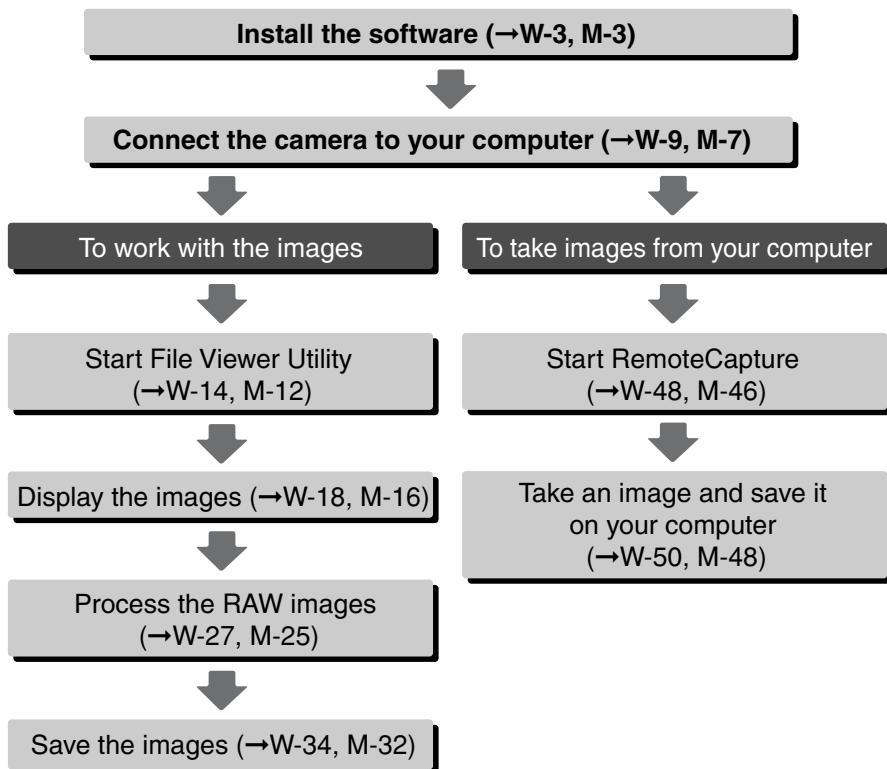
- This manual consists of a chapter for Windows followed by a chapter for Macintosh.



- The information in these instructions is valid for the Windows XP Home Edition/ Professional (referred to hereafter as Windows XP), Windows 2000, Windows Me, Windows 98 Second Edition (referred to hereafter as Windows 98 SE), Mac OS 9.2 and Mac OS X operating systems.
  - Where explanations are common to all operating systems, the screens used in the examples are from Windows XP for Windows and from Mac OS 9.2 for Macintosh.
  - 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 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.
-  : Marks information that should be read before use to prevent damage to the camera, camera malfunction, or problems that would interfere with the functioning of software and computer.
-  : Marks additional information that you will find helpful when using the camera or software.

# Manual and the Conventions Used

## Operation Flow



- In addition, you can use the WIA Driver or TWAIN Driver (→W-57) to quickly and easily download images from your camera. You can also use ZoomBrowser EX (→W-63) or ImageBrowser (→M-55) to produce ExifPrint-compatible prints and merge panoramic images.
- Descriptions of the software applications are provided in "Software" (→A-6). Select the application that best suits your purposes.

## 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.

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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

- When you connect the camera to your computer with the interface cable, images stored on the CF card in the camera are displayed. It also allows you to display images stored on your card reader or computer.
- Allows you to display, save and erase images.
- Allows you to perform image processing including processing RAW images.

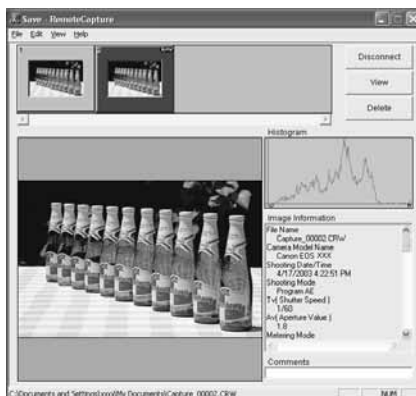


### RemoteCapture

Windows

Macintosh

- RemoteCapture allows you to operate the camera remotely and download images to your computer. RemoteCapture also lets you take images using a timer shooting or interval timer shooting function, in addition to single-frame shooting.



## ZoomBrowser EX/PhotoRecord

Windows

### ImageBrowser

Macintosh

- When you connect the camera to your computer with the interface cable, images stored on the CF card in the camera are displayed.
- This program displays downloaded images as thumbnail and allow you to sort and organize them by content.
- This program can start your e-mail program\* and send images as file attachments to it. Since the file size and compression rate can be controlled, you can reduce large image files to sizes small enough for easy transmission.  
\* The e-mail programs must be enabled as MAPI clients.
- Starting PhotoRecord from ZoomBrowser EX allows you to select backgrounds or frames for your images and add titles or comments when your images are printed. You can also use PhotoRecord to print your images in a stunningly realistic album-like layout with several images pasted onto each page.

### PhotoStitch

Windows

Macintosh

- PhotoStitch provides an easy way to merge a series of overlapping images into a single, seamless panorama by automatically arranging the frames in order. You can use this feature to stitch your shots together into one complete 360° cylinder-shaped panorama image.

### WIA Driver

Windows

- This is a driver for Windows XP and Windows Me that allows you to connect the camera to your computer using the interface cable and that automatically starts the [Scanner and Camera Wizard] so you can download JPEG images to your computer.
- It also allows you to copy JPEG images using standard file copying procedures in Windows Explorer (but it cannot upload computer files to the camera).

### TWAIN Driver

Windows

- This is a driver for Windows 2000 and Windows 98 SE that allows you to connect the camera to your computer using the interface cable, display JPEG images saved on the CF card in your camera and transfer those images to a TWAIN Driver-compatible application.

# ■ Adobe Photoshop Elements 2.0 DISK

## Photoshop Elements 2.0

- This is a full-featured image retouching program equipped with a complete range of image processing functions.
- You can use this program to transfer images from File Viewer Utility. You can also use this program to download images from WIA TWAIN or to start the TWAIN Driver.
  - \* If you already have Photoshop Elements 2.0 installed on your computer, you do not need to install it again.
  - \* Explanations for transferring images from File Viewer Utility described in these instructions and the explanations for the TWAIN Driver-compatible applications all use examples from Photoshop Elements 2.0.

## 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.

# Computer System Requirements

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

## Windows System Requirements

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

|                        |  |                         |
|------------------------|--|-------------------------|
| <b>OS</b>              | Mac OS 9.0 to 9.2 (Mac OS 9.2 recommended)<br>Mac OS X (version 10.2 recommended)  |                         |
| <b>Computer</b>        | Macintosh computer with one of the above OS installed and a USB port as a standard feature<br>(users of first-generation iMacs require a firmware update. →M-70) |                         |
| <b>CPU</b>             | Power PC   |                         |
| <b>RAM</b>             | Mac OS 9.0 to 9.2  | Minimum 128 MB required |
|                        | Mac OS X   | Minimum 256 MB required |
| <b>Interface</b>       | USB  |                         |
| <b>Hard disk space</b> | 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          |
| <b>Display</b>         | 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

W

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

## 1 Installing the Software on Your Computer ..... W-3

|   |            |
|---|------------|
| <b>Installing the Software .....</b>    | <b>W-4</b> |
| Installing the Software from the EOS    |            |
| DIGITAL SOLUTION DISK .....             | W-4        |
| Installing Photoshop Elements 2.0 ..... | W-8        |
| Please Register Your Camera! .....      | W-8        |

## 2 Getting Ready to Work with Images ..... W-9

|  |             |
|--|-------------|
| <b>Connecting the Camera to Your Computer .....</b>    | <b>W-10</b> |
| About Backing up (Copying) Images ..                   | W-11        |
| <b>Inserting a CF Card into Your Card Reader .....</b> | <b>W-12</b> |
| CF Card Folder Structure and File Names .....          | W-12        |

## 3 Working with Images in File Viewer Utility ..... W-13

|   |             |
|---|-------------|
| <b>Starting File Viewer Utility .....</b>                 | <b>W-14</b> |
| <b>Displaying Images .....</b>                            | <b>W-18</b> |
| <b>Selecting Images .....</b>                             | <b>W-19</b> |
| Selecting Images with the Mouse .....                     | W-19        |
| Selecting Images from the Control Panel .....             | W-19        |
| <b>Selecting the Model-Specific Processing Mode .....</b> | <b>W-20</b> |

## Selecting the Image Display Mode .... W-21

|  |      |
|--|------|
| Selecting the Display Mode .....                                       | W-21 |
| Selecting the Display Size .....                                       | W-22 |
| Checking the AF Point .....  | W-22 |
| Showing/Hiding the Information Display Frame of Thumbnail Images ..... | W-23 |
| Updating Information on Main Window .....                              | W-23 |
| Showing/Hiding Image Information .....                                 | W-23 |

## Working with Selected Images ..... W-24

|  |      |
|--|------|
| Protecting Images .....                                    | W-24 |
| Selecting Images by Condition .....                        | W-24 |
| Rotating Images .....                                      | W-25 |
| Erasing Images .....                                       | W-25 |
| Checking the Image Information and Entering Comments ..... | W-26 |
| Printing Images .....                                      | W-26 |

## Processing RAW Images ..... W-27

|   |      |
|---|------|
| Correcting the Brightness (Digital Exposure Compensation) ..... | W-28 |
| Adjusting the White Balance .....                               | W-29 |
| Adjusting the Color in Images .....                             | W-32 |
| Adjusting the Sharpness .....                                   | W-33 |
| Specifying the Color Space .....                                | W-33 |
| Copying the Processing Parameters for RAW Images .....          | W-33 |

## Saving Images ..... W-34

|  |      |
|--|------|
| Saving Images from the Camera to Your Computer ..... | W-34 |
| Extracting JPEG Images from RAW Images .....         | W-36 |

|   |             |
|---|-------------|
| Saving Images as an Index File .....                    | W-38        |
| <b>Transferring Images to Retouching Software .....</b> | <b>W-40</b> |
| Specifying the Image Transfer Settings .....            | W-40        |
| Transferring Images .....                               | W-41        |
| <b>Specifying the Preferences .....</b>                 | <b>W-42</b> |
| <b>Specifying the Camera Settings .....</b>             | <b>W-44</b> |

## **4 Operating the Camera from Your Computer ..... W-47**

|                                       |             |
|---------------------------------------|-------------|
| <b>Starting RemoteCapture .....</b>   | <b>W-48</b> |
| <b>Using RemoteCapture .....</b>      | <b>W-50</b> |
| Taking Shots from Your Computer ..... | W-50        |
| Interval Timer Shooting .....         | W-51        |
| Timer Shooting .....                  | W-52        |
| Checking Shooting Settings .....      | W-52        |
| Printing Images .....                 | W-52        |
| <b>Setting RemoteCapture .....</b>    | <b>W-53</b> |
| Default Settings .....                | W-53        |
| Detailed Settings .....               | W-55        |

## **5 Downloading Images with the WIA Driver/TWAIN Driver ..... W-57**

|   |             |
|---|-------------|
| <b>Downloading Images with the WIA Driver .....</b>   | <b>W-58</b> |
| Downloading with the Scanner and Camera Wizard .....  | W-58        |
| Downloading with Windows Explorer ..                  | W-59        |
| Downloading with the WIA TWAIN .....                  | W-60        |
| <b>Downloading Images with the TWAIN Driver .....</b> | <b>W-62</b> |

## **6 Working with Images in ZoomBrowser EX ..... W-63**

|  |             |
|--|-------------|
| <b>Starting ZoomBrowser EX .....</b>                   | <b>W-64</b> |
| Starting ZoomBrowser EX from an Event Dialog Box ..... | W-64        |
| Starting ZoomBrowser EX Using the Icon .....           | W-65        |
| <b>Downloading and Saving Images .....</b>             | <b>W-67</b> |
| <b>Printing Images in PhotoRecord .....</b>            | <b>W-69</b> |
| Printing Images .....                                  | W-69        |

|  |             |
|--|-------------|
| Adjusting the Image Quality and Printing (Exif 2.2 compatible) ..... | W-73        |
| <b>Sending E-mail with Attached Images .....</b>                     | <b>W-74</b> |
| <b>Processing RAW Images and Merging Panorama Shots .....</b>        | <b>W-76</b> |
| Processing RAW Images with ZoomBrowser EX .....                      | W-76        |
| Merging Panoramic Images with PhotoStitch .....                      | W-76        |

## **7 Troubleshooting and Uninstallation ..... W-77**

|   |             |
|---|-------------|
| <b>Troubleshooting .....</b>              | <b>W-78</b> |
| <b>Uninstallation Procedure .....</b>     | <b>W-81</b> |
| Uninstalling the Software .....           | W-81        |
| Uninstalling the Driver .....             | W-82        |
| Uninstalling Photoshop Elements 2.0 ..... | W-90        |
| <b>Adobe Customer Support .....</b>       | <b>W-91</b> |
| <b>Index .....</b>                        | <b>W-92</b> |

# 1

## **Installing the Software on Your Computer**

---

This chapter describes how to install the bundled software.

# Installing the Software

## Installing the Software from the EOS DIGITAL SOLUTION DISK



- The software must be installed using the procedure described below.
- **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 appropriate to your operating system.
  - Windows XP/Windows Me: WIA Driver
  - Windows 2000/Windows 98 SE: TWAIN Driver
- Before you connect the camera to your computer, you must install the WIA Driver or TWAIN Driver from the EOS DIGITAL SOLUTION DISK on your computer. After installation is complete, take the EOS DIGITAL SOLUTION DISK out of the CD-ROM drive.
- Set the camera's Auto power off function to [Off] before you start installing the driver.
- You must not set the camera's main switch to <OFF> until installation ends.
- 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 for the respective products. Information on how to access this information is provided on the title pages of the sections that describe the software.

### 1

#### Start up your computer.

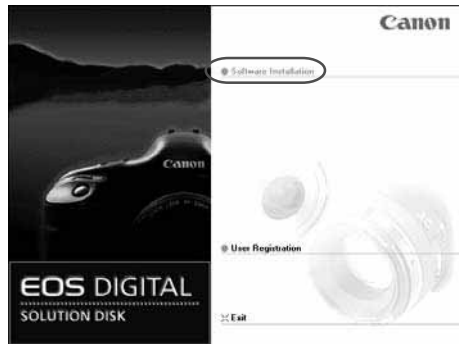
- Windows XP Professional or Windows 2000 users should log in using computer Administrator privileges.
- Close any programs that are running before you begin installing the software.

### 2

#### Load the SOLUTION DISK into the CD-ROM drive.

- ➔ The Installer panel automatically 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 icon for the CD-ROM drive containing the SOLUTION DISK, select [Open] from the menu that appears and double-click the [Setup] icon.

### 3 Click [Software Installation].



W

1

Installing the Software on Your Computer

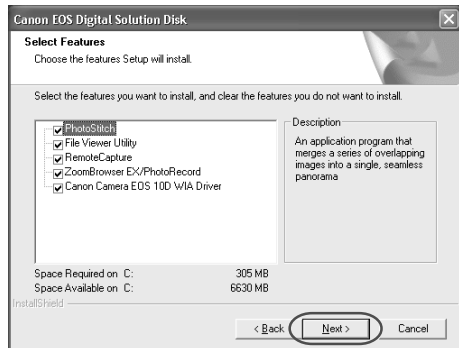
### 4 Click the [Next] button.

### 5 Read all of the Software User License Agreement carefully. If you agree to the terms of the license, click the [Yes] button.

### 6 Select the folder in which the software will be installed and then click the [Next] button.

### 7 Select the software to be installed.

- Click the checkboxes for the software to be installed and then click the [Next] button.



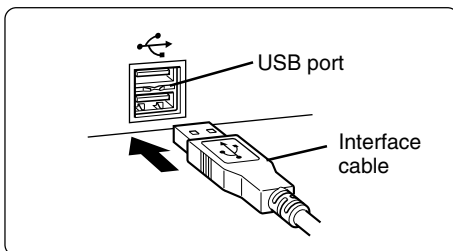
**8** Proceed with the installation as directed by the on-screen messages.

**9** When installation has finished, restart your computer.

**10** After the restart, remove the SOLUTION DISK from the CD-ROM drive.

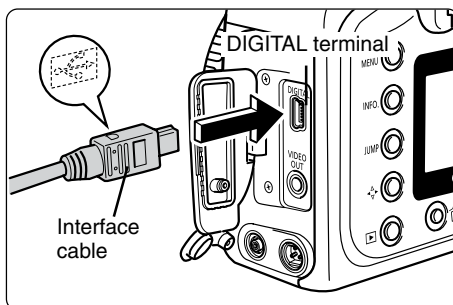
**11** Plug the interface cable into the computer.

- 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.



**12** Plug the interface cable into your camera.

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



## 13 Set the camera's main switch to <ON>.

→ Driver installation ends.

- The completion of driver installation is only performed the first time you connect the camera to your computer after installing the drivers from the SOLUTION DISK.
- Once installation is completed, an event dialog box or the [Scanner and Camera Wizard] dialog box appears. Click the [Cancel] button to close the displayed dialog box.
- When the message appears prompting you to restart your computer, restart your computer as directed by the message.
- When driver installation ends, set the camera's main switch to <OFF>.



Depending on your operating system and computer system, the [Creating driver information database] or [Found new hardware] dialog box may appear when you set the camera's main switch to <ON>.

## When You Have Problems with Driver Installation

If you have problems with driver 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 the driver software.

- (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-9)
- (2) Is the camera connected correctly?
  - See steps 11 and 12 (→W-6) for the connection method.
- (3) Are the camera and computer set up correctly for communication?
  - Is the camera's main switch set to <ON>?
  - Even when the camera's main 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 to [Off]. (Refer to "Menu Settings" in the EOS 10D Instructions.)
- (4) Is there sufficient charge left in the camera battery?
  - When you connect your camera to a computer, you should use the DC Coupler Kit (optional) so that you can continue to use your camera regardless of battery level.

If you have checked that none of the above problems apply and you still have problems with the driver installation, follow "Uninstalling the Driver" (→W-82) and perform the driver installation procedure once more from the beginning.

## Installing Photoshop Elements 2.0

- You are required to enter the serial number during Photoshop Elements 2.0 installation. The serial number is shown on the CD-ROM's label.
- To ensure that you do not lose the serial number, carefully copy the serial number 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 [Agree] button.

### 4 Check that the [Install] button is selected and click the [Adobe(R) Photoshop(R) 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.



# Getting Ready to Work with Images

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

# Connecting the Camera to Your Computer

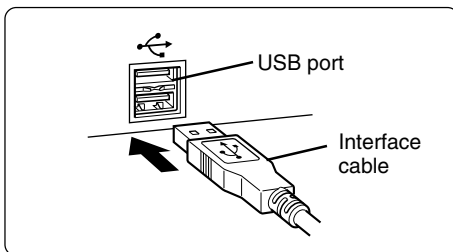
Connect the camera to your computer with the interface cable so that they can communicate. You can connect the camera while your computer is running.

- 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 main switch to <OFF>.
  - Open the CF card slot cover.
  - Disconnect the interface cable or remove the battery.
  - Disconnect the DC coupler (optional) or unplug the power cord or AC adapter.

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

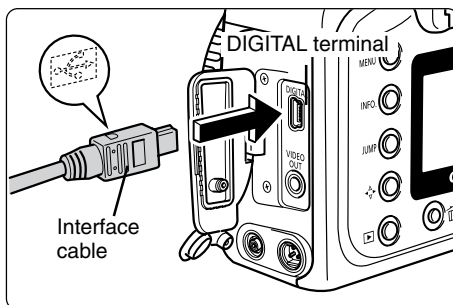
## 1 Plug the interface cable into the computer.

- 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 interface cable into your camera.

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



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

- ➔ The camera is now ready to communicate with your computer. An event dialog box or the [Scanner and Camera Wizard] dialog box appears.



- Use only the dedicated interface 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 interface 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 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 interface 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. (If you are using a household power source, no message is displayed and the connection is not terminated.) To re-establish the communication, press the shutter button down halfway or set the camera's main 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 interface 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 interface 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 you connect your camera to a computer, you should use the DC Coupler Kit (optional) so that you can continue to use your camera regardless of battery level. You should set the camera's Auto power off function to [Off].

## About Backing up (Copying) Images

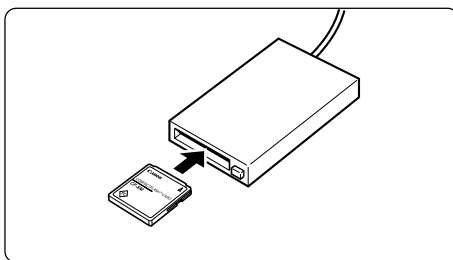
- You should back up (copy) the captured images on the hard disk of your computer, etc. before working with EOS DIGITAL SOLUTION DISK.

# Inserting a CF Card into Your Card Reader ■

To download images from a CF card directly onto your computer, remove the CF card from your camera and load it into a card reader (third-party product) connected to your computer.

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

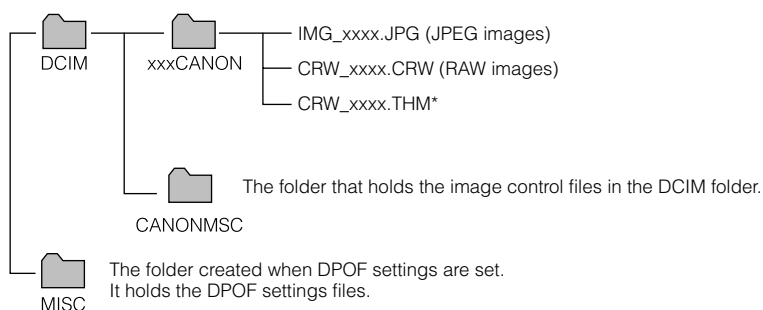
**2 Load the card into the card reader.**



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.
- All folders except the [xxxCANON] folders contain image control files. Do not open or delete them.

\* The thumbnail image files for the camera's index replay mode.



## 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 (Web)].

**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-10)

- ➔ An event dialog box appears.
- Click the [Cancel] button to close the dialog box.
- ➔ In Windows Me, the [Scanners and Cameras Wizard] dialog box appears.
- Click the [Cancel] button to exit the [Scanners and Cameras Wizard].

## 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-23)

### 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-21)

Display Size list box (→W-22)

Model-specific processing mode list box (→W-20)

Image transfer mode list box (→W-41)

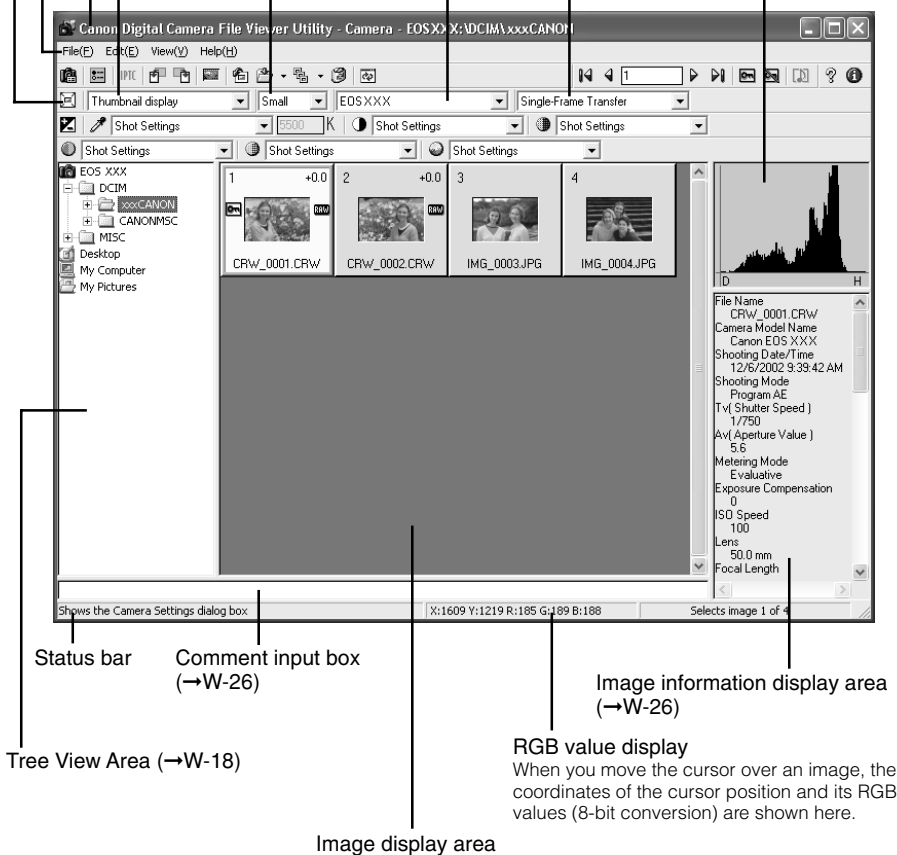
### Histogram

Shows the distribution of the brightness of an image.

W

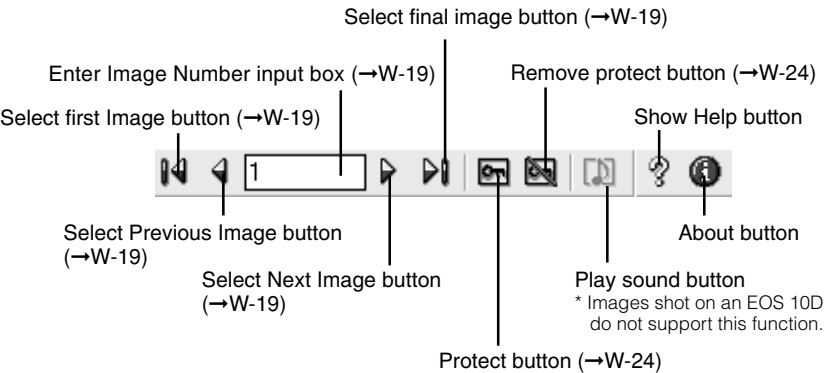
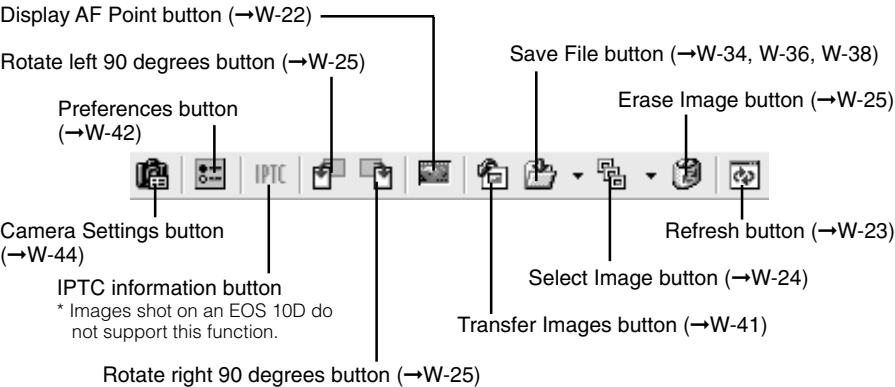
3

Working with Images in File Viewer Utility



\* 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.

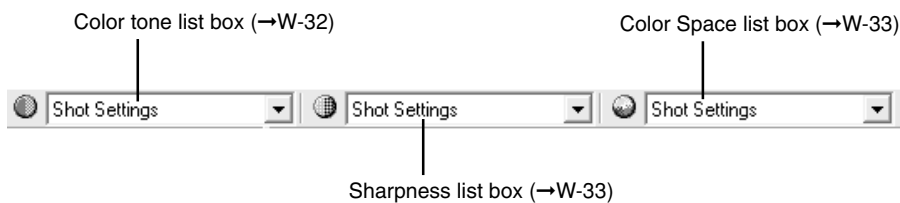
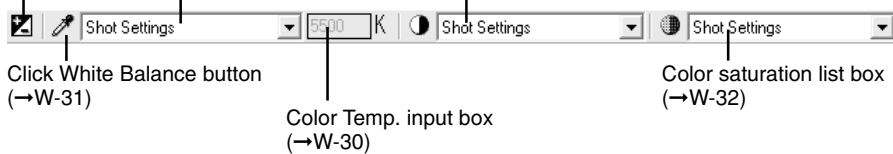


\* The above window shows all the information at once. In actual use, only the information needed is displayed.

Digital Exposure Compensation button (→W-28)

White Balance list box  
(→W-29, W-30)

Contrast list box (→W-32)



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

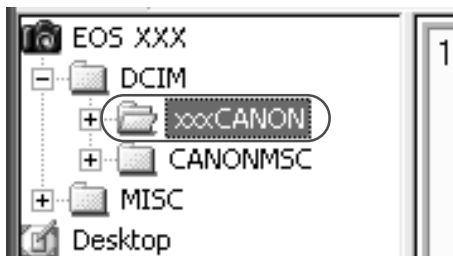
# Displaying Images

This section describes how to display images stored on a CF card in a camera or your computer.

You can display images stored on a CF card via the interface 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 XXX] and then click the plus symbol [ + ] to the left of the [DCIM] folder ► the [xxxCANON] folder in [Tree View Area].
- “10D” (the camera model) is displayed in place of the “XXX” in [EOS XXX].
- A number between 100 and 999 is displayed in place of the “xxx” in [xxxCANON].
- ➔ The images saved in the selected folder are 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.



- The following images can be displayed in File Viewer Utility.
  - JPEG images
  - RAW images shot on a Canon digital camera
  - TIFF images saved in File Viewer Utility (→W-34)
- \* Images that cannot be displayed by File Viewer Utility appear as a question mark [?].
- For either displaying images stored on a CF card in a third-party card reader, or displaying images stored on your computer, follow the same procedure of clicking the target folder to display them.
- If RAW images are included in images to be displayed, there may be a short delay before the images appear.
- You can copy the folder by dragging it and dropping it on another folder in [Tree View Area]. On the menu that is displayed by right-clicking on the folder, you can create and erase the folder, or change the folder name.
- Deleting a folder erases all the images in that folder. Erased images cannot be restored. Check carefully before erasing folder.

# Selecting Images

## Selecting Images with the Mouse

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

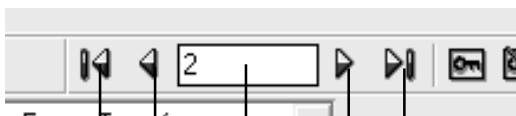
- To select multiple images at random, hold down the <Ctrl> key and click the images.
- To select consecutive images, click the first image and then hold down the <Shift> key and click the last image.
- ➔ The frame around the selected image changes color.



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.

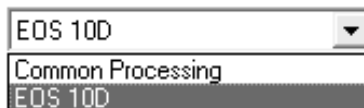
# Selecting the Model-Specific Processing Mode ■

You can display the RAW image process tool bar for processing RAW images.

By selecting the model of a camera on which images are shot (model-specific processing mode) from the [Model-specific processing mode] list box, you can process the RAW images shot on the selected camera.

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**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 10D]**

The RAW image process tool bar is displayed, and when you select the RAW images shot on the EOS 10D, you can process them. 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 the EOS 10D 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 “Processing RAW Images” (→W-27) for information on how to process RAW images.
- 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.

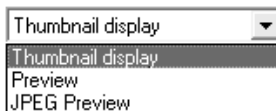
# Selecting the Image Display Mode

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

## Selecting the Display Mode

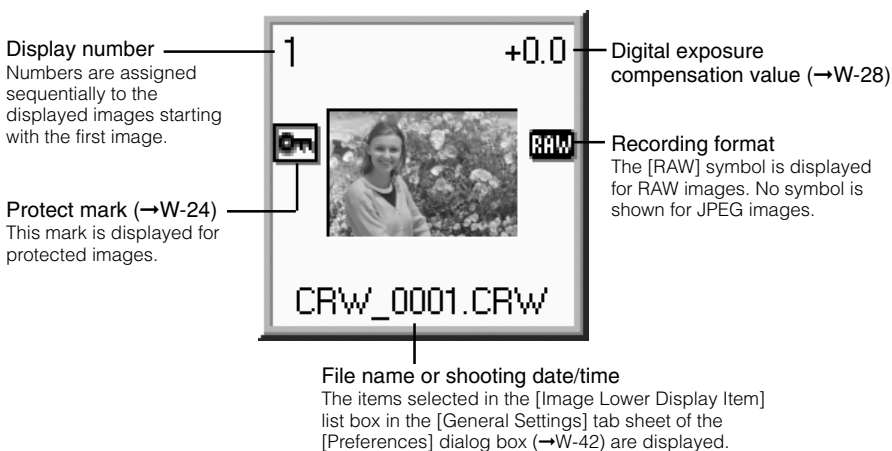
**Click the [Display Mode] list box and select the mode.**

- 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]

The selected image is displayed as a single image.

### ■ [JPEG Preview]

When you select a RAW image, simultaneously recorded JPEG image in the RAW image is displayed.

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.
- See "Simultaneous Capture in RAW and JPEG Formats" in the EOS 10D Instructions for information about the settings for JPEG images recorded simultaneously with RAW images.

## 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-21)**

**2 Click the [Display AF Point] button.**

- ➔ The AF point of the camera used when the shot was taken is displayed.
- Click the button again to hide the AF point.



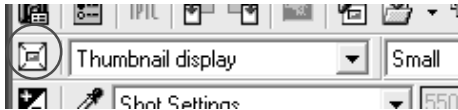
- For images taken with One-Shot AF, the active AF point is displayed. When the shot was taken with automatic AF point selection, multiple active AF points might be displayed.
- For images shot with AI Servo AF, the selected AF point is displayed.

## Showing/Hiding the Information Display Frame of Thumbnail Images

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

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

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



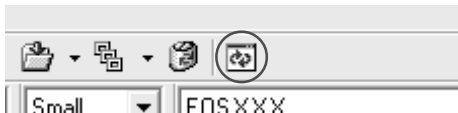
- ➔ The information display frame of the thumbnail image is hidden.
- Click the button again to display the information display frame of the thumbnail image.

## Updating Information on Main Window

If you take shots while the File Viewer Utility main window is displayed, the displayed image and information may not be up-to-date. In such a case, update the displayed image and information in the main window.

**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.



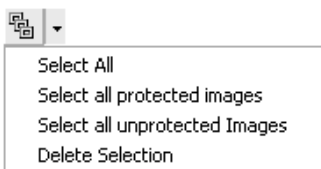
- When multiple images are selected, all the selected images are protected.
- The [  ] is automatically displayed for images that were protected on the camera.
- Protection only prevents images from being erased. Other types of image processing can still be performed for protected images.
- A range of 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.

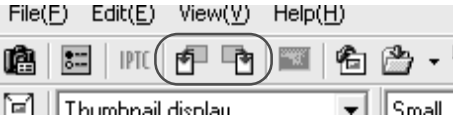


# Rotating Images

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.
- 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.**

- ➔ The [Canon Digital Camera] 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-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 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

Images shot in Adobe RGB color must be transferred to the retouching software (→W-40) so that settings such as the saturation can be adjusted. The Adobe RGB information is shown in the Image information display area.

## Printing Images

You can use File Viewer Utility to print images in index format. (This is similar to a “proof sheet” for 35 mm images.)

# 1

Select images to be printed in index format (→W-19).

# 2

Select [Print Index] in the [File] menu.

→ The images are printed.



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

# Processing RAW Images

RAW images are processed so that they are optimized for their intended use. As well as using the same white balance and sharpness settings as those set on the camera, File Viewer Utility allows you to specify additional processing parameters such as digital exposure compensation and white balance adjustment using the Click White Balance function.

This processing does not involve working with the original RAW images. It applies virtual parameters to RAW images temporarily downloaded to the computer. Accordingly, you can redo the processing repeatedly with different parameters.

You can also change the modified parameters back to the settings used when the shot was taken.

W

## 1 Process the RAW image.

- Select [EOS 10D] from the [Model-specific processing mode] list box. (→W-20)
- Select the RAW image to be processed. (→W-19)
- It is recommended that you use the Preview mode to check the processed image. (→W-21)

## 2 Change the parameter settings.

- Change parameter settings as desired. See the pages that follow for information on how to set the parameters.  
→ The image is reprocessed using the modified parameters and the result is shown.

## 3 Save or transfer the image in a commonly used format.

- You can save images as JPEG or TIFF files (→W-34) by clicking the [Save File] button and selecting [Convert and save in file] from the menu that appears. You can also extract and save the JPEG image contained in the RAW image by selecting [Extract Save JPEG] (→W-36) and you can save multiple images as an index by selecting [Save Index] (→W-38).
- Clicking the [Transfer Images] button transfers the image to the retouching software that you have set. (→W-41) You can specify the color bit depth when the image is transferred in the [RAW Image Processing settings] tab sheet in the [Preferences] dialog box (→W-43).

3

Working with Images in File Viewer Utility



When multiple images are selected, the specified processing is applied to all the RAW images selected.

## Correcting the Brightness (Digital Exposure Compensation)

You can correct the brightness of an image in the range of  $\pm 2$  stops in 0.1-stop increments.

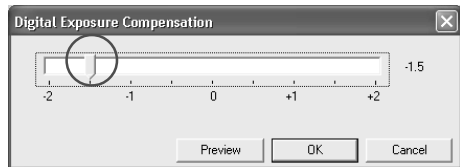
### 1 Click the [Digital Exposure Compensation] button.

- ➔ The [Digital Exposure Compensation] dialog box appears.



### 2 Compensate the image brightness.

- Drag the slider left or right with the mouse to adjust the image brightness.
- 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.

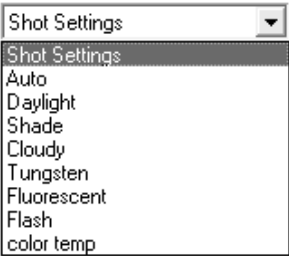
# Adjusting the White Balance

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.

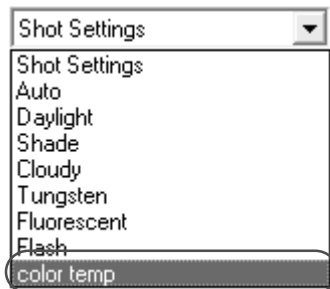


| White Balance | Details   | Color temp./K (Kelvin) |
|---------------|---|------------------------|
| Shot Settings | To apply the white balance setting used when the shot was taken.                        | —                      |
| Auto          | File Viewer Utility automatically sets the white 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-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 <Enter> key.

- ➔ The specified value is applied to the image.

## Click White Balance Function

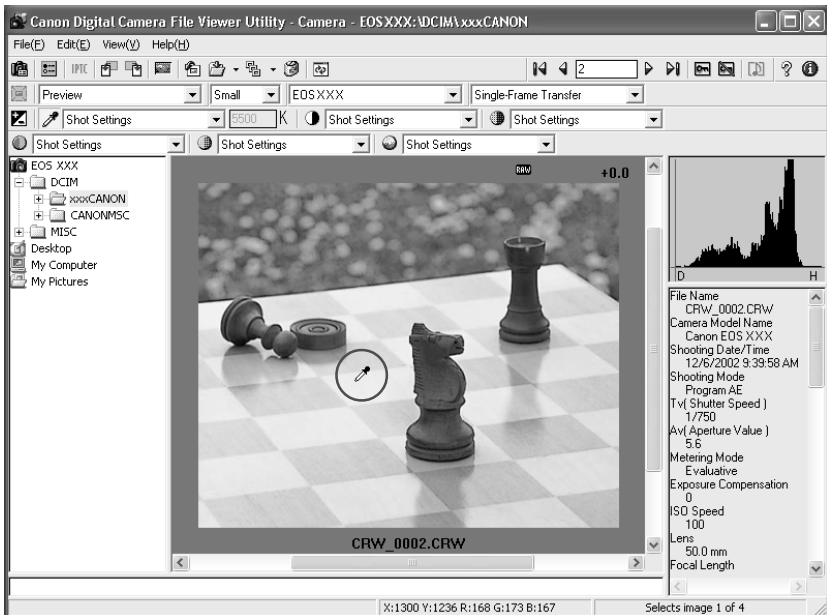
This function allows you to automatically adjust the white balance simply by clicking a point in a white part of the image.

### 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.

W

3

Working with Images in File Viewer Utility

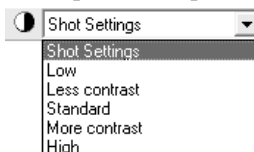
## Adjusting the Color in Images

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.**

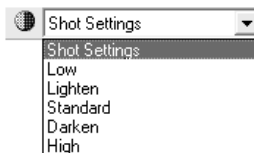
- ➔ The selected setting is applied to the image.



### Adjusting the Color Saturation

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

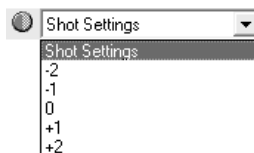
- ➔ The selected setting is applied to the image.



### 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.

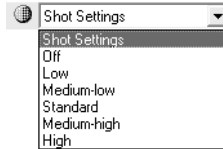


## Adjusting the Sharpness

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.

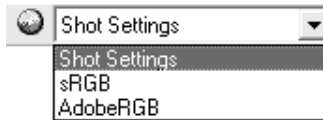


## Specifying the Color Space

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.



## 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 processing parameters] from the menu that appears.**

**2 Right-click the RAW image to which you want to apply the parameters and select [Paste processing parameters] 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-19), right-clicking one of the selected images and then selecting [Paste processing parameters] from the menu that appears.



You cannot save processing parameters. When you exit File Viewer Utility, the copied processing parameters are erased.

# 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.

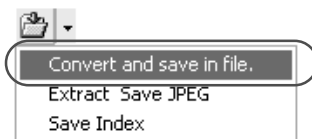
## Saving Images from the Camera to Your Computer

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

### 1 Select images to be saved. (→W-19)

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

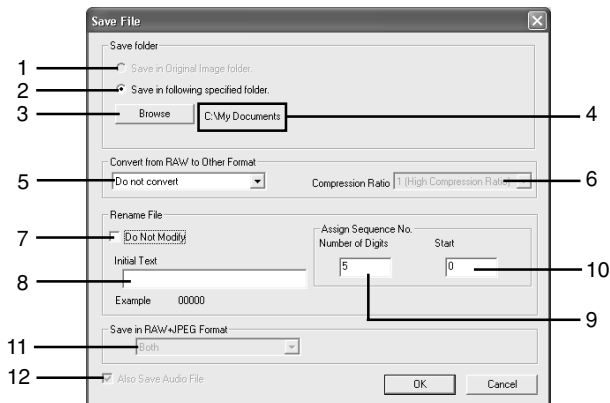
→ The [Save File] dialog box appears.



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

→ The images are saved in the selected folder.


#### Save File dialog box



- 1 The converted image is saved in the same folder as the displayed image. You cannot select this option for images that are saved on a CF card in the camera. This option is only available for images 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-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 (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 an EOS 10D do not support this function.
- 12 Images shot on an EOS 10D do not support this function.



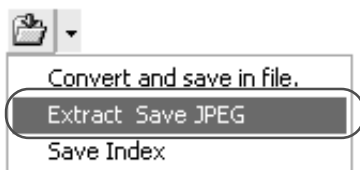
A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

# Extracting JPEG Images from RAW Images

When a RAW image is shot on the EOS 10D, a JPEG image is recorded at the same time. You can save the JPEG image included with an EOS 10D RAW image to your computer by extracting the JPEG image from the RAW image. See “Simultaneous Capture in RAW and JPEG Formats” in the EOS 10D Instructions for information the settings for JPEG images recorded simultaneously with RAW images.

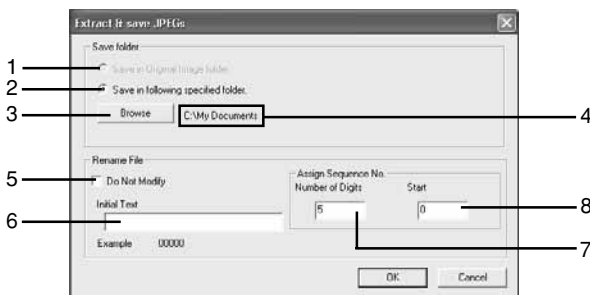
- 1 **Select the RAW image from which a JPEG image is to be extracted. (→W-19)**
- 2 **Click the [Save File] button and select [Extract Save JPEG] from the menu that appears.**

→ 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.

## Extract & save JPEGs dialog box



- 1 The converted image is saved in the same folder as the displayed image. You cannot select this option for images that are saved on a CF card in the camera. This option is only available for images 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-19)

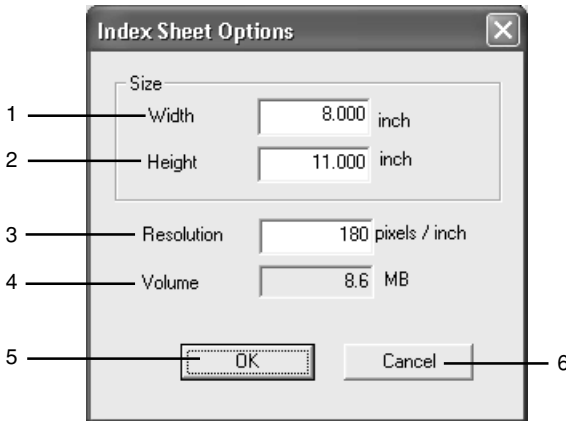
**2** Click the [Save File] button and select [Save Index] from the menu that appears.

→ The [Index Sheet Options] dialog box appears.



**3** Enter the settings and click the [OK] button.  
→ The [Save index file] dialog box appears.

## Index Sheet Options dialog box

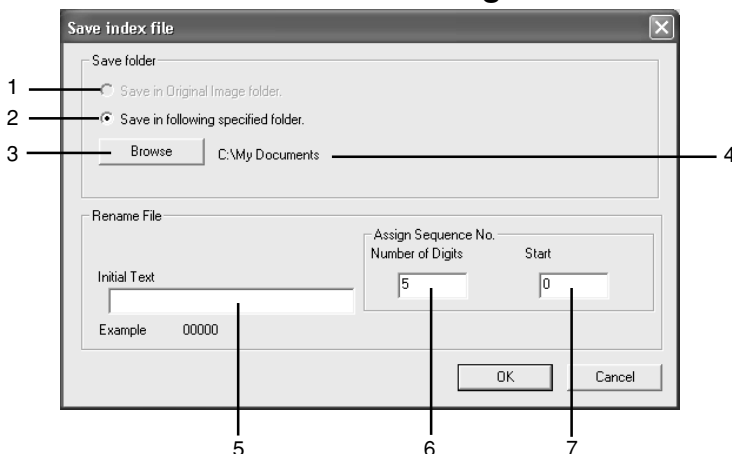


- 1 Enter the width of the index sheet to be created.
- 2 Enter the height of the index sheet to be created.
- 3 Enter the resolution of the index images.
- 4 Indicates the projected image file size based on the specified width, height and resolution.
- 5 The settings are applied and the [Index Sheet 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.

### Save index file dialog box



- 1 The converted image is saved in the same folder as the displayed image. You cannot select this option for images that are saved on a CF card in the camera. This option is only available for images 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.

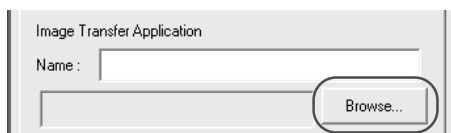
## Specifying the Image Transfer Settings

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-42)**

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

→ The dialog box for selecting the retouching software appears.

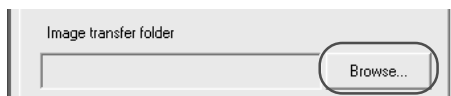


**3 Select [PhotoshopElements.exe] and then click the [Open] button.**

→ 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 appears.



**5 Select the folder 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

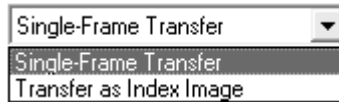
This section describes how to transfer the images displayed in File Viewer Utility to the retouching software. Although the descriptions given here show how to transfer images to Photoshop Elements 2.0, as an example, you can also transfer images by following the same procedure even if you specify any other retouching software in “Specifying the Image Transfer Settings” (→W-40).

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## 1 Select images to be transferred. (→W-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.



## 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-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.



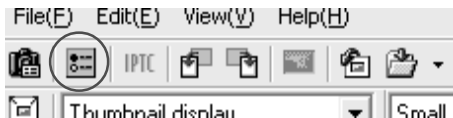
A range of operations is also available by selecting the image, pressing the right mouse button and selecting an option from the menu that appears.

# Specifying the Preferences

You can use the procedure below to specify the general settings for File Viewer Utility and the processing method for RAW images.

## 1 Click the [Preferences] button.

→ The [Preferences] dialog box appears.



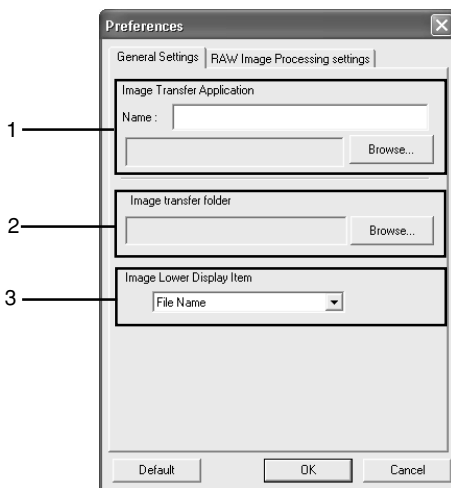
## 2 Select the [General Settings] tab or the [RAW Image Processing settings] tab.

→ 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.

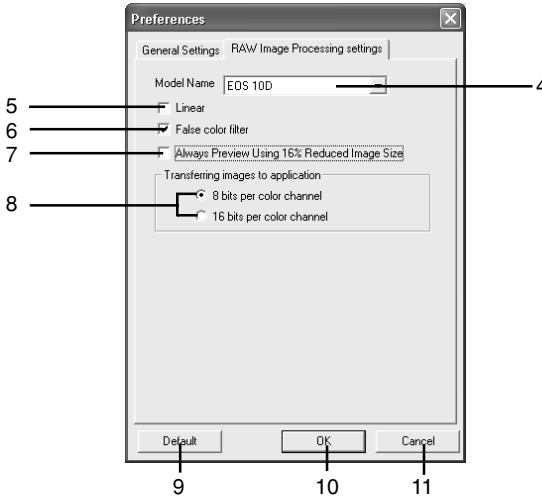
### General Settings tab sheet



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

- 1 When you click the [Transfer Images] button (→W-41), the retouching software to which the image will be transferred is specified. (→W-40)
- 2 Specify the folder for saving the image to be transferred to the retouching software. (→W-40)
- 3 Specify the information to be displayed below images. Select [File Name] or [Shooting Date/Time] in the list box.

## RAW Image Processing settings tab sheet



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3

Working with Images in File Viewer Utility

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

The settings described here are those shown when [EOS 10D] is selected in the [Model Name] list box.

- 4 Select [EOS 10D].
  - \* 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.
- 5 You should select this option when you want to perform linear processing on an image. Because linear processing is performed on the tone curve adjustments automatically made by the camera, the image degradation that normally accompanies tone curve adjustment is minimized. Select this option when you want to use your own retouching software to make fine adjustments to the saturation.
- 6 Clicking this checkbox neutralizes false colors.
- 7 When you click this checkbox, a 16% reduced image is shown in the Preview mode.
- 8 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.**

- 9 Restores the default settings for all the parameters in the currently displayed tab sheet.
- 10 Applies the specified parameters, closes the [Preferences] dialog box and ends the procedure.
- 11 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.

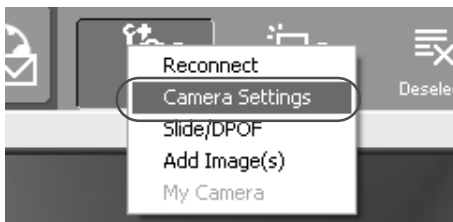
- To display this dialog box from File Viewer Utility, click the [Camera Settings] button in the main window.



- 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.



## Camera Settings dialog box




This box shows the Camera's model name, Body ID 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 battery 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

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### 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-10)

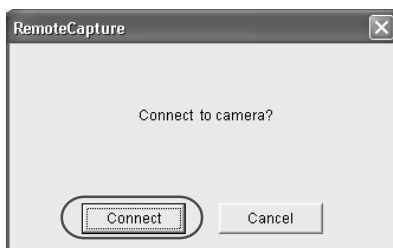
- An event dialog box appears.
- Click the [Cancel] button to close the dialog box.
- In Windows Me, the [Scanners and Cameras Wizard] dialog box appears.
- Click the [Cancel] button to exit the [Scanners and Cameras Wizard].

## 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 [RemoteCapture] dialog box appears.

## 3 Click the [Connect] button.

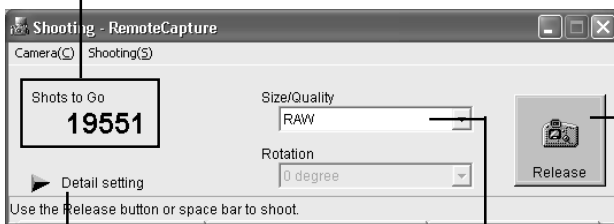
- The Shooting window and Save window appear.



## 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.



### Release button

Takes a shot with the camera. 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 recorded quality of images.

### 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

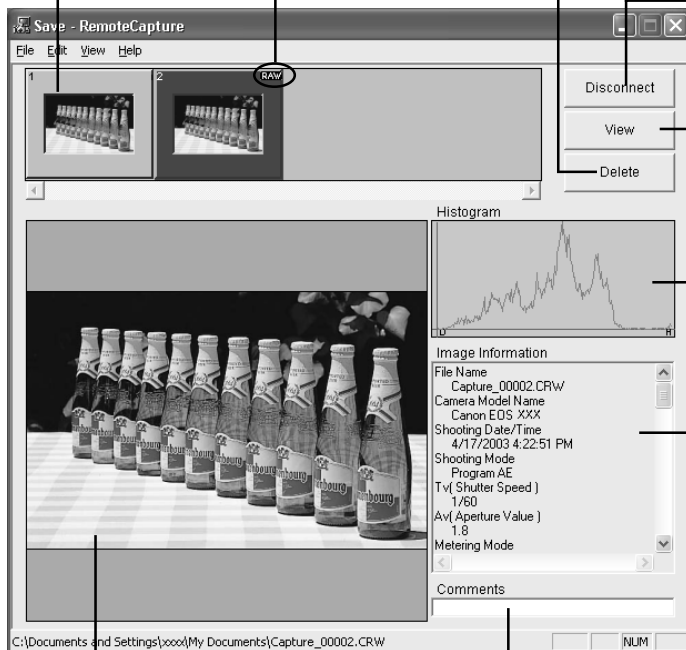
Displays the image selected in thumbnail view enlarged in a separate window.

### 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.

### 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 image-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

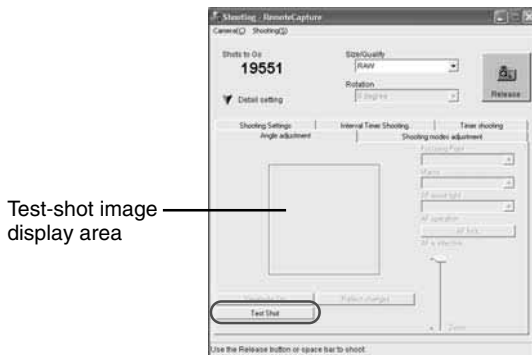
### 1 Set the camera up ready to shoot.

### 2 Make various settings.

- For information on how to set the size and image quality, refer to “Shooting window” (→W-48).
- See “Default Settings” (→W-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 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.



- 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 WIA Driver Windows Explorer to display images on the camera, RemoteCapture may not operate correctly.
- When you are using mirror lockup to take shots, there is a delay of approximately 2 seconds after you click the RemoteCapture [Release] button before the shot is actually taken.



- 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.
- By selecting [Camera Settings] from the [Camera] menu in the Shooting window, you can specify the camera settings. See “Specifying the Camera Settings” (→W-44) for information on how to specify the camera settings.

## Interval Timer Shooting

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4

Operating the Camera from Your Computer

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-48)

## Timer Shooting

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

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- 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.

## Checking Shooting Settings

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

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- 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.

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- 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

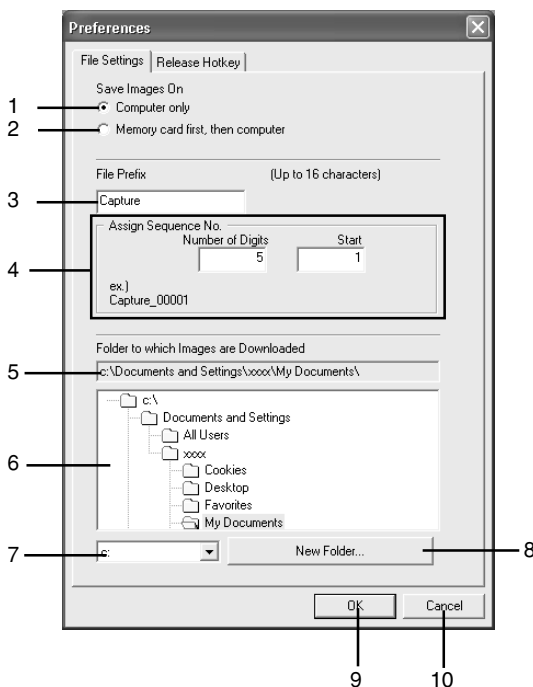
This section describes how to make various settings for using RemoteCapture. In the settings, you can specify Default Settings to save images on your computer, and you can also specify Detailed Settings to make shooting settings from your computer remotely.

## 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.

### Preferences dialog box



- 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 used to save files in Explorer.
- 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.

W

### 1 Display the Detailed Settings window.

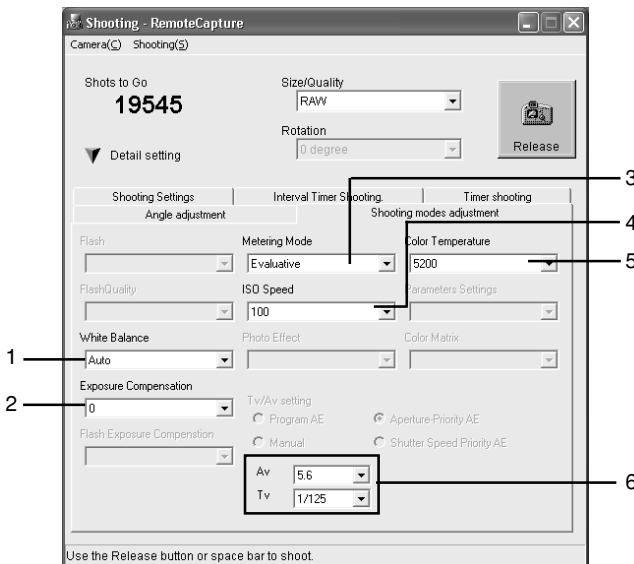
- Click [ ] (the Detail setting button) in the Shooting window.

### 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.

4

Operating the Camera from Your Computer

- 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 Metering Mode.
- 4 Allows you to specify ISO Speed.
- 5 Allows you to specify Color Temperature.
- 6 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 Images with the WIA Driver/TWAIN Driver

The WIA Driver is the driver software for Windows XP and Windows Me. The TWAIN Driver is the driver software for Windows 2000 and Windows 98 SE.

This chapter explains how to use the WIA Driver/TWAIN Driver.

- 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 10D 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 10D 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 only download JPEG images using the wizard, Microsoft Explorer or the WIA TWAIN driver. To download and process RAW images, use the File Viewer Utility described in Chapter 3.

## Downloading with the Scanner and Camera Wizard

Follow the Wizard's on-screen messages to download JPEG images to the computer.

### 1 Connect the camera to your computer. (→W-10)

- ➔ If you are using Windows XP, the [EOS 10D] dialog box 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 window for selecting the image to be copied 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 window for entering the image name and specifying the destination folder 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 windows appear 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 folder, the images will be saved in the [Picture] folder in the [My Pictures] folder inside [My Documents].

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

- ➔ The Scanners and Cameras completion 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

W

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-10)

- ➔ If you are using Windows XP, the [EOS 10D] dialog box appears.
- ➔ If you are using Windows Me, the [Scanner and Camera Wizard] dialog box appears.

### 2 Click the [Cancel] button.

### 3 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 XXX] in the Explorer view and click the [xxxCANON] folder, or click the [+] on the left and then click the [xxxCANON] folder.
- Windows Me users should double-click [EOS XXX] in the Explorer view and then double-click the [xxxCANON] folder icon that appears.
- “10D” (the camera model) is displayed in place of the “XXX” in [EOS XXX].
- A number between 100 and 999 is displayed in place of the “xxx” in [xxxCANON].
- ➔ The camera’s images will be displayed as thumbnails in the Explorer window.



### 4 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.
- Download by Dragging and Dropping  
Select an image in the Explorer window, drag it to the target folder and drop it.

5

Downloading Images with the WIA Driver/TWAIN Driver



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 start 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-10)**
    - ➔ If you are using Windows XP, the [EOS 10D] dialog box appears.
    - ➔ If you are using Windows Me, the [Scanner and Camera Wizard] dialog box appears.
  - 2 Click the [Cancel] button.**
  - 3 Start Photoshop Elements 2.0.**
    - Click the [Start] button and select [All Programs] ([Programs] on Windows Me) ► [Adobe Photoshop Elements 2.0].

**4** Select the [File] menu ► [Import] ► [WIA-EOS 10D].  
→ The [Get Pictures from] dialog box appears.

**5** Double-click the [xxxCANON] folder.  
● A number between 100 and 999 is displayed in xxx.

**6** 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 methods for starting the application and displaying the dialog box 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 illustrate 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 a 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-10)

- ➔ An event dialog box appears.
- Click the [Cancel] button to close the dialog box.

## 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 10D 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.



# 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-8) for details.

# Starting ZoomBrowser EX

ZoomBrowser EX can be started from the dialog box 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 Dialog Box

When you connect the camera to your computer, start up ZoomBrowser EX from the event dialog box.

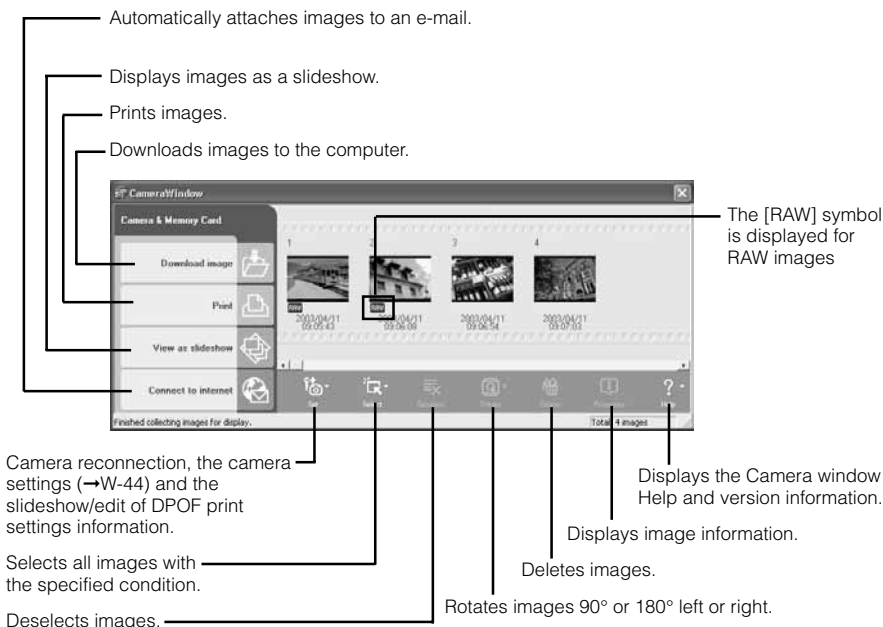
### 1 Connect the camera to your computer. (→W-10)

- The event dialog box appears.
- In Windows Me, the [Scanner and Camera Wizard] dialog box is displayed. Click the [Cancel] button to exit the Scanner and Camera Wizard and start ZoomBrowser EX (see “Starting ZoomBrowser EX Using the Icon” (→W-65).)

### 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



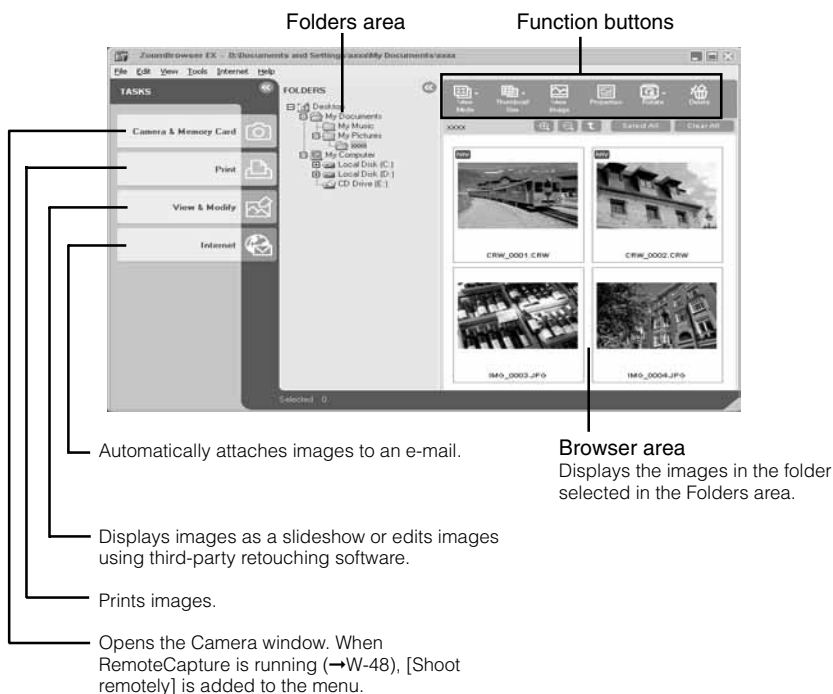
# Starting ZoomBrowser EX Using the Icon

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.

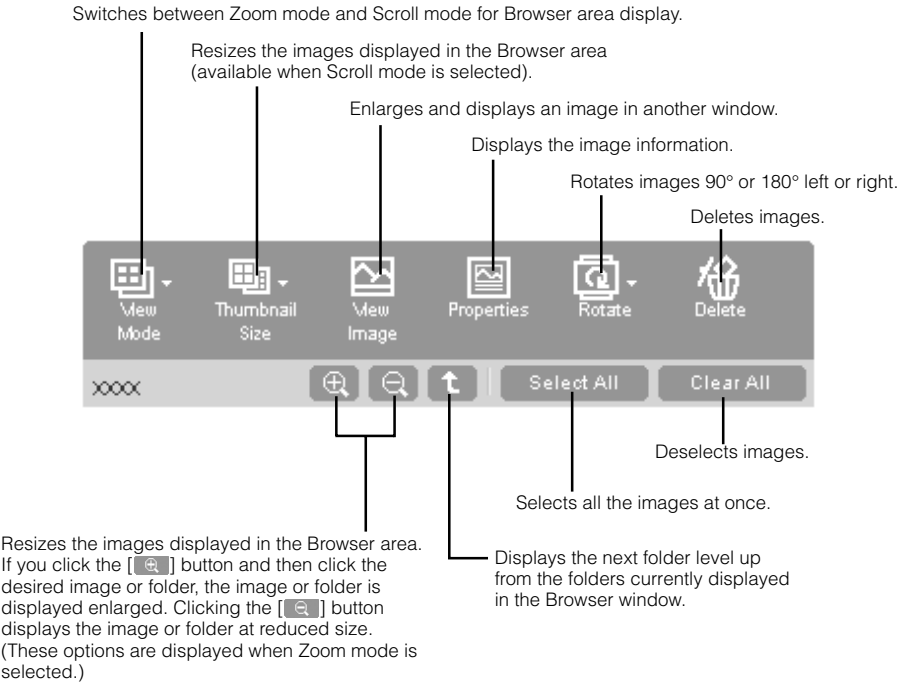
## 1 Double-click the [ZoomBrowser EX] icon on the desktop.

- 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 [Display/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.



W

6

Working with Images in ZoomBrowser EX

## 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.

Saves images in the selected folder.

Creates a new folder inside the selected folder and saves images to that folder.

Selects the folder in which images are saved. The selected folder appears in the [Save to folder] field.

Sets the folder name used when the [Create new folder] radio button is selected.

Sets the file name used when images are saved. Clicking the [Designate prefix of image to be saved] checkbox allows you to enter any file name in the [File prefix] field. Image files are named using the [Entered-file-name 0001.JPG] format. If you deselect the checkbox, the file name is [100-0001.jpg].

# Printing Images in PhotoRecord

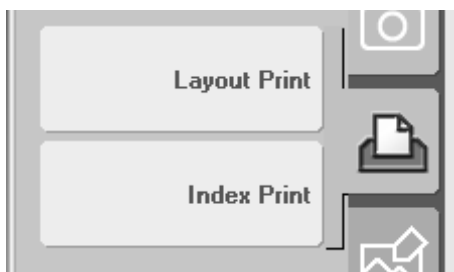
In ZoomBrowser EX, the PhotoRecord window is used to print images. In addition to the printing modes supported in Exif 2.2 (ExifPrint), PhotoRecord also supports layout printing and index printing.

## 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-68) 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.

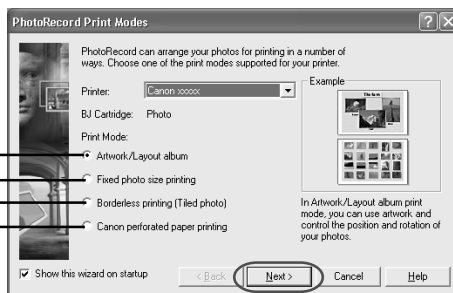
- This explanation describes the procedure when the [Artwork/Layout album] button is selected.

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.

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.

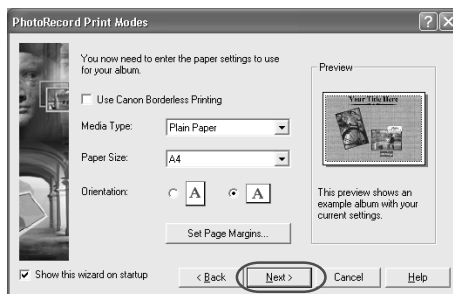


Selecting the [Artwork/Layout album] radio button allows you to set any position or size for your printed images. Other print modes allow you to print tiled images or print on Canon perforated paper.

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

→ The layout settings screen appears.

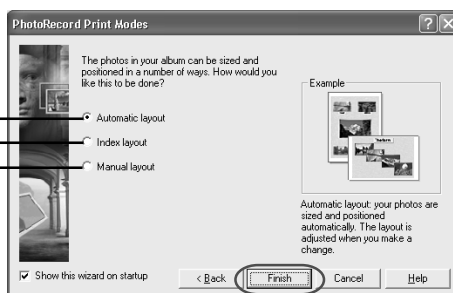
- Do not select [Custom] in the [Paper Size] list box. Depending on the printer you are using, this could prevent the image from being printed correctly.



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

→ The PhotoRecord window appears.

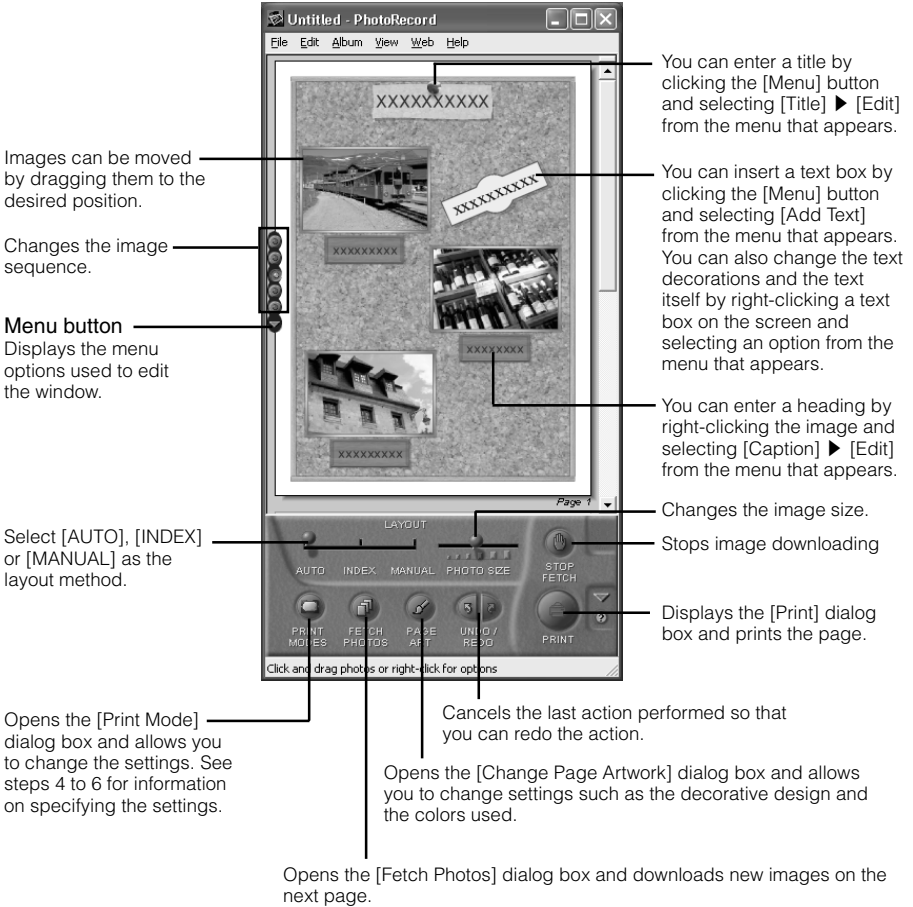
Automatically adjusts the image layout.  
Arranges the images as an index.  
Allows all the images to be arranged manually.



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

→ The [Print] dialog box appears.

## PhotoRecord Window



### ● 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**

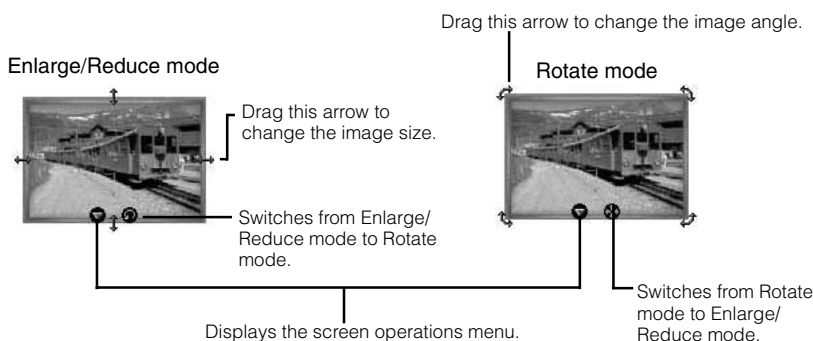
To select your preferred decorative design, open the [Change Page Artwork] dialog box by clicking the [Menu] button and selecting [Change Page Artwork] from the menu that appears.

- **Changing the image frames**

To select your preferred frame, open the [Change Photo Frames] dialog box by right-clicking the image and selecting [Change Photo Frames] 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 selected 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.

W

### 1 Open the PhotoRecord window. (→W-71)

### 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] dialog box opens.



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

- The selected image is corrected.



6

Working with Images in ZoomBrowser EX



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.

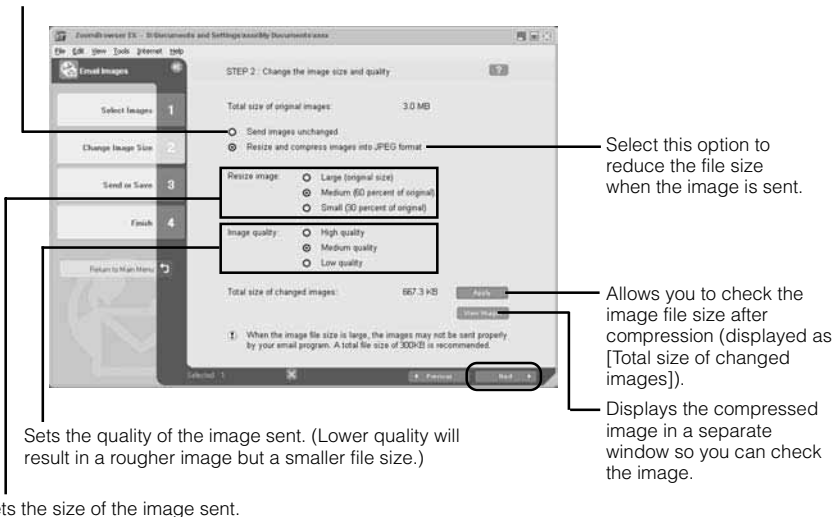
# Sending E-mail with Attached Images

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

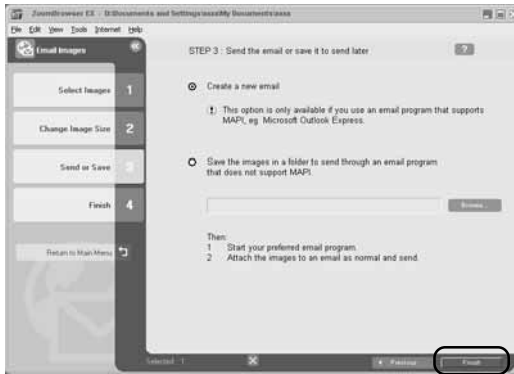
- ❶ To automatically start your e-mail software from ZoomBrowser EX and send images, your e-mail software must be set as a MAPI client. Refer to the user manuals for your e-mail software for information on MAPI settings.

- 1 Display an image in the ZoomBrowser EX main window. (→W-67)**
- 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.



## 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 does 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.

# Processing RAW Images and Merging Panorama Shots ■

## 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-67)
- 2** Select the RAW image to be processed in 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 appears 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 Panoramic Images with PhotoStitch

You can merge a series of overlapping images into a single, seamless panorama image.

- 1** Display images in the ZoomBrowser EX main window. (→W-67)
- 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 open 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

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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 10D is shown in the operation screens as “EOS XXX”.

## Driver installation failed.

- **Have you installed the EOS 10D WIA Driver or EOS 10D TWAIN Driver?**
  - You cannot install the driver correctly unless the EOS 10D WIA Driver or EOS 10D TWAIN Driver is already installed. Insert the SOLUTION DISK into the CD-ROM drive and install the EOS 10D WIA Driver or EOS 10D TWAIN Driver.
- **Is the cable firmly plugged into its socket?**
  - Ensure that the plug on the interface cable is securely plugged into the USB port on your computer. (→W-10)

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

- **Is the driver installed?**
  - The driver is required for the 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 operating system.
    - 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-9)
    - \* USB connections will not function correctly on computer systems other than those listed above.
- **Are the camera and computer connected correctly?**
  - Connect the camera to your computer correctly using the interface cable. (→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 EOS 10D Instructions.)
- **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 interface cables. Then reconnect just the interface cable that connects the camera to your computer.

# ● Is the driver operating normally?

Connect the camera to your computer with the interface cable and set the camera's main switch to <ON> (→W-10) and open the [Device Manager] (→W-80). Click the plus symbol [+] to the left of [Imaging devices] and check that [EOS 10D] is displayed.



→ If [EOS 10D] does not appear, the driver is not operating normally. Briefly disconnect and then reconnect the interface cable, ensuring that the connection is secure. If [EOS 10D] still does not appear, use the following procedure to re-install the driver.

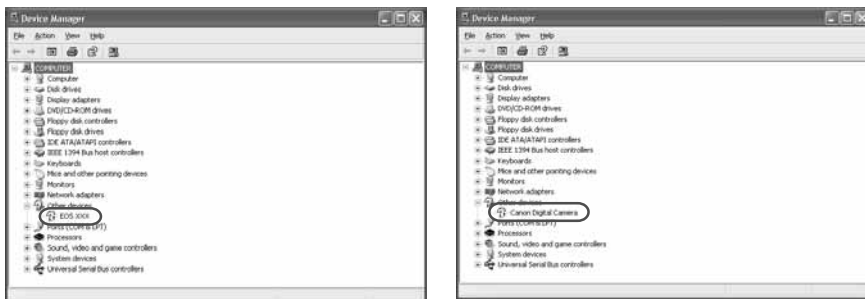
- 1 Disconnect the interface cable and uninstall the driver. (→W-82)
- 2 Re-install the driver. (→W-4)

→ When the [X], [!] or [?] symbol is displayed beside [EOS 10D], part of the driver is missing or corrupted. Use the following procedure to re-install the driver.

- 1 Delete [EOS 10D] displayed in [Imaging devices].
- 2 Disconnect the interface cable and uninstall the driver. (→W-82)
- 3 Re-install the driver. (→W-4)

## ● Is the driver installed correctly?

Connect the camera to your computer with the interface cable and set the camera's main switch to <ON> (→W-10) and open [Device Manager] (→below). Click the plus symbol [+] to the left of [Other devices] or [Unknown devices] and check whether [EOS 10D] or [Canon Digital Camera] is displayed.



→ If [EOS 10D] 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 10D] or [Canon Digital Camera] displayed in [Other devices] or [Unknown devices].
- 2 Disconnect the interface cable and uninstall the driver. (→W-82)
- 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.

# Uninstallation Procedure

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

## Uninstalling 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-82)
- 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.



When uninstallation ends, restart your computer.

## Uninstalling the Driver

To uninstall the driver, you must first uninstall the WIA Driver or TWAIN Driver, then remove [EOS 10D] 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 10D is shown in the operation screens as “EOS XXX”.

### 1 Uninstall [EOS 10D WIA Driver] or [EOS 10D 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 10D 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 10D 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 an event dialog box or the [Scanner and Camera Wizard] dialog box appears, click the [Cancel] button to close the dialog box.

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

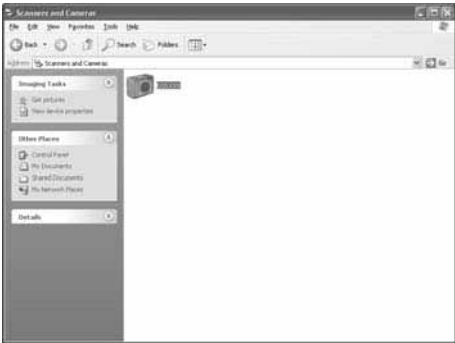
- In other versions of Windows, click the [Start] button and then select [Settings] ► [Control Panel].

### 5 Click [Scanners and Cameras].

- In other versions of Windows, double-click the [Scanners and Cameras] icon.
- ➔ If you are using Windows XP or Windows Me, the [Scanners and Cameras] dialog box appears. If you are using Windows 2000 or Windows 98 SE, the [Scanners and Cameras Properties] dialog box appears.

# 6 Delete [EOS 10D].

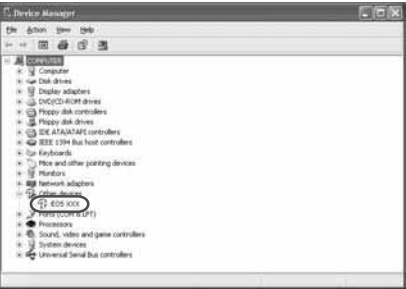
- If you are using Windows XP or Windows Me, select and right-click [EOS 10D] and then select [Delete] from the menu that appears. When the confirmation message appears, click the [Yes] button.
- If you are using Windows 2000 or Windows 98 SE, select [EOS 10D] and click the [Remove] button.
- Once [EOS 10D] 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.



# 7 Display [Device Manager]. (→W-80)

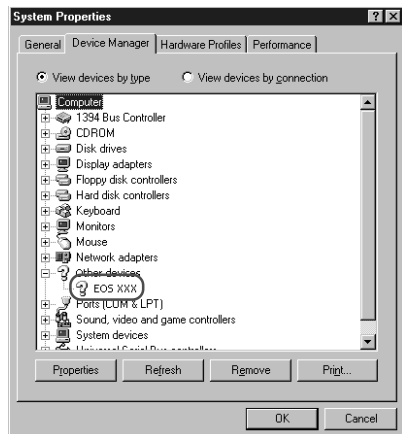
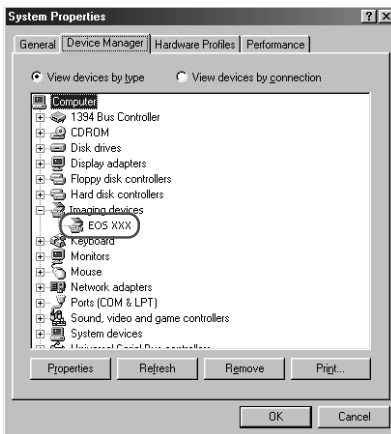
# 8 Delete [EOS 10D].

For Windows XP and Windows 2000 users:



- If [EOS 10D] is displayed when you click the plus symbol [+] to the left of [Imaging devices] or [Other devices], select and right-click [EOS 10D] 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 10D] is displayed in both [Imaging devices] and [Other devices], or is displayed more than once in [Other devices], delete all the occurrences.
- When [EOS 10D] 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 10D] is displayed when you click the plus symbol [+] to the left of [Imaging devices] or [Other devices], select [EOS 10D] 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 10D] is displayed in both [Imaging devices] and [Other devices], or is displayed more than once in [Other devices], delete all the occurrences.
- When [EOS 10D] 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 software. Refer to the information on the following pages to delete the settings files.
  - Windows XP (→W-85)
  - Windows 2000 (→W-86)
  - Windows Me, Windows 98 SE (→W-88)

## 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] ► the [Folder Options] icon.

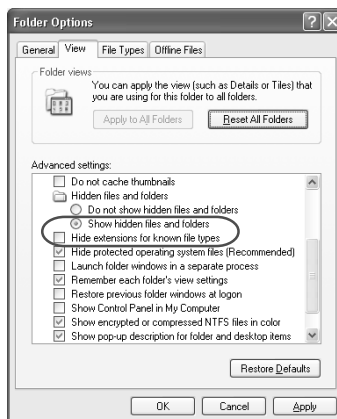
→ The [Folder Options] dialog box appears.

### 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 0 or 1 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. Oem0.inf and Oem0.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:

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

## 2 Double-click the [Folder Options] icon.

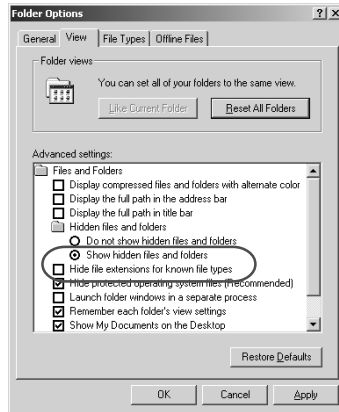
➔ The [Folder Options] dialog box appears.

## 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 0 or 1 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. Oem0.inf and Oem0.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.

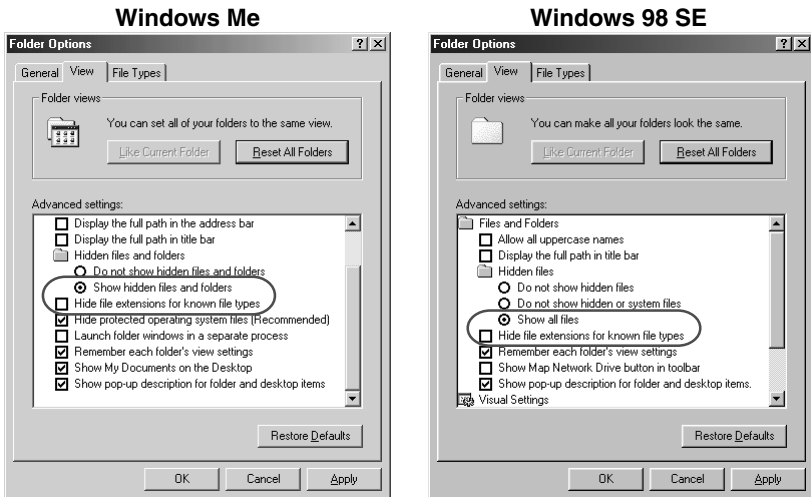
## 9 Delete the [Oem\*.inf] and [Oem\*.pnf] files you identified.



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.



- 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) to open.**

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



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

W

## 8 Delete the [Canon.IncCAP\_10D.inf] file if it exists.



- The [Canon.IncCAP\_10D.inf] file may not exist depending on your computer system.
- "10D" is displayed in place of the "XXX".

7

Troubleshooting and Uninstallation



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 interface 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 other versions of Windows, click the [Start] button and then click [Settings] ► [Control Panel]. Then double-click the [Add or 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 [Change or remove program] 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.

# Adobe Customer Support

Adobe Systems Inc. technical support information is available in the PDF file format on the supplied CD-ROM.

## PDF File Location and Opening Instructions

Place the Adobe Photoshop Elements 2.0 CD-ROM in the drive and double-click [My Computer] on the desktop, followed by the [Photosle] CD-ROM icon. The window will show folders with language names. Double-click the appropriate language folder and the [Support.pdf] file within it.

- To read PDF files, Adobe Acrobat Reader must already be installed on your computer. An installer for this program is on the Adobe Photoshop Elements 2.0 CD-ROM within each language folder in a folder labeled [Acroread].

W

7

Troubleshooting and Uninstallation

# Index

## A

- Adjusting the Color
  - Color Saturation ..... W-32
  - Color Tone ..... W-32
  - Contrast ..... W-32
- Adjusting the Image Quality and Printing (Exif Print) ..... W-73
- Adjusting the White Balance ..... W-29

## C

- Click White Balance Function ..... W-31
- Color Temperature ..... W-30
- Connecting the Camera to Your Computer ..... W-10
- Copying the Processing Parameters .... W-33

## D

- Digital Exposure Compensation ..... W-28
- Display Mode
  - JPEG Preview ..... W-21
  - Preview ..... W-21
  - Thumbnail Display ..... W-21
- Displaying Images ..... W-18
- Downloading and Saving Images ..... W-67
- Downloading Images with the Retouching Software ..... W-60, W-62

## E

- Erasing Images ..... W-25

## I

- Installing
  - Photoshop Elements 2.0 ..... W-8
  - Software ..... W-4
- Interval Timer Shooting ..... W-51

## M

- Main Functions of the Software
  - File Viewer Utility ..... A-6
  - Photoshop Elements 2.0 ..... A-8
  - PhotoStitch ..... A-7
  - RemoteCapture ..... A-6
  - TWAIN Driver ..... A-7
  - WIA Driver ..... A-7
  - ZoomBrowser EX/PhotoRecord ..... A-7
- Merging Panoramic Images ..... W-76
- Model-Specific Processing Mode ..... W-20

## O

- Operation Flow ..... A-4

## P

- Printing Images ..... W-26, W-52, W-69
- Processing RAW Images
  - ..... W-27, W-60, W-76
- Protecting Images ..... W-24

## R

- Remote Shooting ..... W-50

## S

- Saving Images
  - Convert and Save in File ..... W-34
  - Extract Save JPEG ..... W-36
  - Save Index ..... W-38
- Selecting Images ..... W-19
- Sending E-mail with Attached Images .. W-74
- Setting the Owner's Name, Date and Time ..... W-46
- Settings Dialog Box
  - Camera Settings ..... W-44
  - Default Settings ..... W-53
  - Detailed Settings ..... W-55
  - Preferences ..... W-42
- Sharpness ..... W-33
- Software Window
  - File Viewer Utility Main Window ..... W-15
  - RemoteCapture
    - Save Window ..... W-49
    - Shooting Window ..... W-48

|                                    |      |
|------------------------------------|------|
| TWAIN Driver Main Window .....     | W-62 |
| ZoomBrowser EX                     |      |
| Camera Window .....                | W-64 |
| ZoomBrowser EX Main Window ..      | W-65 |
| Specifying the Color Space .....   | W-33 |
| Starting the Software              |      |
| Starting File Viewer Utility ..... | W-14 |
| Starting RemoteCapture .....       | W-48 |
| Starting ZoomBrowser EX .....      | W-64 |
| System Requirements .....          | A-9  |

## T

|  |      |
|--|------|
| Timer Shooting .....   | W-52 |
| Transferring Images to Retouching<br>Software .....                  | W-40 |
| Transferring Images to the TWAIN<br>Driver-compatible Software ..... | W-62 |

## U

|                               |      |
|-------------------------------|------|
| Uninstalling                  |      |
| Photoshop Elements 2.0 .....  | W-90 |
| Software .....                | W-81 |
| WIA Driver/TWAIN Driver ..... | W-82 |

MEMO

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# Macintosh



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

## **1 Installing the Software on Your Computer ..... M-3**

|   |            |
|---|------------|
| <b>Installing the Software .....</b>    | <b>M-4</b> |
| Installing the Software from the EOS    |            |
| DIGITAL SOLUTION DISK .....             | M-4        |
| Installing Photoshop Elements 2.0 ..... | M-6        |
| Please Register Your Camera! .....      | M-6        |

## **2 Getting Ready to Work with Images ..... M-7**

|  |             |
|--|-------------|
| <b>Connecting the Camera to Your Computer .....</b>    | <b>M-8</b>  |
| About Backing up (Copying) Images ....                 | M-9         |
| <b>Inserting a CF Card into Your Card Reader .....</b> | <b>M-10</b> |
| CF Card Folder Structure and File Names .....          | M-10        |

## **3 Working with Images in File Viewer Utility ..... M-11**

|   |             |
|---|-------------|
| <b>Starting File Viewer Utility .....</b>                 | <b>M-12</b> |
| <b>Displaying Images .....</b>                            | <b>M-16</b> |
| <b>Selecting Images .....</b>                             | <b>M-17</b> |
| Selecting Images with the Mouse .....                     | M-17        |
| Selecting Images from the Control Panel .....             | M-17        |
| <b>Selecting the Model-Specific Processing Mode .....</b> | <b>M-18</b> |

## **Selecting the Image Display Mode .... M-19**

|   |      |
|---|------|
| Selecting the Display Mode .....          | M-19 |
| Selecting the Display Size .....          | M-20 |
| Checking the AF Point .....               | M-20 |
| Showing/Hiding the Information Display    |      |
| Frame of Thumbnail Images .....           | M-21 |
| Updating Information on Main Window ..... | M-21 |
| Showing/Hiding Image Information .....    | M-21 |

## **Working with Selected Images ..... M-22**

|                                     |      |
|-------------------------------------|------|
| Protecting Images .....             | M-22 |
| Selecting Images by Condition ..... | M-22 |
| Rotating Images .....               | M-23 |
| Erasing Images .....                | M-23 |
| Checking the Image Information and  |      |
| Entering Comments .....             | M-24 |
| Printing Images .....               | M-24 |

## **Processing RAW Images ..... M-25**

|                                       |      |
|---------------------------------------|------|
| Correcting the Brightness             |      |
| (Digital Exposure Compensation) ..... | M-26 |
| Adjusting the White Balance .....     | M-27 |
| Adjusting the Color in Images .....   | M-30 |
| Adjusting the Sharpness .....         | M-31 |
| Specifying the Color Space .....      | M-31 |
| Copying the Processing Parameters     |      |
| for RAW Images .....                  | M-31 |

## **Saving Images ..... M-32**

|  |      |
|--|------|
| Saving Images from the Camera to Your Computer ..... | M-32 |
| Extracting JPEG Images from RAW Images .....         | M-34 |

|   |             |
|---|-------------|
| Saving Images as an Index File .....                    | M-36        |
| <b>Transferring Images to Retouching Software .....</b> | <b>M-38</b> |
| Specifying the Image Transfer Settings .....            | M-38        |
| Transferring Images .....                               | M-39        |
| <b>Specifying the Preferences .....</b>                 | <b>M-40</b> |
| <b>Specifying the Camera Settings .....</b>             | <b>M-42</b> |

## **4 Operating the Camera from Your Computer ..... M-45**

|                                       |             |
|---------------------------------------|-------------|
| <b>Starting RemoteCapture .....</b>   | <b>M-46</b> |
| <b>Using RemoteCapture .....</b>      | <b>M-48</b> |
| Taking Shots from Your Computer ..... | M-48        |
| Interval Timer Shooting .....         | M-49        |
| Timer Shooting .....                  | M-50        |
| Checking Shooting Settings .....      | M-50        |
| Printing Images .....                 | M-50        |
| <b>Setting RemoteCapture .....</b>    | <b>M-51</b> |
| Default Settings .....                | M-51        |
| Detailed Settings .....               | M-53        |

## **5 Working with Images in ImageBrowser ..... M-55**

|  |             |
|--|-------------|
| <b>Starting ImageBrowser .....</b>   | <b>M-56</b> |
| Starting ImageBrowser from the [ImageBrowser Automation wizard] Dialog Box ..... | M-56        |
| Starting ImageBrowser Using the Icon .....                                       | M-58        |
| <b>Downloading and Saving Images .....</b>                                       | <b>M-61</b> |
| <b>Printing Images .....</b>   | <b>M-63</b> |
| Adjusting the Image Quality and Printing (Exif 2.2 compatible) .....             | M-67        |
| <b>Processing RAW Images and Merging Panorama Shots .....</b>                    | <b>M-68</b> |
| Processing RAW Images with ImageBrowser .....                                    | M-68        |
| Merging Panoramic Images with PhotoStitch .....                                  | M-68        |

## **6 Troubleshooting and Uninstallation ..... M-69**

|   |             |
|---|-------------|
| <b>Troubleshooting .....</b>              | <b>M-70</b> |
| <b>Uninstallation Procedure .....</b>     | <b>M-72</b> |
| Uninstalling the Software .....           | M-72        |
| Uninstalling Photoshop Elements 2.0 ..... | M-72        |
| <b>Adobe Customer Support .....</b>       | <b>M-73</b> |
| <b>Index .....</b>                        | <b>M-74</b> |

# 1

## Installing the Software on Your Computer

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This chapter describes how to install the bundled software.

# Installing the Software

## Installing the Software from the EOS DIGITAL SOLUTION DISK

- ❗ Do not connect the camera to your computer before you have installed the software as this will prevent successful software installation.
- 

### 1 Start up your computer.

- Close any programs that are running before you begin installing the software.

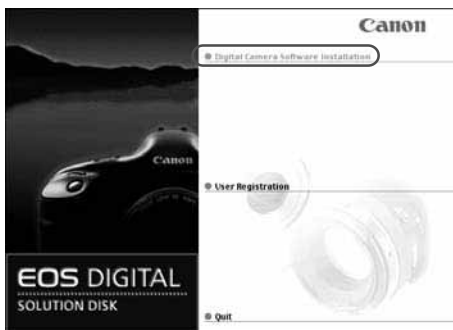
### 2 Load the SOLUTION DISK into the CD-ROM drive.

- ➔ The SOLUTION DISK icon appears on the desktop.

### 3 Start the installer.

- If you are using OS 9, double-click the SOLUTION DISK icon ► the [Mac OS 9] folder ► the [Canon EOS Digital Installer] icon to start.
  - If you are using OS X, double-click the SOLUTION DISK icon ► the [Mac OS X] folder ► the [Canon EOS Digital Installer] icon to start.
- ➔ The installer panel appears.

### 4 Click [Digital Camera Software Installation].



## 5 Select the software to be installed.

- Click the checkboxes for the software to be installed and then click the [Install] button.



## 6 Read all of the Software User License Agreement carefully. If you agree to the terms of the license, click the [Agree] button.

## 7 Select the folder in which the software will be installed and then click the [Choose] button.

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

- ➔ When installation ends, the installation completion dialog box appears.
- ➔ If you are using OS 9, clicking the [OK] button displays the restart dialog box.
- ➔ If you are using OS X, clicking the [OK] button displays the installer panel again.

## 9 Complete the installation.

- If you are using OS 9, click the [Yes] button to restart your computer.
- If you are using OS X, click [Quit].

## Installing Photoshop Elements 2.0

- You are required to enter the serial number during Photoshop Elements 2.0 installation. The serial number is shown on the CD-ROM's label.
- To ensure that you do not lose the serial number, carefully copy the serial number 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.

### 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 [About the installation] 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.



# Getting Ready to Work with Images

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

# Connecting the Camera to Your Computer

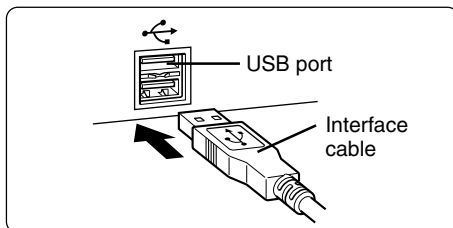
Connect the camera to your computer with the interface cable so that they can communicate. You can connect the camera while your computer is running.

- 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 main switch to <OFF>.
  - Open the CF card slot cover.
  - Disconnect the interface cable or remove the battery.
  - Disconnect the DC coupler (optional) or unplug the power cord or AC adapter.

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

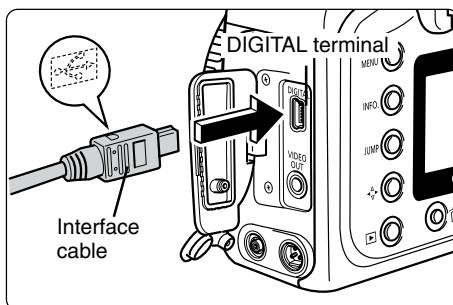
## 1 Plug the interface cable into the computer.

- 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 interface cable into your camera.

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



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

- ➔ The camera is now ready to communicate with your computer.
- ➔ In OS 9, ImageBrowser starts up and the [Auto Run] dialog box appears.
- 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-60)



- Use only the dedicated interface 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 interface 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 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 interface 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. (If you are using a household power source, no message is displayed and the connection is not terminated.) To re-establish the communication, press the shutter button down halfway or set the camera's main 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 interface 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 interface 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 you connect your camera to a computer, you should use the DC Coupler Kit (optional) so that you can continue to use your camera regardless of battery level. You should set the camera's Auto power off function to [Off].

## About Backing up (Copying) Images

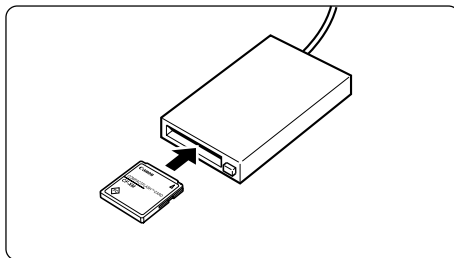
- You should back up (copy) the captured images on the hard disk of your computer, etc. before working with EOS DIGITAL SOLUTION DISK.

# Inserting a CF Card into Your Card Reader

To download images from a CF card directly onto your computer, remove the CF card from your camera and load it into a card reader (third-party product) connected to your computer.

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

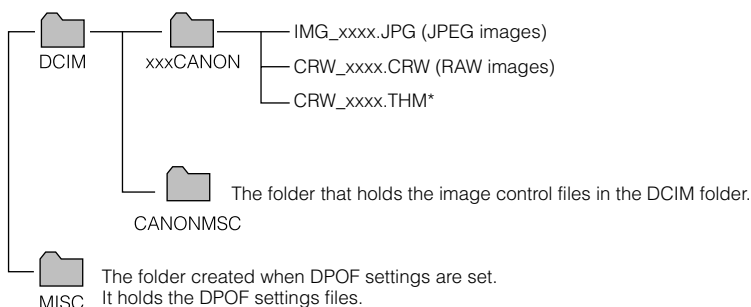
**2 Load the card into the card reader.**



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.
- All folders except the [xxxCANON] folders contain image control files. Do not open or delete them.

\* The thumbnail image files for the camera's index replay mode.



## 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

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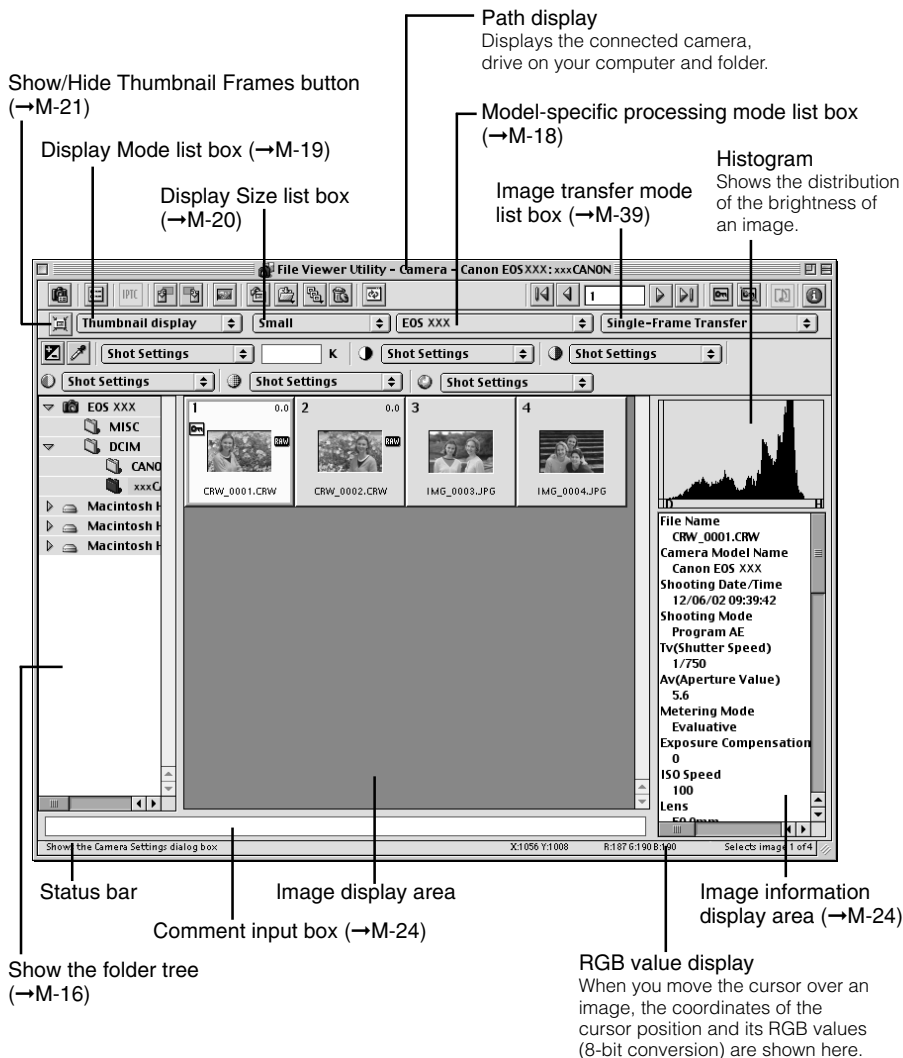
## 1 **Connect the camera to your computer. (→M-8)**

- In OS 9, ImageBrowser starts up and the [Auto Run] 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.**

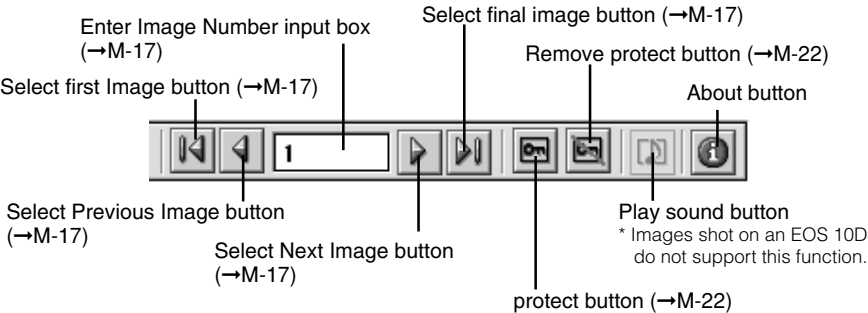
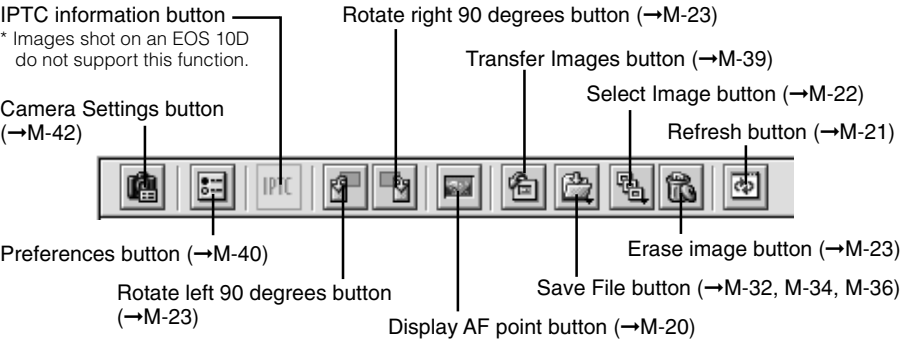
- You can also start File Viewer Utility by double-clicking the [Canon Utilities] folder ► the [File Viewer Utility] folder ► the [File Viewer Utility] icon.  
➔ The File Viewer Utility main window appears.

## File Viewer Utility main window



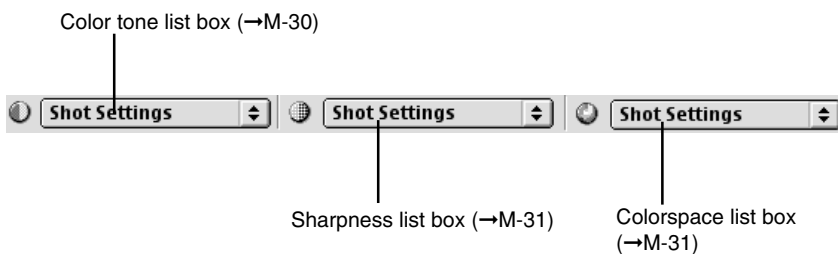
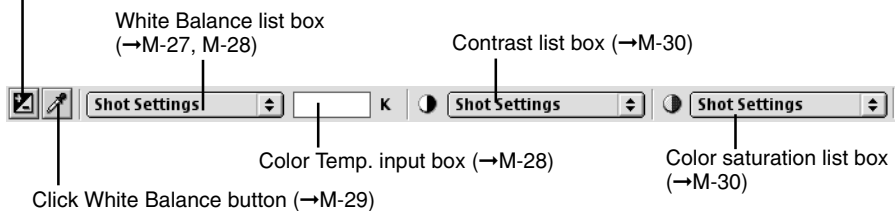
\* The above window shows all the information at once. In actual use, only the information needed is displayed.

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



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

Digital Exposure Compensation button (→M-26)



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

# Displaying Images

This section describes how to display images stored on a CF card in a camera or your computer.

You can display images stored on a CF card via the interface 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 XXX] icon ▶ [▶] to the left of the [DCIM] folder ▶ the [xxxCANON] folder in [Show the folder tree].
  - “10D” (the camera model) is displayed in place of the “XXX” in [EOS XXX].
  - A number between 100 and 999 is displayed in place of the “xxx” in [xxxCANON].
- ➔ The images saved in the selected folder are 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.



- The following images can be displayed in File Viewer Utility.
  - JPEG images
  - RAW images shot on a Canon digital camera
  - TIFF images saved in File Viewer Utility (→M-32)
- \* Images that cannot be displayed by File Viewer Utility appear as a question mark [?].
- For either displaying images stored on a CF card in a third-party card reader, or displaying images stored on your computer, follow the same procedure of clicking the target folder to display them.
- If RAW images are included in images to be displayed, there may be a short delay before the images appear.
- You can copy the folder by dragging it and dropping it on another folder in [Show the folder tree]. On the menu that is displayed by clicking on the folder while pressing the <control> key, you can create and erase the folder, or change the folder name.
- Deleting a folder erases all the images in that folder. Erased images cannot be restored. Check carefully before erasing folder.

# Selecting Images

## Selecting Images with the Mouse

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

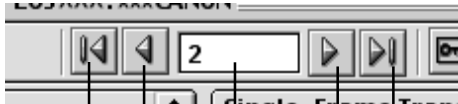
- To select multiple images at random, hold down the <shift> key and click the images.
- To select consecutive images, click the first image and then hold down the <option> + <shift> keys and click the last image.
- ➔ The frame around the selected image changes color.



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.

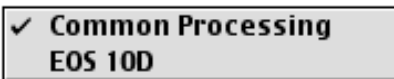
# Selecting the Model-Specific Processing Mode ■

You can display the RAW image process tool bar for processing RAW images.

By selecting the model of a camera on which images are shot (model-specific processing mode) from the [Model-specific processing mode] list box, you can process the RAW images shot on the selected camera.

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**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 10D]**

The RAW image process tool bar is displayed, and when you select the RAW images shot on the EOS 10D, you can process them. 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 the EOS 10D 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 “Processing RAW Images” (→M-25) for information on how to process RAW images.
- 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.

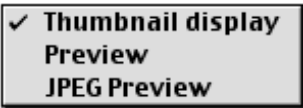
# Selecting the Image Display Mode

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

## Selecting the Display Mode

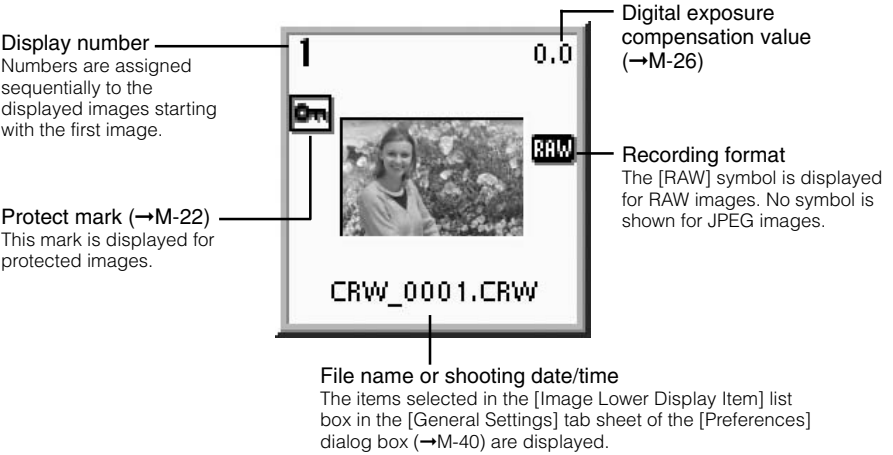
Click the [Display Mode] list box and select the mode.

- 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

The selected image is displayed as a single image.

### JPEG Preview

When you select a RAW image, simultaneously recorded JPEG image in the RAW image is displayed.

When you select a JPEG image, it is displayed as a single image just like the Preview mode.

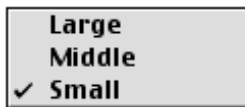


- When you start File Viewer Utility, images are always shown in the Thumbnail display mode.
- If you double-click on the thumbnail-displayed image, it is displayed in the Preview mode.
- See “Simultaneous Capture in RAW and JPEG Formats” in the EOS 10D Instructions for information about the settings for JPEG images recorded simultaneously with RAW images.

## 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-19)**

**2 Click the [Display AF point] button.**

- The AF point of the camera 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.
- For images shot with AI Servo AF, the selected AF point is displayed.

## Showing/Hiding the Information Display Frame of Thumbnail Images

You can hide the information displayed on the frame of the thumbnail images (→M-19) to display more images in the image display area.

**1** Select [Thumbnail display] from the [Display Mode] list box. (→M-19)

**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 take shots while the File Viewer Utility main window is displayed, the displayed image and information may not be up-to-date. In such a case, update the displayed image and information in the main window.

**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.

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Working with Images in File Viewer Utility

# 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.



|                               |    |
|-------------------------------|----|
| Select All                    | %A |
| Select all protected images   | %L |
| Select all unprotected images | %Y |
| Delete Selection              | %U |

## 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.
- 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-22) 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

Images shot in Adobe RGB color must be transferred to the retouching software (→M-38) so that settings such as the saturation can be adjusted. The Adobe RGB information is shown in the Image information display area.

## Printing Images

You can use File Viewer Utility to print images in index format. (This is similar to a “proof sheet” for 35 mm images.)

- 1 Select images to be printed in index format (→M-17).**
- 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 so that they are optimized for their intended use. As well as using the same white balance and sharpness settings as those set on the camera, File Viewer Utility allows you to specify additional processing parameters such as digital exposure compensation and white balance adjustment using the Click White Balance function.

This processing does not involve working with the original RAW images. It applies virtual parameters to RAW images temporarily downloaded to the computer. Accordingly, you can redo the processing repeatedly with different parameters.

You can also change the modified parameters back to the settings used when the shot was taken.

## 1 Process the RAW image.

- Select [EOS 10D] from the [Model-specific processing mode] list box. (→M-18)
- Select the RAW image to be processed. (→M-17)
- It is recommended that you use the Preview mode to check the processed image. (→M-19)

## 2 Change the parameter settings.

- Change parameter settings as desired. See the pages that follow for information on how to set the parameters.  
→ The image is reprocessed using the modified parameters and the result is shown.

## 3 Save or transfer the image in a commonly used format.

- You can save images as JPEG or TIFF files (→M-32) by clicking the [Save File] button and selecting [Convert and save in file] from the menu that appears. You can also extract and save the JPEG image contained in the RAW image by selecting [Extract & Save JPEG] (→M-34) and you can save multiple images as an index by selecting [Save Index] (→M-36).
- Clicking the [Transfer Images] button transfers the image to the retouching software that you have set. (→M-38) You can specify the color bit depth when the image is transferred in the [RAW Image Processing settings] tab sheet in the [Preferences] dialog box (→M-41).



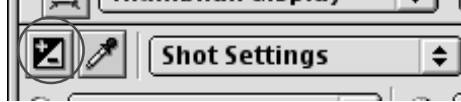
When multiple images are selected, the specified processing is applied to all the RAW images selected.

## Correcting the Brightness (Digital Exposure Compensation)

You can correct the brightness of an image in the range of  $\pm 2$  stops in 0.1-stop increments.

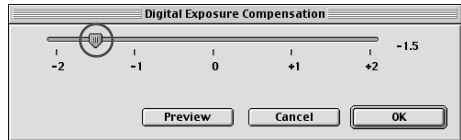
### 1 Click the [Digital Exposure Compensation] button.

- ➔ The [Digital Exposure Compensation] dialog box appears.



### 2 Compensate the image brightness.

- Drag the slider left or right with the mouse to adjust the image brightness.
- 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-28) | Approx. 2800 to 10000  |

## Setting the Color Temperature

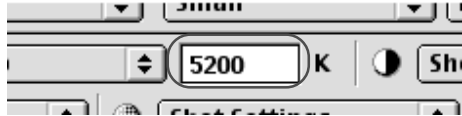
You can set the color temperature to a value between 2800K and 10000K (in 100K increments).

### 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

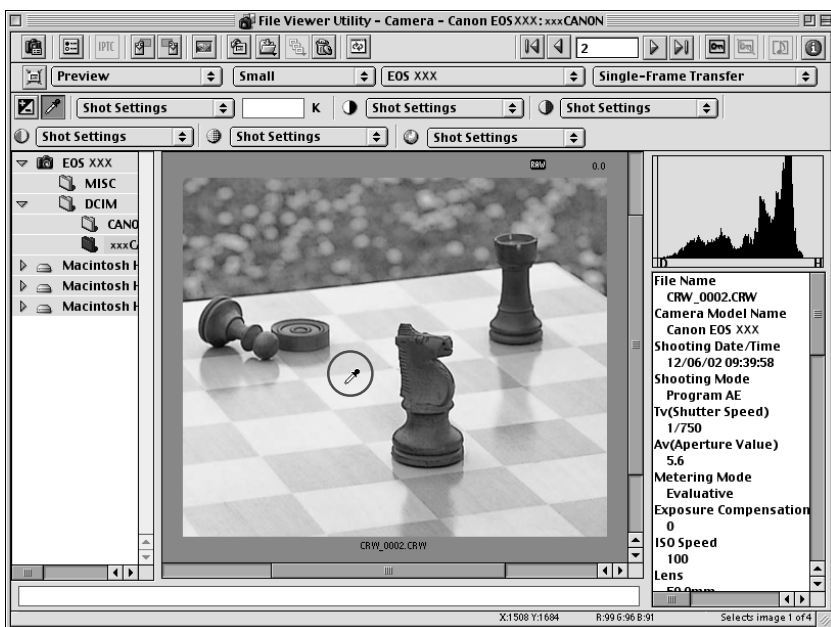
This function allows you to automatically adjust the white balance simply by clicking a point in a white part of the image.

### 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.**

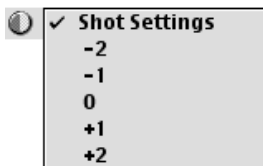
- ➔ The selected setting is applied to the image.



### 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.

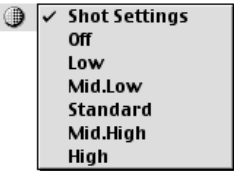


## Adjusting the Sharpness

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.



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## 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.



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## 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-17) right-clicking one of the selected images and then selecting [Paste Current Conditions] from the menu that appears.



You cannot save processing parameters. When you exit File Viewer Utility, the copied processing parameters are erased.

Working with Images in File Viewer Utility

# 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-17)

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

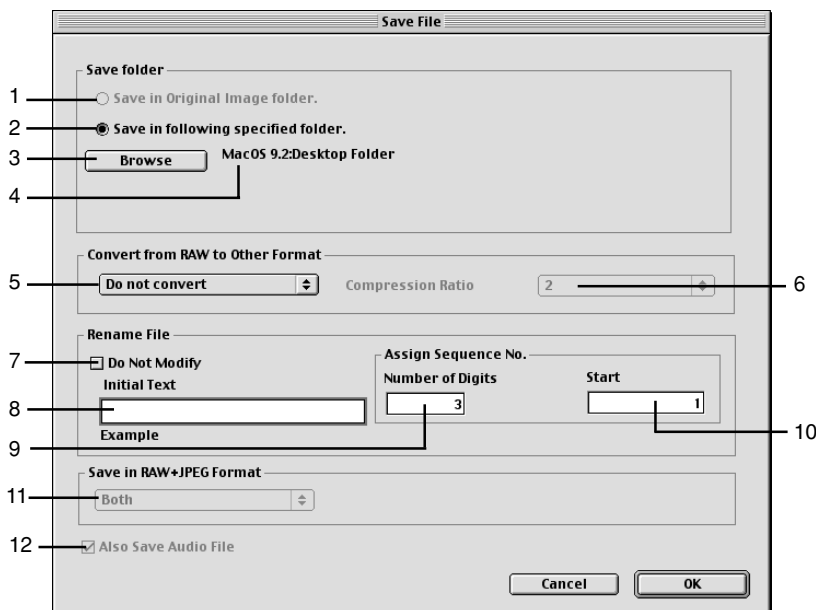
→ The [Save File] dialog box appears.



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


→ The images are saved in the selected folder.

### Save File dialog box



- 1 The converted image is saved in the same folder as the displayed image. You cannot select this option for images that are saved on a CF card in the camera. This option is only available for images 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-41) 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 an EOS 10D do not support this function.
- 12 Images shot on an EOS 10D 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 the EOS 10D, a JPEG image is recorded at the same time. You can save the JPEG image included with an EOS 10D RAW image to your computer by extracting the JPEG image from the RAW image. See “Simultaneous Capture in RAW and JPEG Formats” in the EOS 10D Instructions for information the settings for JPEG images recorded simultaneously with RAW images.

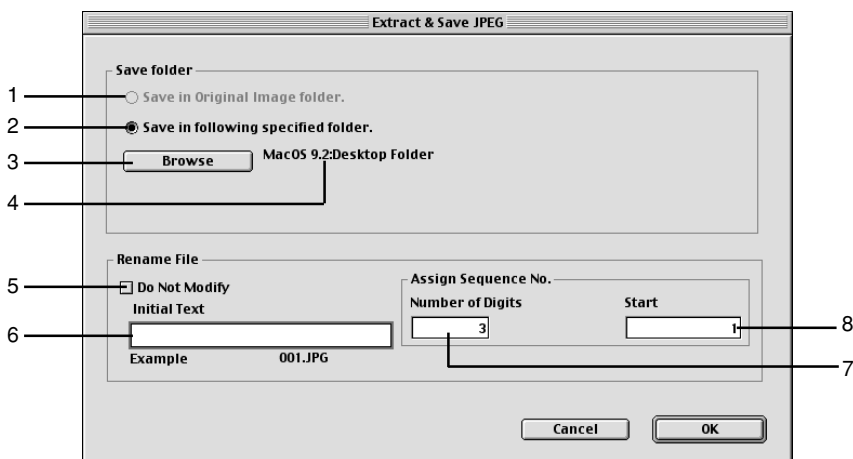
- 1 Select the RAW image from which a JPEG image is to be extracted. (→M-17)
- 2 Click the [Save File] button and select [Extract & Save JPEG] from the menu that appears.

→ 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.

## Extract & Save JPEG dialog box



- 1 The converted image is saved in the same folder as the displayed image. You cannot select this option for images that are saved on a CF card in the camera. This option is only available for images 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-17)

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

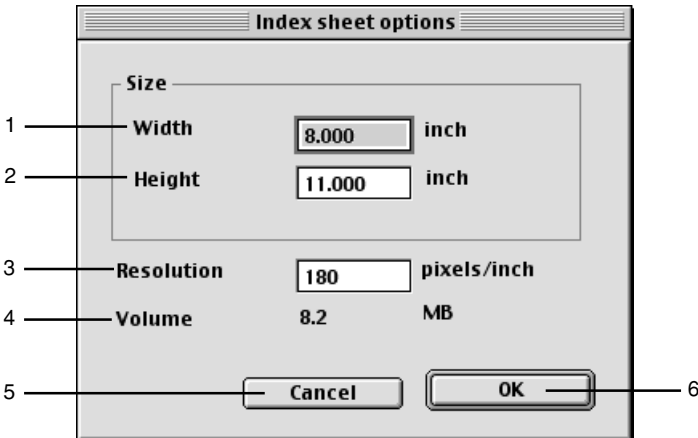
→ The [Index sheet options] dialog box appears.



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

→ The [Save File] dialog box appears.

## Index sheet options dialog box

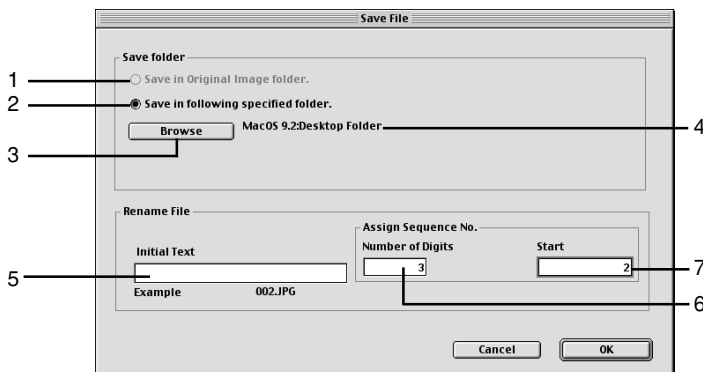


- 1 Enter the width of the index sheet to be created.
- 2 Enter the height of the index sheet to be created.
- 3 Enter the resolution of the index images.
- 4 Indicates the projected image file size based on the specified width, height and resolution.
- 5 Cancels the index sheet options settings.
- 6 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.

### Save File dialog box



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- 1 The converted image is saved in the same folder as the displayed image. You cannot select this option for images that are saved on a CF card in the camera. This option is only available for images 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.

3

Working with Images in File Viewer Utility



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.

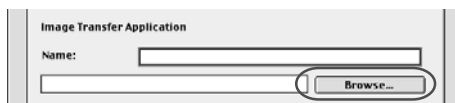
## Specifying the Image Transfer Settings

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-40)**

**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 [Open] button.**

→ 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 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-38).

## 1 Select images to be transferred. (→M-17)

## 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.

✓ **Single-Frame Transfer**  
**Transfer as Index Image**

## 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-36).



## 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.



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 general settings for File Viewer Utility and the processing method for RAW images.

## 1 Click the [Preferences] button.

→ The [Preferences] dialog box appears.



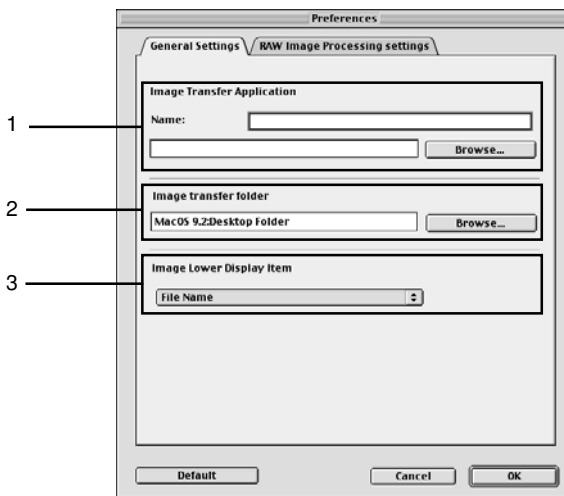
## 2 Select the [General Settings] tab or the [RAW Image Processing settings] tab.

→ 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.

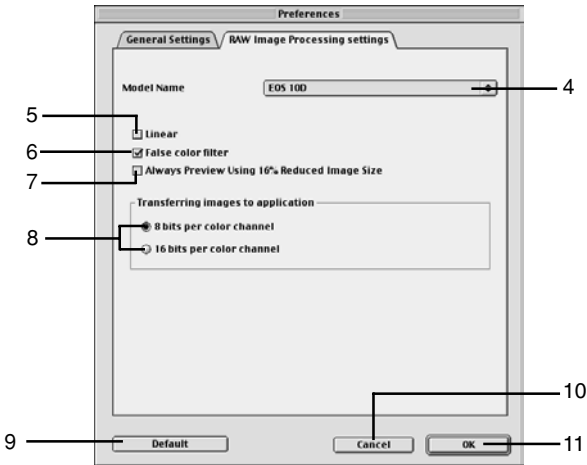
### General Settings tab sheet



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

- 1 When you click the [Transfer Images] button (→M-39), the retouching software to which the image will be transferred is specified. (→M-38)
- 2 Specify the folder for saving the image to be transferred to the retouching software. (→M-38)
- 3 Specify the information to be displayed below images. Select [File Name] or [Shooting Date/Time] in the list box.

## RAW Image Processing settings tab sheet



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

The settings described here are those shown when [EOS 10D] is selected in the [Model Name] list box.

- 4 Select [EOS 10D].  
\* 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.
- 5 You should select this option when you want to perform linear processing on an image. Because linear processing is performed on the tone curve adjustments automatically made by the camera, the image degradation that normally accompanies tone curve adjustment is minimized. Select this option when you want to use your own retouching software to make fine adjustments to the saturation.
- 6 Clicking this checkbox neutralizes false colors.
- 7 When you click this checkbox, a 16% reduced image is shown in the Preview mode.
- 8 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.

- 9 Restores the default settings for all the parameters in the currently displayed tab sheet.
- 10 Cancels all the settings, restores the parameters to their original values and ends the procedure.
- 11 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].



➔ The [Camera Settings] dialog box appears.

## Camera Settings dialog box

Camera Settings

Camera Model: Canon EOS XXX

Body ID: 000001

Firmware Version: 1.0.0

Owner's Name

canon

Date & Time

from Mac

12/11/02

4:04:28 PM

Battery Status OK

Memory card: Format

Status: Installed

Free: 92.83MB

Total: 124.84MB

Apply

Cancel

OK

This box shows the Camera's model name, Body ID 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.

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

The battery level of the camera battery 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.

M

3

Working with Images in File Viewer Utility



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

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### 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 X) 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 clicking the [from Mac] button (select the [Synchronize with Mac] checkbox in OS X).

### 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

M

4

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

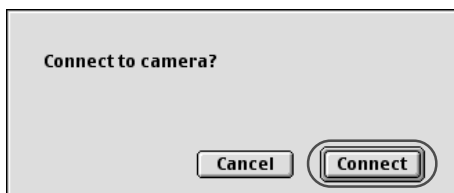
- For more information on using RemoteCapture, refer also to the sources listed below.

**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-8)**
  - In OS 9, ImageBrowser starts up and the [Auto Run] 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.**
  - ➔ A message appears prompting you to connect the camera to your computer.
- 3 Click the [Connect] button.**
  - When the [Communication Settings] dialog box appears, select [USB Port] from the [Port] list box, select [EOS 10D] from the [Detected Camera] list box and then click the [Set] button.
  - ➔ The Shooting window and Save window appear.



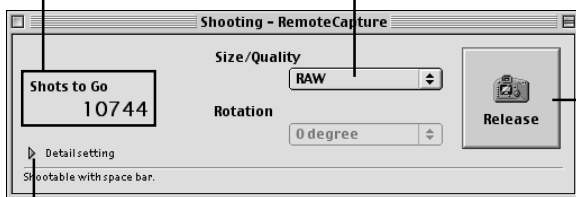
## Shooting window

### 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 recorded quality of images.



### Release button

Takes a shot with the camera. 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

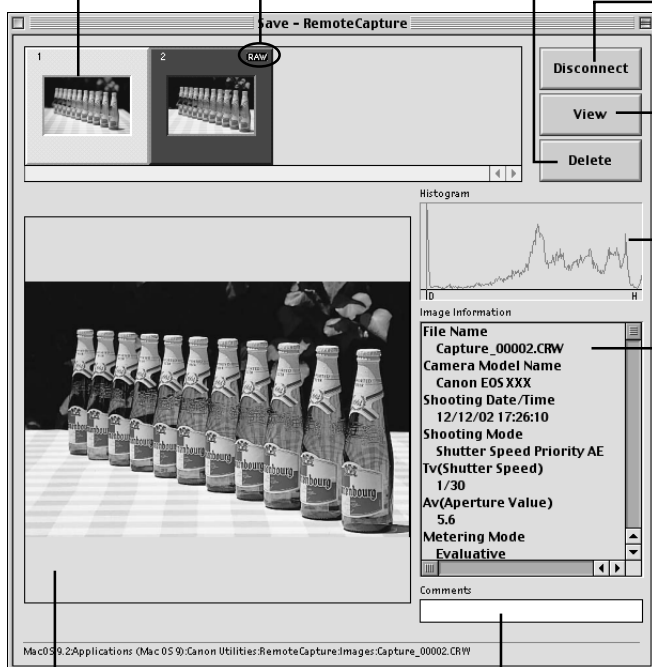
Displays the image selected in thumbnail view enlarged in a separate window.

### 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 9, click the [Disconnect] button and select [Exit] from the [File] menu.
- To exit RemoteCapture in OS X, select [Quit RemoteCapture] from the [RemoteCapture] 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 image-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.

- ❶ **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

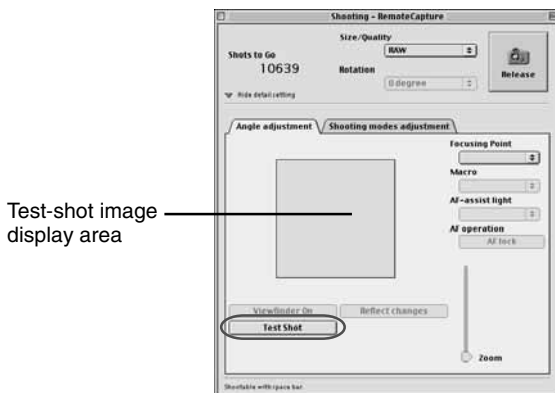
**1 Set the camera up ready to shoot.**

**2 Make various settings.**

- For information on how to set the size and image quality, refer to “Shooting window” (→M-46).
- See “Default Settings” (→M-51) 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 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.



- 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.
- When you are using mirror lockup to take shots, there is a delay of approximately 2 seconds after you click the RemoteCapture [Release] button before the shot is actually taken.



- 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.
- By selecting [Camera Setting] from the [File] menu, you can specify the camera settings. See “Specifying the Camera Settings” (→M-42) for information on how to specify the camera settings.

M

## 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-46)

4

Operating the Camera from Your Computer

## 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.

## 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.

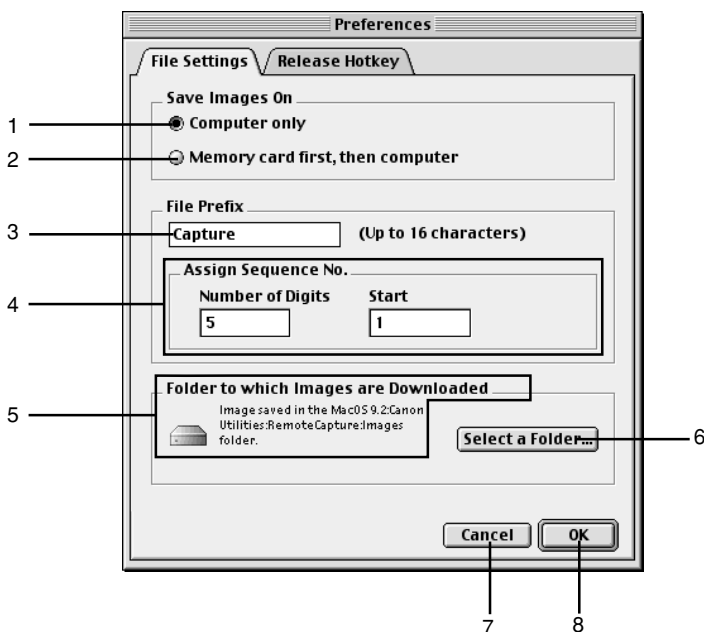
### 1 Display the [Preferences] dialog box.

- If you are using OS 9, select [Preferences] from the [File] menu.
- If you are using OS X, select [Preferences] from the [RemoteCapture] 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.

## Preferences dialog box



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4

Operating the Camera from Your Computer

- 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 drive 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.

M

### 1 Display the Detailed Settings window.

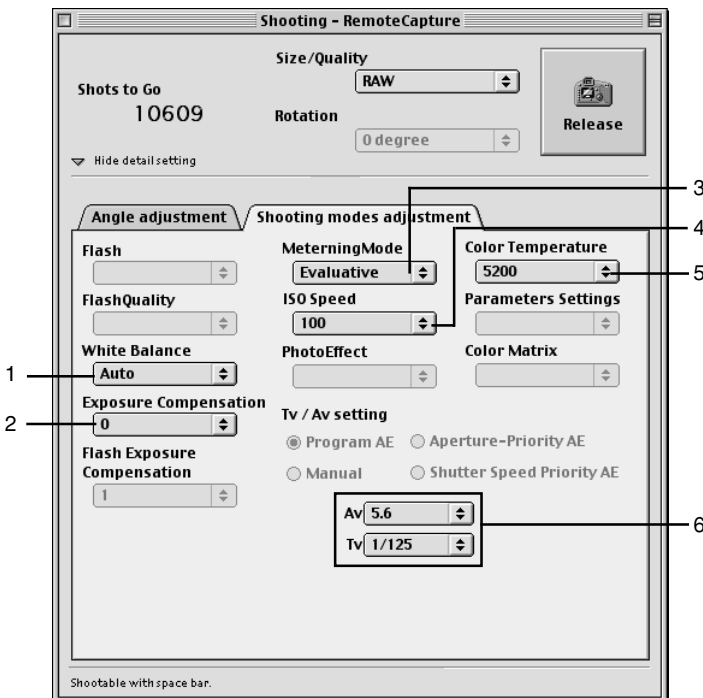
- Click [D] (the Detail setting button) in the Shooting window.

### 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 [V] (the Hide detail setting button) in the Shooting window.



4

Operating the Camera from Your Computer

\* 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 Metering Mode.
- 4 Allows you to specify ISO Speed.
- 5 Allows you to specify Color Temperature.
- 6 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-8) for details.

# Starting ImageBrowser

You can start up ImageBrowser for OS 9 either from the icon or from the [Auto Run] dialog box displayed when you connect the camera to your computer. If you will be using ImageBrowser for OS X, see “Starting ImageBrowser Using the Icon” (→M-58) and start up ImageBrowser.

## Starting ImageBrowser from the [ImageBrowser Automation wizard] Dialog Box

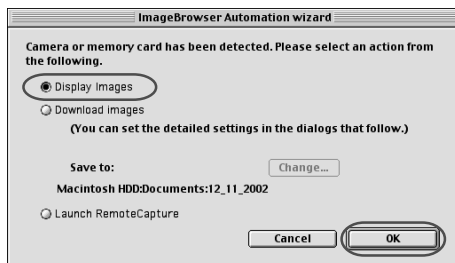
When you connect the camera to your computer, start up ImageBrowser from the [ImageBrowser Automation wizard] dialog box.

### 1 Connect the camera to your computer. (→M-8)

→ The [ImageBrowser Automation wizard] dialog box appears.

### 2 Confirm that [Display Images] radio button is selected and click the [OK] button.

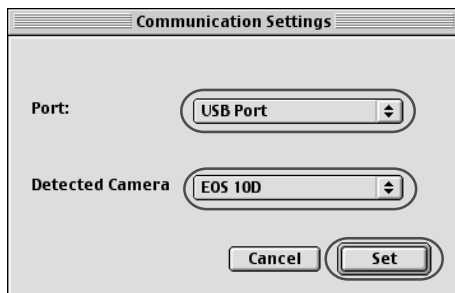
→ The [Communication Settings] dialog box appears.



### 3 Confirm that [USB Port] is selected in the [Port] list box and that [EOS 10D] is selected in the [Detected Camera] list box, then click the [Set] button.

→ The Camera window and Browser window appear.

- The [Communication Settings] dialog box only appears the first time the camera is connected.



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-60).

## What to Do the Next Time ImageBrowser is Started

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-46)



For more information on using the [ImageBrowser Automation wizard] dialog box, refer to the ImageBrowser Help menu or PDF manual, ImageBrowser Software User Guide.

# Starting ImageBrowser Using the Icon

Start up ImageBrowser from the [Canon ImageBrowser] icon.

**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.



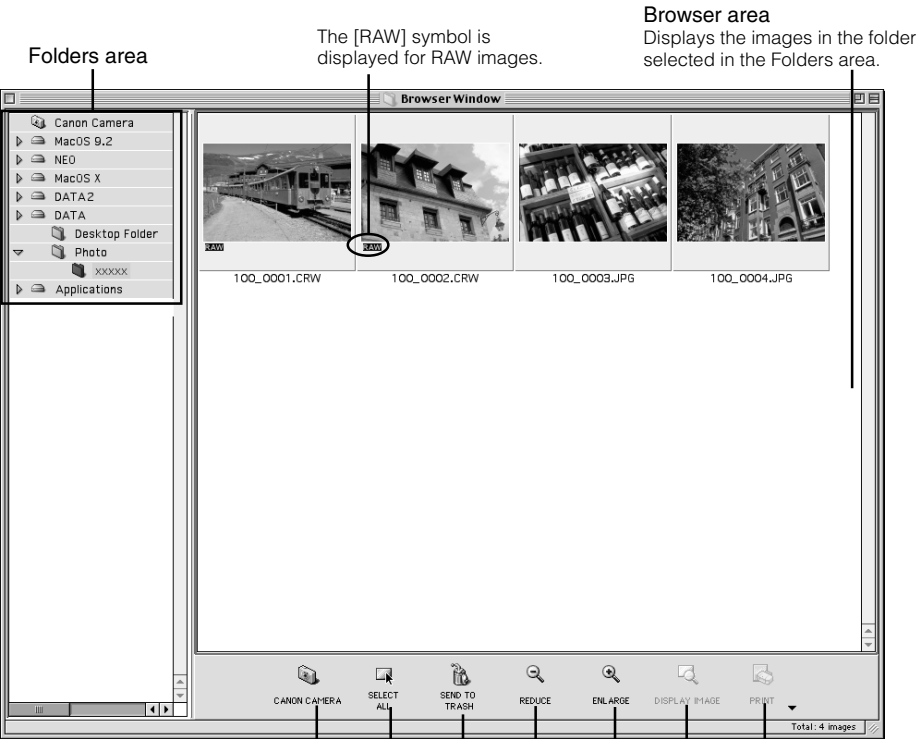
OS 9



OS X

- ➔ When you start ImageBrowser, the Browser window appears. Then, when the connection to the camera opens, the Camera window appears.

## Browser Window



Click here to connect to the camera.

Click here to select all the images.

Click here to delete images.

Click here to print images.

Click here to display images.

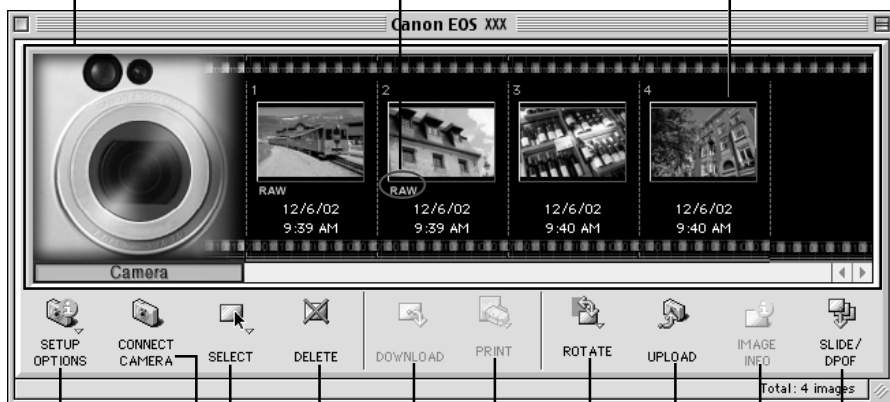
Click here to magnify or reduce images.

## Camera window

An image of the connected camera or CF card will be displayed here.

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

Thumbnail



Sets various camera settings. See "Specifying the Camera Settings" (→M-42) 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 displayed as thumbnails.

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.

M

5

Working with Images in ImageBrowser

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

## Disabling ImageBrowser Auto Start

Use the procedure below to prevent ImageBrowser for OS 9 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 the close box  at the upper left of the dialog box. The [Settings for USB connection] dialog box will close.

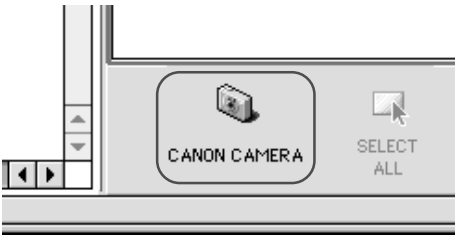
➔ ImageBrowser will cease to start automatically thereafter.

# 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.

- To display the images on the camera, click the [CANON CAMERA] button.
  - When you click the [CANON CAMERA] button, the [Communication Settings] dialog box may appear. Select [USB Port] from the [Port] list box, and select [EOS 10D] from the [Detected Camera] list box, then click the [Set] button.
  - If you are using ImageBrowser for OS 9 and ImageBrowser started up automatically, the [ImageBrowser Automation wizard] dialog box appears. If you click the [Settings change] button, select the [Display Images] radio button and then click the [OK] button, the images in the camera automatically appear in the Camera window.
- ➔ In the Camera window, the images on the camera are displayed as thumbnails (reduced images).
- To display the images from a card reader, double-click the [DCIM] folder in the Folders area.
- ➔ The images from the CF card will be displayed as thumbnails in the Camera window.



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## 2 Create a new folder in which to save the images stored on the camera.

- In the Folders area, choose the location where you want to create the new folder and then select [New Folder] in the [File] menu.
- ➔ A new folder is created.



5

Working with Images in ImageBrowser

### 3 Type in the folder name.

- Once you have typed in the folder name, leave the folder selected.



### 4 Select the images you wish to download from the Camera window and click the [DOWNLOAD] button.

- Click a thumbnail to select one of the displayed images. You can select multiple images by holding down the <shift> key as you click other thumbnails.
- Click a selected image again to deselect that image.



➔ Downloaded images are saved to the computer and appear in the Browser area.



- 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, bring the Camera window to the front and select [Close] from the [File] menu to close the Camera window.

# Printing Images

- 1 **Display images in the browser window. (→M-61)**
- 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.



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- 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.

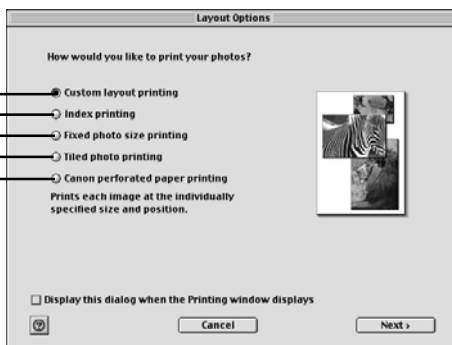
Select this option when you want to set the custom image size and position and create your own design.

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.

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.)



5

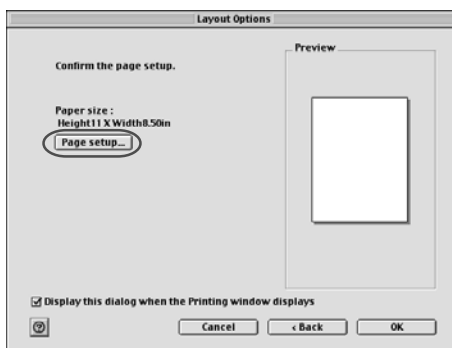
Working with Images in ImageBrowser



Selecting the [Custom layout printing] 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.

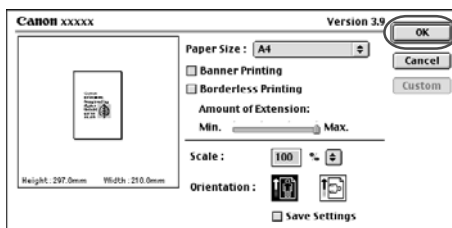
## 5 Click the [Page setup] button.

→ The Page Setup window opens.



## 6 Set the paper size and orientation, and then click the [OK] button.

→ The page setup window in the [Layout Options] dialog box appears again.



## 7 Click the [OK] button.

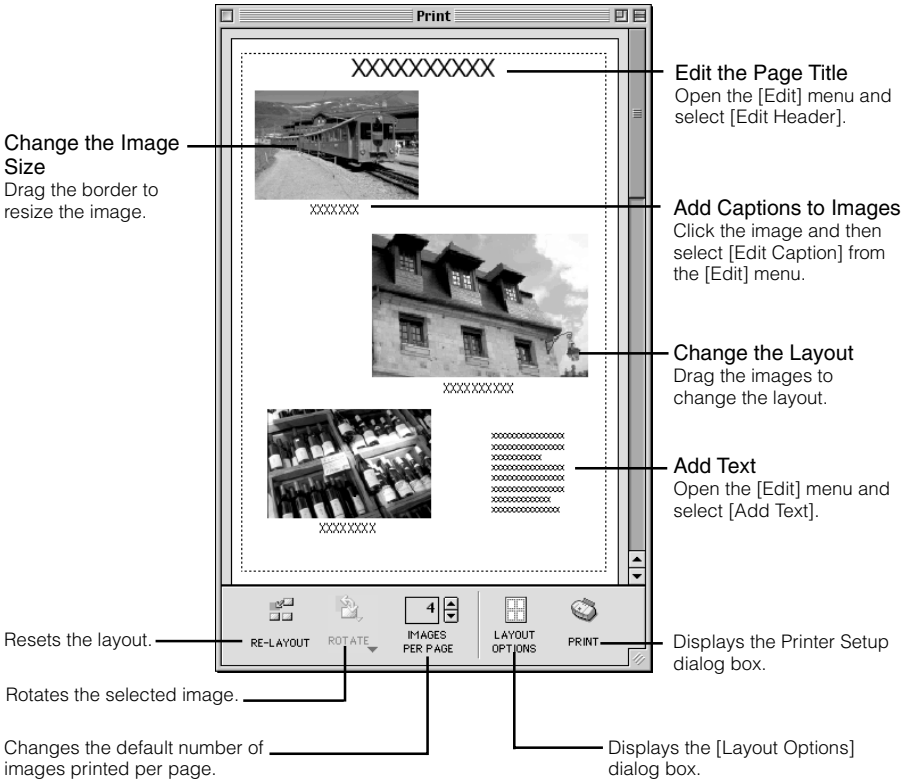
→ The print window appears.

## 8 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.



- **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.



Drag this arrow to change the image size.

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

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



- The [Custom layout printing] radio button in the [Layout Options] dialog box allows you to freely change the size and position of the images for printing. The other options allow you to print an index or print onto Canon perforated paper (supported on OS 9 only).
- The settings available in step 3 vary depending on type of printing selected in step 2.

# 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 Display the [Preferences] dialog box.

- If you are using OS 9, select [Preferences] from the [Edit] menu.
- If you are using OS X, select [Preferences] from the [ImageBrowser] menu.
- ➔ The [Preferences] dialog box appears.

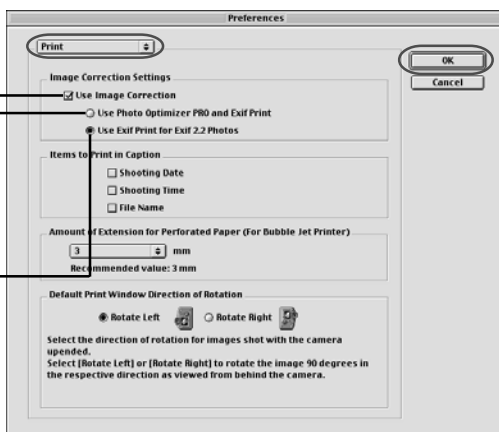
## 2 Select [Print] from the list box, make the settings of image quality correction, and click the [OK] button.

- ➔ The value is corrected 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-63)



- 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 active for all images.

# Processing RAW Images and Merging Panorama Shots ■

## 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-61)**
- 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 appears in the File Viewer Utility main window.
- 4 Process the RAW image.**
  - See “Processing RAW Images” (→M-25) 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 Panoramic Images with PhotoStitch

You can merge a series of overlapping images into a single, seamless panorama image.

- 1 Display images in the browser window. (→M-61)**
- 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 open RAW images in PhotoStitch.
- Up to four images can be merged using PhotoStitch.

# 6

## Troubleshooting and Uninstallation

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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.**

### ● **Are you using the following type of computer?**

→ A Macintosh computer with a USB connector as a standard feature.

(\* The software may not run correctly when the camera is connected to a USB interface that is not a standard feature of the computer.)

### ● **Are the camera and your computer connected correctly?**

→ Connect the camera to your computer correctly using the interface cable. (→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 EOS 10D Instructions.)

### ● **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 interface cables. Then reconnect just the interface cable that connects the camera to your computer.

### ● **Did you try to use the camera on a first-generation iMac without updating your system software to OS 9 or later?**

Update the firmware using the iMac Firmware Update and then update the system software to OS 9 or OS X.

→ You can download the iMac Firmware Update from Apple’s web site.

→ Purchase OS 9 or OS X from your Apple retailer.

(\* Version 9.2 of OS 9 and version 10.2 of OS X are recommended.)

## The software doesn't run properly.

### ● 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 9, open the [Preferences] folder by double-clicking [System Folder]

▶ the [Preferences] folder on the startup disk and then delete the target preference files.

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.

- |                               |  |
|-------------------------------|--|
| • Canon CameraCom Pref        | Communications and default settings file shared by all software programs |
| • CanonFileViewerUtility Pref | Preferences file for FileViewer Utility                                  |
| • RemoteCapture Pref          | Preferences file for RemoteCapture                                       |
| • ImageBrowser Preferences    | Preferences file for ImageBrowser  |

# Uninstallation Procedure

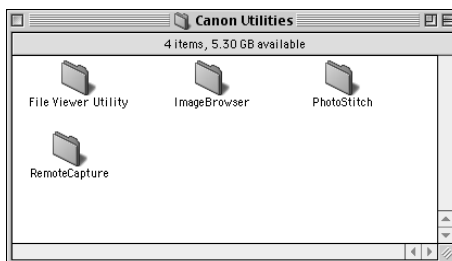
- With the exception of ImageBrowser for OS 9, the software uninstallation procedure is the same for both OS 9 and OS X.
- Before beginning the software uninstallation, close any other software you are using and disconnect the interface cable from your computer.
- When you have moved the software in the folders and control panels to be deleted to the Trash, select [Empty Trash] from the [Special] menu (If you are using OS X, select [Empty Trash] from the [Finder] menu.) and empty the Trash. You cannot reinstall the software until you have emptied the Trash.

## Uninstalling the Software

This section uses File Viewer Utility as an example to illustrate how to uninstall the software. The same procedure can be used to uninstall other software products.

### 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.

## 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.

# Adobe Customer Support

Adobe Systems Inc. technical support information is available in the PDF file format on the supplied CD-ROM.

## PDF File Location and Opening Instructions

Place the Adobe Photoshop Elements 2.0 CD-ROM in the drive. The window will open automatically and show folders with language names. Double-click the appropriate language folder and the [Support.pdf] file within it.

- To read PDF files, Adobe Acrobat Reader must already be installed on your computer. An installer for this program is on the Adobe Photoshop Elements 2.0 CD-ROM within each language folder in a folder labeled [Adobe Acrobat Reader].

M

6

Troubleshooting and Uninstallation

# Index

## A

- Adjusting Image Quality and Printing (Exif Print) ..... M-67
- Adjusting the Color
  - Color Saturation ..... M-30
  - Color Tone ..... M-30
  - Contrast ..... M-30
- Adjusting the White Balance ..... M-27

## C

- Click White Balance Function ..... M-29
- Color Temperature ..... M-28
- Connecting the Camera to Your Computer ..... M-8
- Copying the Processing Parameters .... M-31

## D

- Digital Exposure Compensation ..... M-26
- Disabling ImageBrowser Auto Start ..... M-60
- Display Mode
  - JPEG Preview ..... M-19
  - Preview ..... M-19
  - Thumbnail Display ..... M-19
- Displaying Images ..... M-16
- Downloading and Saving Images ..... M-61

## E

- Erasing Images ..... M-23

## I

- Installing
  - Photoshop Elements 2.0 ..... M-6
  - Software ..... M-4
- Interval Timer Shooting ..... M-49

## M

- Main Functions of the Software
  - File Viewer Utility ..... A-6
  - ImageBrowser ..... A-7
  - Photoshop Elements 2.0 ..... A-8
  - PhotoStitch ..... A-7
  - RemoteCapture ..... A-6
- Merging Panoramic Images ..... M-68
- Model-Specific Processing Mode ..... M-18

## O

- Operation Flow ..... A-4

## P

- Printing Images ..... M-24, M-50, M-63
- Processing RAW Images ..... M-25, M-68
- Protecting Images ..... M-22

## R

- Remote Shooting ..... M-48

## S

- Saving Images
  - Convert and Save in File ..... M-32
  - Extract & Save JPEG ..... M-34
  - Save Index ..... M-36
- Selecting Images ..... M-17
- Setting the Owner's Name, Date and Time ..... M-44
- Settings Dialog Box
  - Camera Settings ..... M-42
  - Default Settings ..... M-51
  - Detailed Settings ..... M-53
  - Preferences ..... M-40
- Sharpness ..... M-31
- Software Window
  - File Viewer Utility Main Window ..... M-13
  - ImageBrowser
    - Browser Window ..... M-58
    - Camera Window ..... M-59
  - RemoteCapture
    - Save Window ..... M-47
    - Shooting Window ..... M-46
- Specifying the Color Space ..... M-31
- Starting the Software
  - Starting File Viewer Utility ..... M-12
  - Starting ImageBrowser ..... M-56
  - Starting RemoteCapture ..... M-46
- System Requirements ..... A-10

## T

- Timer Shooting ..... M-50
- Transferring Images to Retouching Software ..... M-38

## U

- Uninstalling
  - Photoshop Elements 2.0 ..... M-72
  - Software ..... M-72

MEMO

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This Instructions booklet is current as of February 2003. For information on using the camera with system accessories introduced after this date, contact your nearest Canon Service Center.