Canon

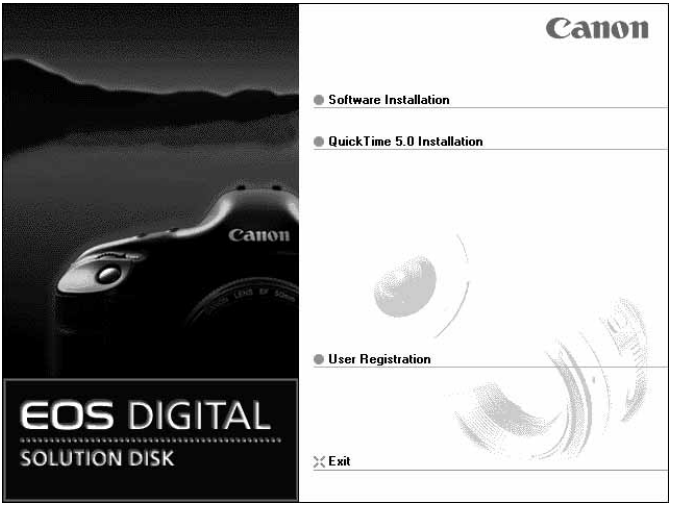
EOS-1Ds DIGITAL

Software

Windows

INSTRUCTIONS

EOS DIGITAL SOLUTION DISK Ver. 4



Please read these instructions carefully before using the EOS-1Ds software.
This guide should be kept in a safe place so that it can be used for future reference.

Exif Print

DPOF™

E
English Edition

CT1-1238-000

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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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Conventions Used in These Instructions

- The information in these instructions is valid for the Windows 98 Second Edition (referred to hereafter as Windows 98 SE), Windows Me, Windows 2000, and Windows XP Home Edition/Professional (referred to hereafter as Windows XP) operating systems.
- When explanations are common to all the operating systems, the screens shown are from Windows 98 SE.
- 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 and Readme files for the respective products.
- In order to transfer images from File Viewer Utility, you will need the retouching software. In order to start the TWAIN Driver, you will need the TWAIN Driver-compatible application. Explanations for transferring images from File Viewer Utility described in these instructions and the explanations for the TWAIN Driver-compatible application all use examples from Adobe Photoshop 5.0 LE.

: 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.

C.Fn : These sections provide brief descriptions of the Custom Function Settings for the respective camera functions. For more details, refer to “Custom Function Settings” in the EOS-1Ds Instructions.

QuickTime

To save composite images made using PhotoStitch in the QuickTime VR format, you will need QuickTime 3.0 or later. If you have not already installed QuickTime 3.0 or later on your computer, install it using the procedure below.

1 Load the EOS DIGITAL SOLUTION DISK into the CD-ROM drive.
→ The Installer panel appears automatically.
2 Click [QuickTime 5.0 Installation].
3 Proceed with the installation as directed by the on-screen messages.

ZoomBrowser EX Software User Guide

A PDF format manual is available on the Canon website. Use your browser program to download this manual from the web. 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 manual.

Software

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

■ EOS DIGITAL SOLUTION DISK

File Viewer Utility

- 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.
- Allows you to change the settings of the camera.

RemoteCapture

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

TWAIN Driver

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

  * You can start the TWAIN Driver from a TWAIN Driver-compatible application (such as Adobe Photoshop).

WIA Driver

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

ZoomBrowser EX

- When you connect the camera to your computer with the interface cable, images on the CF card in the camera are displayed.
- This program displays downloaded images in lists and allow you to sort and organize them by content.
- This program can start your email 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 automatic start of email programs is supported by Windows and the email programs must be enabled as MAPI clients.

PhotoRecord

- This program permits you to add backgrounds and borders, as well as titles and comments, and print out the images. You can enjoy preparing prints of your images appearing as if they were pasted into a photo album. Naturally, you can also use it to make artistic single-image layouts.
- Allows you to make index prints using the images saved on your computer and on the camera.
- This program can output your original photo cards or labels (8-label sheets) to Card Photo Printer CP-10 (optional) connected to the computer by interface cable PIF-100 (optional).

PhotoStitch

- 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.

■ Adobe Photoshop 5.0 LE DISK

Photoshop 5.0 LE

- 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 start the TWAIN Driver or to download images from WIA TWAIN.

  * If you already have Photoshop 5.0 LE 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 application all use examples from Photoshop 5.0 LE.

Computer System Requirements

Computer	IBM PC/AT-compatible machine equipped with an OHCI-compatible IEEE1394 port	
OS	Windows 98 Second Edition Windows Me Windows 2000 Professional Windows XP (Home Edition/Professional) * Preinstalled versions (upgrades not supported)	
CPU	Windows 98 SE Windows Me Windows 2000	150 MHz Pentium or better
	Windows XP	300 MHz Pentium or better
RAM	Windows 98 SE Windows Me Windows 2000	Minimum 128 MB required
	Windows XP	Minimum 256 MB required
Interface	IEEE1394	
Hard disk space	File Viewer Utility RemoteCapture TWAIN Driver WIA Driver ZoomBrowser EX (Including the PhotoRecord printing program) PhotoStitch Adobe Photoshop 5.0 LE	100 MB or more 20 MB or more 25 MB or more 25 MB or more 120 MB or more 40 MB or more 40 MB or more
Display	800 × 600 dots, 64,000 colors (16-bit color) or more required 1024 × 768 dots or more recommended	

- A CD-ROM drive is required for software installation.

1

Installing the Software

This chapter describes the procedure for installing the software for the camera and Photoshop 5.0 LE.

Installing the Software

- You must follow the procedure given below to install the software.
  1. Install the software from the EOS DIGITAL SOLUTION DISK
  2. Take the EOS DIGITAL SOLUTION DISK out of the CD-ROM drive.
  3. Install Photoshop 5.0 LE
  4. Connect the camera and complete the installation.
     ➡ When you connect the camera to your computer, the driver is automatically installed and driver installation ends. (On Windows 98 SE and Windows 2000, the TWAIN Driver is installed, and on Windows Me and Windows XP, the WIA Driver is 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 98 SE/Windows 2000: TWAIN Driver
  • Windows Me/Windows XP: WIA Driver
- **Do not connect the camera to your computer before you have installed the software as this will prevent successful software installation.**

Installing the Software

1 Start up your computer.

- If you are using Windows 2000 or Windows XP Professional, log on with [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, double-click [My Computer] on desktop (if you are using Windows XP, click the [Start] button ▶ [My Computer]), then right-click the icon for the CD-ROM drive containing the SOLUTION DISK, select [Open] in the displayed menu, and double-click the [Setup] icon.

3 Click [Software Installation].

➡ The preparation of installation starts.

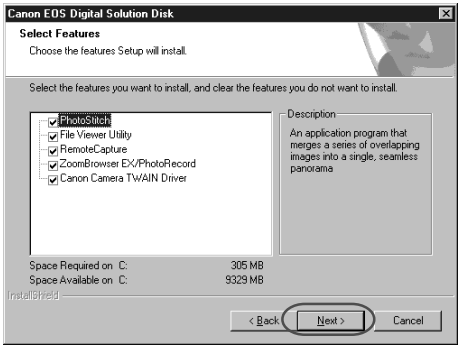
4 Click the [Next] button.

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.

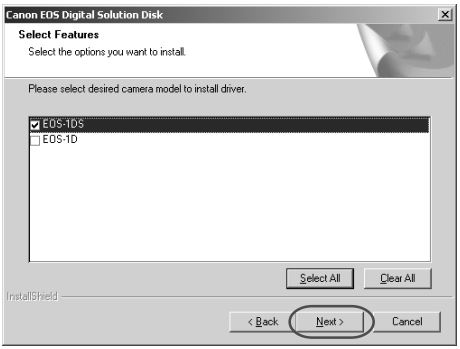
7 Select the software to be installed.

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



8 Select the EOS-1Ds.

- Click the [EOS-1DS] checkbox and then click the [Next] button.



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

10 Restart your computer.

Installing Photoshop 5.0 LE

- You are required to enter the serial number during Photoshop 5.0 LE installation. The serial number is shown on the CD-ROM's label.

1 Load the Adobe Photoshop 5.0 LE CD-ROM into the CD-ROM drive.

2 Double-click [My Computer] on the desktop to open.

- Windows XP users should click the [Start] button and then [My Computer].

3 Double-click the [Photosle] CD-ROM icon ▶ the [English] folder ▶ the [Photosle] folder.

4 Double-click the [Setup.exe] icon.

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

- For more information on the installation procedure, refer to the [Install] file in the [English] folder on the Photoshop 5.0 LE CD-ROM.

Complete the Installation of the TWAIN and WIA Drivers

- **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 98 SE/Windows 2000: TWAIN Driver
  • Windows Me/Windows XP: WIA Driver
- **Before you connect the camera to your computer, you must install the TWAIN Driver or WIA 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 the limitations of the WIA Driver, please click the [Start] button and select [Programs] ([All Programs] on Windows XP) ▶ [Canon Utilities] ▶ [EOS-1DS WIA Driver] ▶ [WIA Driver Readme].**

1 Connect the camera to your computer correctly (→2-2).

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

➡ The driver is installed automatically and driver installation is completed.

- This automatic installation is only performed the first time you connect the camera to your computer after installing the EOS DIGITAL SOLUTION DISK.
- If you are using Windows Me or Windows XP, the dialog box listed below appears when installation ends. Click the [Cancel] button to close the displayed dialog box.

  Windows Me: The [Scanner and Camera Wizard] dialog box appears.

  Windows XP: The [EOS-1DS] dialog box appears.
- When the message appears prompting you to restart your computer, restart your computer as directed by the message.

When the camera's main switch to <ON>, the [Creating driver information database] dialog box or the [Found new hardware] dialog box may appear on some computers you use.

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?

- The system has a built-in OHCI-compatible IEEE1394 port and it comes with Windows 98 SE, Windows Me, Windows 2000 or Windows XP preinstalled. (The IEEE1394 interface is not supported for systems not complying with the above conditions.)

(2) Is the camera connected correctly?

- See “Connecting the Camera to Your Computer” (→2-2) for more information.

(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-1Ds 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 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, refer to “Uninstalling the Driver” (→9-7) and perform the driver installation procedure once more from the beginning.

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 file “/SOFTWARE/INSTDATA/ENGLISH/REGIST.HTM” from Windows Explorer.

2

Getting Ready to Work with Images

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

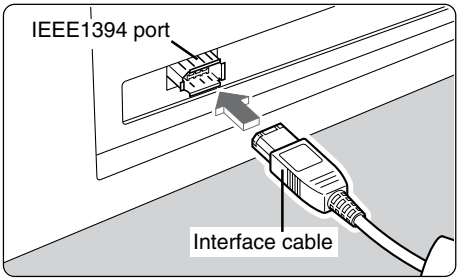
Connect the camera to your computer with the interface cable so that they can communicate. You can connect the camera while your computer is running.

- **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 runs after connecting the camera to the computer as a communications error may occur.**
  - **• Setting the camera's main switch to <OFF>**
  - **• Opening the CF card slot cover**
  - **• Disconnecting the interface cable, the power cord, or the AC adapter's plug**
  - **• Removing the DC coupler or the battery**

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

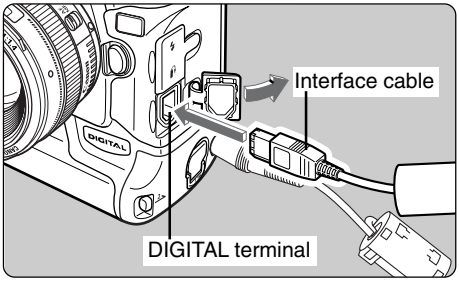
1 Plug the interface cable into the computer.

- Plug the cable into the IEEE1394 port on the computer.
- You can plug either end of the cable into the IEEE1394 port.
- 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 cable into the camera's DIGITAL terminal.
- You can plug either end of the cable into the DIGITAL terminal.



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

➡ The camera can now communicate with your computer.

- Start up the software to be used.

➡ If you are using Windows Me, the [Scanner and Camera Wizard] dialog box appears, and if you are using Windows XP, the [EOS-1DS] dialog box appears. Click the [Cancel] button to close these dialog boxes.

About Backing up (Copying) Images

- It is recommended that you should back up (copy) the captured images into the hard disk of your computer, etc. before working with EOS DIGITAL SOLUTION DISK.

- Use only the interface cable bundled with the camera 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 IEEE1394 devices.
- 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 malfunction.
- 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 connection, 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.

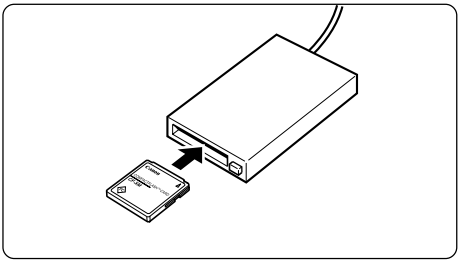
- When you connect your camera to a computer, you should use the DC Coupler Kit so that you can continue to use your camera regardless of battery level. It is recommended that you should set the camera's Auto power off function to [Off].
- If your computer has a 4-pin IEEE1394 port, purchase a Canon 4-pin to 6-pin interface cable (optional).

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.

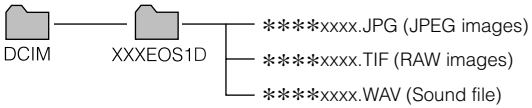
1 **Remove the CF card from the camera.**

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



CF Card Folder Structure and File Names

The images on a CF card are stored in sub-folders named [XXXEOS1D], where the “XXX” represents a number from 100 to 999, within the [DCIM] folder.



- The “****” in the file names represent the factory-set characters that are unique to each camera.
- The “xxxx” in file names represent four-digit numbers.

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

3

Working with Images in File Viewer Utility

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

Starting File Viewer Utility

1 Click the [Start] button and select [Programs] ([All Programs] on Windows XP) ▶ [Canon Utilities] ▶ [File Viewer Utility xx] ▶ [File Viewer Utility].

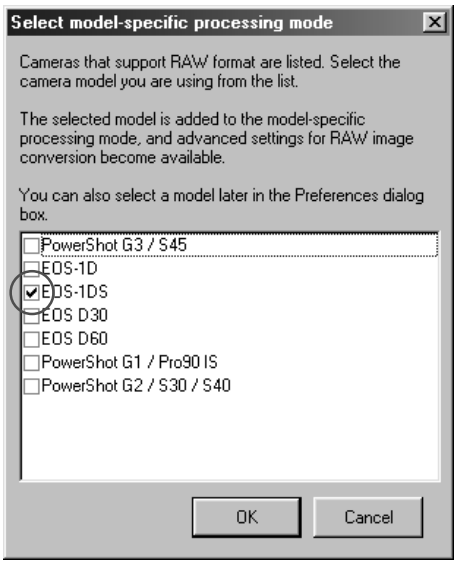
- You can also start File Viewer Utility by double-clicking the [File Viewer Utility] icon on the desktop.
- File Viewer Utility version information is displayed in xx.

➡ File Viewer Utility starts, and the [Select model-specific processing mode] dialog box appears.

2 Click the [EOS-1DS] checkbox and then click the [OK] button.

➡ The File Viewer Utility main window appears.

- The selected camera model is added to the [Model-specific processing mode] list box (→3-7) as a model-specific processing mode to be used when you perform processing that is unique to each camera.



If you have not clicked the [EOS-1DS] checkbox in the procedure above, display the [Select model-specific processing mode] dialog box from [Registered model-specific processing mode] (→3-39) in the [General Settings] tab sheet in the [Preferences] dialog box, and click the [EOS-1DS] checkbox.

The [Select model-specific processing mode] dialog box appears only when File Viewer Utility starts for the first time after installation. It does not appear when File Viewer Utility starts the second time or later.

File Viewer Utility main window

Show/Hide Thumbnail Frames button (→3-11)

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

Model-specific processing mode list box (→3-7)

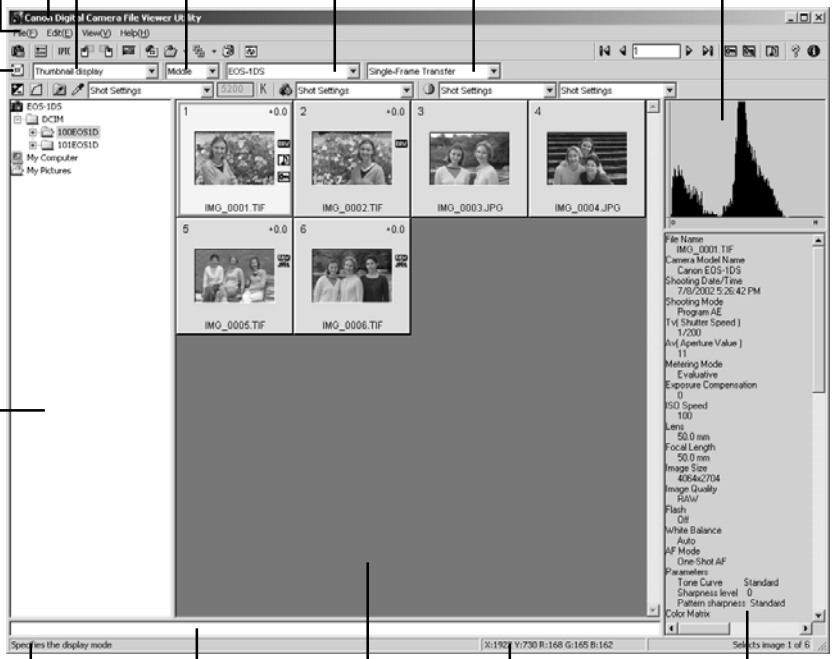
Path display
Displays the connected camera, drive on your computer and folder.

Histogram
Shows the distribution of the brightness of an image.

Display Mode list box (→3-8)

Image transfer mode list box (→3-44)

Display Size list box (→3-11)



Status bar

Comment input box (→3-15)

Image information display area (→3-15)

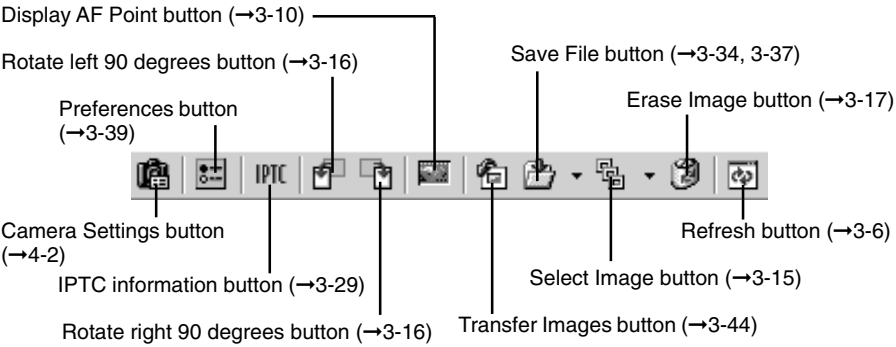
Tree View Area (→3-5)

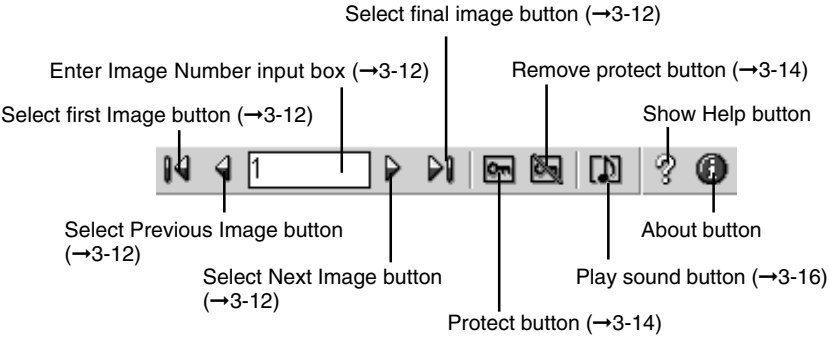
RGB value display
When you move the cursor over an image, the coordinates of the cursor position and its RGB values (8-bit conversion) are shown here.

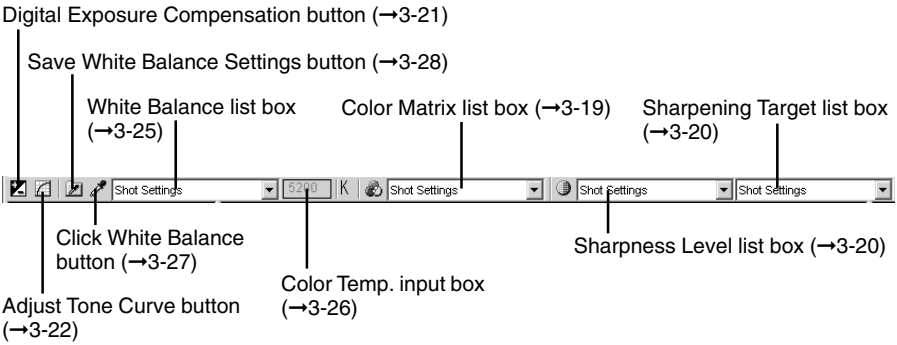
Image display area

* The window above is the one on which all the information is displayed. In the actual use, only the information needed for each circumstance is displayed.

● To close File Viewer Utility, select [Exit] from the [File] menu on the menu bar.







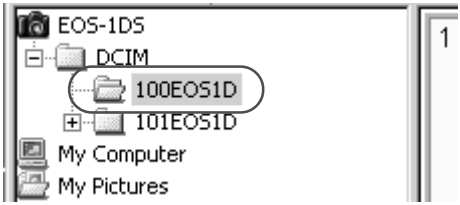
* The window above is the one on which all the information is displayed. In the actual use, only the information needed for each circumstance is displayed.

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-1DS] and then click the plus symbol [+] to the left of the [DCIM] folder ▶ the target folder (xxxEOS1D) in [Tree View Area].
- A number from 100 to 999 is displayed in xxx.



➡ The image saved in the selected folder is displayed.

The images that are processed on your computer after being shot or the images whose file name is changed may not be displayed properly.

- The following images can be displayed in File Viewer Utility.
  - JPEG image
  - RAW image shot on a Canon digital camera
  - TIFF image saved in File Viewer Utility (→3-34)
- 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, as RAW images are processed before being displayed, there is 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.

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.

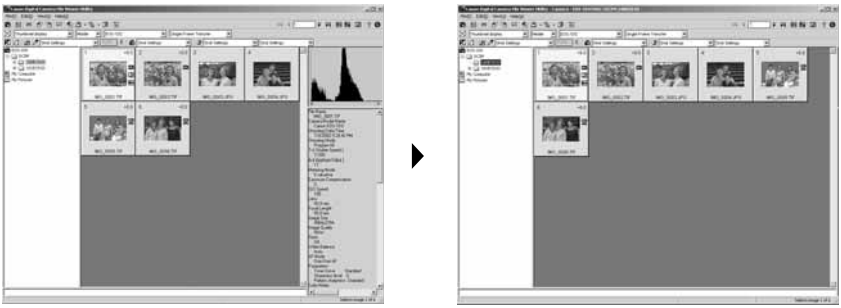
Click the [Refresh] button.

➡ 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].



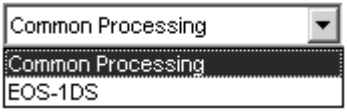
➡ The histogram and image information display area are hidden.

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

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.

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



[Common Processing]

The RAW image process tool bar is erased, and you cannot change the settings of RAW image processing.

[EOS-1DS]

The RAW image process tool bar is displayed, and when you select the RAW images shot on the EOS-1Ds, you can process them. When a JPEG image is selected, however, the RAW image process tool bar is grayed out and disabled.

If any images (including RAW or JPEG images) that were shot on a Canon camera other than the EOS-1Ds are saved on the CF card in the connected camera or on the selected folder, select [Common Processing] from the [Model-specific processing mode] list box, or add the model-specific processing mode of the camera on which images are shot, in the [General Settings] tab sheet (→3-39) in the [Preferences] dialog box.

- See “Processing RAW Images” (→3-18) 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 Display Mode and Display Size

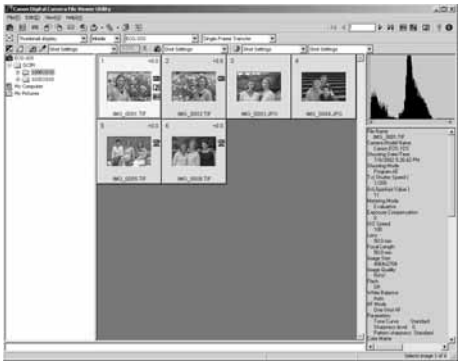
The available display modes are [Thumbnail display], [Preview] and [JPEG Preview]. You can select [Large], [Middle], or [Small] as the display size for each display mode.

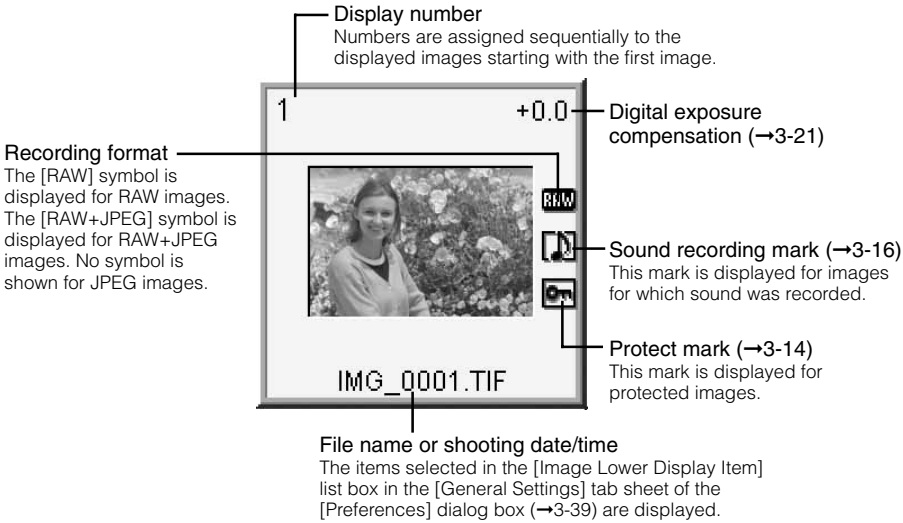
Selecting the Display Mode

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.
When you select the RAW+JPEG image, the RAW image is displayed.

[JPEG Preview]

When you select the RAW+JPEG image, the JPEG image is displayed as a single image.
When you select the RAW image, the JPEG image for the thumbnail display is shown.
When you select the JPEG image, it is displayed as a single image as in 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.

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. (→3-8)

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 focused AF point is displayed. When the shot was taken with automatic AF point selection, multiple focused 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 (protect mark, sound recording mark, etc.) displayed on the frame of the thumbnail images to display more images in the image display area.

1 **Select [Thumbnail display] from the [Display Mode] list box. (→3-8)**

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.

See "Selecting the Display Mode" (→3-8) for the information displayed in the thumbnail image.

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%), [Middle] (50%) and [Small] (25%).

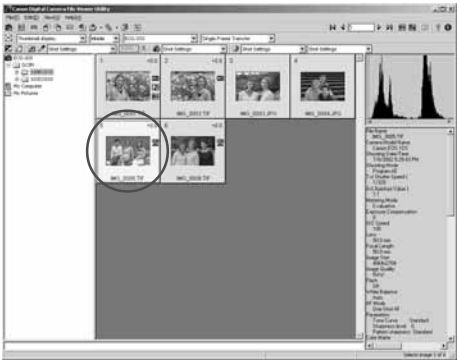
Selecting Images

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.

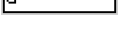


Selecting Images from the Control Panel

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 Next Image] button**
Selects the next image.

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

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

Working with Selected Images

Operations that Can Be Used with Images

The table below lists the operations available with File Viewer Utility. When a JPEG image is selected, the unavailable operations are shown grayed out. When operations such as [Rotate Image] are specified for a RAW image recorded in the RAW+JPEG formats, the operations are also applied to the JPEG image recorded at the same time. However parameters that can only be used with RAW images, such as [Color Matrix], are not applied.

Image recording formats and image processing options

Operations	RAW	JPEG	Description
Protect	✓	✓	Protects the image so it cannot be erased.
Erase	✓	✓	Erases unprotected images.
Display AF Point	✓	✓	Displays the focused or the used AF point.
Play Sound	✓	✓	Plays the sound recorded by the camera.
Comment Input	✓	✓	Attaches a brief comment to each image.
Transfer Image	✓	✓	Transfers images to the retouching software.
Save File	✓	✓	Saves an image to your computer, etc.
Rotate Image	✓	✓	Rotates the image by 90-degree unit.
Color Matrix	✓	–	Sets film-equivalent characteristics or color range characteristics.
Sharpness	✓	–	Adjusts the level or target frequency pattern of sharpness.
Digital Exposure Compensation	✓	–	Adjusts the brightness.
Adjust Tone Curve	✓	–	Adjusts the brightness and color saturation.
White Balance	✓	–	Adjusts the white balance.
Click White Balance	✓	–	Automatically adjusts the white balance.
IPTC Information	✓	–	Sets the IPTC information details.

You can make the neutralizing false color settings and the neutralizing false resolution settings of RAW images in the [RAW Image Processing settings] tab sheet (→3-40) in the [Preferences] dialog box.

Protecting Images

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

Click the [Protect] button.

➡ The image is protected, and the [ ] is displayed.

- Clicking the [Remove protect] button clears the [ ] and removes the protection.

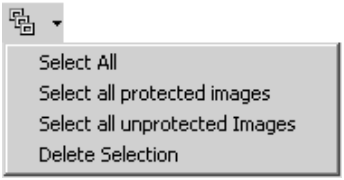
- When multiple images are selected, all the selected images are protected.
- The [ ] is automatically displayed for images that were protected on the camera.
- Protection only prevents images from being erased. Other types of image processing can still be performed for protected images.
- A range of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

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

➡ Only images that meet the condition are selected.



Checking the Image Information

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.
- Use the scroll buttons to display parts of the information that are not visible.
- 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 Color Matrix 4

Images shot with color matrix 4 must be transferred to the retouching software (third-party product) (→3-44) so that settings such as the chroma can be adjusted. The color matrix information is shown in the Image information display area.

Rotating Images

Use the procedure below to rotate a selected image by 90-degree unit 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.
- 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.

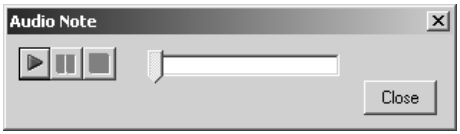
Playing Back Sound

Use the procedure below to play back sound that was recorded with an image.
The sound recording mark is displayed for images for which sound was recorded.

1 Select an image with [♪] displayed, and click the [Play sound] button.

➡ The [Audio Note] dialog box appears.

2 Adjust the sound with the buttons and Slider.



: **[Play] button**
Plays back the recorded sound.

: **[Pause] button**
Pauses sound playback. Click the [Play] button to resume.

: **[Stop] button**
Stops sound playback.

: **Slider**
Indicates the sound playback position.

- Clicking the [Close] button closes the [Audio Note] dialog box.

Erasing Images

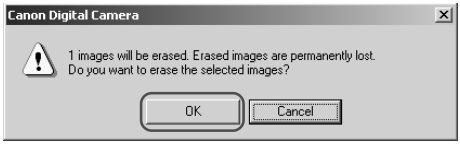
Use the procedure below to erase unwanted images from a CF card or your computer.

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 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.
- When you erase the RAW+JPEG image, the JPEG image is also erased.
- When you erase an image with [♪] displayed, the recorded sound is also erased.

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.

Printing Images

You can print images in index format.

1 Select images to be printed in index format (→3-12).

- Select multiple images to be printed in index format.

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

➡ The images are printed.

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

Processing RAW Images

RAW images are processed so that they are optimized for their intended purpose. As well as providing the same color matrix and white balance settings, etc. as the camera, File Viewer Utility allows you to specify digital exposure compensation, tone curve adjustment and white balance adjustment using click white balance as additional processing parameters.
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-1DS] from the [Model-specific processing mode] list box. (→3-7)
- Select the RAW image to be processed. (→3-12)
- It is recommended that you use the Preview mode to check the processed image. (→3-9)

2 Change the parameter settings.

- Change parameter settings. 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.

- Because the parameters set during shooting and the modified parameters for the original RAW image are updated in realtime.

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

- You can save an image as a JPEG or TIFF format by clicking the [Save File] button and selecting [Convert and save in file] from the menu that appears (→3-34). If you select [Save Index], multiple images can be saved as an index. (→3-37)
- Clicking the [Transfer Images] button transfers the image to the retouching software that you have set. (→3-44) You can specify the number of bits for colors when the image is transferred in the [RAW Image Processing settings] tab sheet in the [Preferences] dialog box (→3-40).

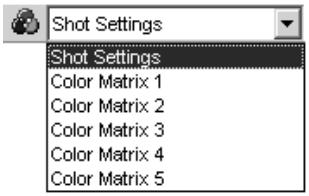
When multiple images are selected, the specified processing is applied to all the RAW images selected.

Selecting the Color Matrix

Use the procedure below to select the film-equivalent hue, chroma and color range (the range of colors that can be reproduced).

Select the color matrix from the [Color Matrix] list box.

➡ The resulting image appears in Preview mode.



Color Matrix	Settings
Shot Settings	Select this option to apply the color matrix used when the shot was taken.
Color Matrix 1	Reproduces the hues and chroma for natural color tones. Select this option to show the subject's natural color tones.
Color Matrix 2	Reproduces hues and chroma suited to portraits. Select this option to reproduce beautifully natural skin tones.
Color Matrix 3	Reproduces hues and chroma similar to those in high-chroma color slide film. Select this option to reproduce clear and vivid color tones.
Color Matrix 4	Processes images so that the color space is compatible with Adobe RGB. Select this option when you intend to convert the image profile to Adobe RGB or you want to make fine adjustments to the chroma. If you intend to convert the image profile, transfer the image to a software application with a conversion function and specify Adobe RGB (this option does not append an ICC profile to the image). In sRGB environments, because the color chroma of the image is low, you should transfer the image to the retouching software that you have set (third-party product) and adjust the chroma.
Color Matrix 5	Processed as low-chroma image. Effective for making color tone moderate.

- It is recommended that you should use the retouching software (third-party product) that supports 16-bit images for the one to be set for the transfer image function of File Viewer Utility.
- When you intend to transfer an image shot using Color Matrix 4 to the retouching software (third-party product), it is recommended that you should set the [Transferring images to application] option in the [RAW Image Processing settings] tab sheet in the [Preferences] dialog box (→3-40) to [16 bits per color channel] so that the transferred image is suitable for image processing.

Adjusting the Sharpness

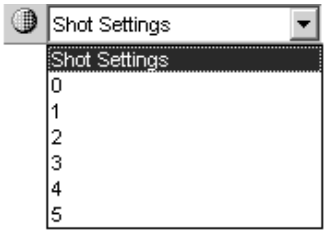
You can adjust the sharpness of the image edge.

Adjusting the Sharpness Level

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

- Higher values give higher levels of edge sharpening.

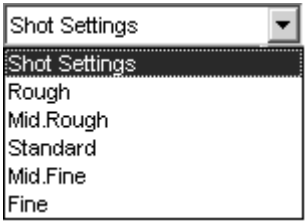
➡ The selected level is applied in the image.



Adjusting the Pattern Sharpness

Select the desired target frequency pattern from the [Sharpening Target] list box.

➡ The selected target frequency pattern is applied in the image.

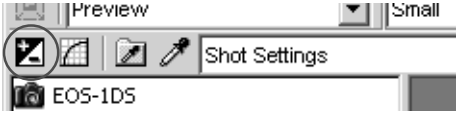


Correcting the Brightness (Digital Exposure Compensation)

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

1 Click the [Digital Exposure Compensation] button.

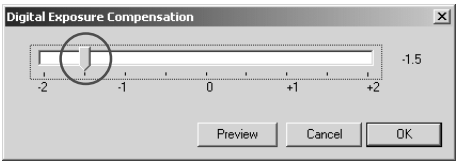
➡ The [Digital Exposure Compensation] dialog box appears.



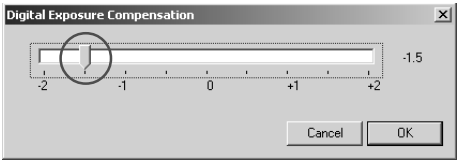
2 Correct the image brightness.

- When you drag the slider left or right with the mouse, the image brightness can be adjusted.
- The [Preview] button appears in the Preview mode. When you click the [Preview] button, the image brightness changes according to the value of the new slider position.

The [Digital Exposure Compensation] dialog box in the Preview mode



The [Digital Exposure Compensation] dialog box in the Thumbnail display mode



3 Click the [OK] button.

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

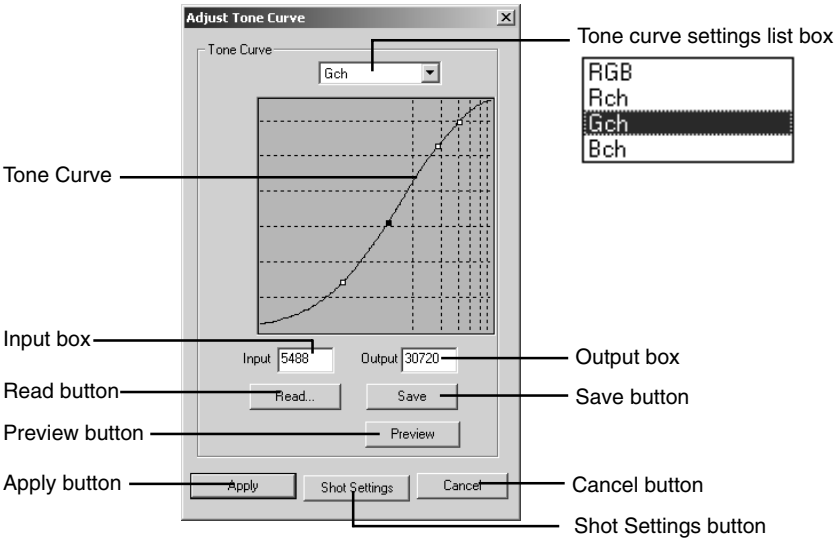
➡ The corrected value is displayed with the corrected image.

Adjusting the Color and Brightness (Adjust Tone Curve)

You can use the tone curve to adjust the colors and brightness.
You can also save and load the adjusted tone curve on your computer as tone curve data.
In addition, you can register the tone curve data saved on your computer as parameters in the camera. (→4-24)

1 Click the [Adjust Tone Curve] button.

➡ The [Adjust Tone Curve] dialog box appears.

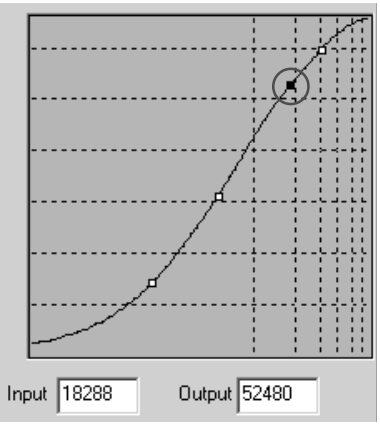


2 From the [Tone curve settings] list box, select the channel you want to use.

RGB: The same settings are used for all RGB channels.
Rch: The settings are used for the red channel.
Gch: The settings are used for the green channel.
Bch: The settings are used for the blue channel.

3 Adjust the tone curve.

- Position the mouse cursor over one of the 4 points <□> on the tone curve, and drag the point to the desired location to adjust the tone curve.
  Horizontal axis: Input level
  Vertical axis: Output level
- Adjusted points are shown with <■>.
- You can also set the points being adjusted by entering values directly into the [Input] and [Output] boxes.



4 Press the [Preview] button.

➡ The adjusted image is shown in the Preview window.

5 Check the settings on the image.

- Check the adjusted image shown in the Preview window and repeat steps 3 and 4 to make further adjustments.
- Clicking the [Shot Settings] button restores the settings to the values used when the shot was taken.
- Clicking the [Save] button saves the adjusted tone curve on your computer. Select the destination folder and then save the tone curve data. You can then register the saved tone curve on the camera using parameter setting. (→4-24)
- You can load the tone curve data saved on your computer by clicking the [Read] button.

6 Click the [Apply] button.

- This applies the adjusted tone curve to the image and closes the [Adjust Tone Curve] dialog box to end the procedure.

- When the [Linear] checkbox is clicked in the [RAW Image Processing settings] tab sheet in the [Preferences] dialog box, tone curve adjustment cannot be performed. (→3-40)
- Once you have adjusted the tone curve for channel G, you can then apply the settings of channel G to all the channels by selecting [RGB] in the [Tone curve settings] list box.
- **Windows/Macintosh compatibility for tone curve data**
  Tone curve data saved on your computer is compatible between Windows and Macintosh.

Tone Curve

A tone curve shows the brightness and color saturation for the original image (input) and the adjusted image (output) in the form of a line graph. You can use the tone curve to adjust the image brightness and color saturation values that were set by the camera when the shot was taken. Also, by using the tone curve to adjust an image, you can tailor the image to the particular color reproduction characteristics of your monitor or printer so that you obtain the most faithful color reproduction.
The tone curve adjustment options include [RGB], which adjusts the input and output for the entire image in a single operation, as well as the [Rch], [Gch] and [Bch] settings that adjust each color individually. You can use the [Tone curve settings] list box to switch between the different channels as you make your adjustments.
The horizontal axis shows the brightness and color saturation for the unadjusted (input) image, with the left-hand end indicating shadow (darker areas of the image) and the right-hand end indicating highlights (brighter areas of the image).
The vertical axis shows the brightness and color saturation for the adjusted (output) image, with the lower end indicating shadow and the upper end indicating highlights.

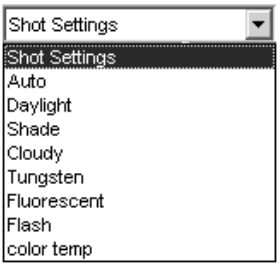
Adjusting the White Balance

You can adjust the white balance in your RAW images.
You can also save the adjusted white balance on your computer as white balance data. (→3-28) In addition, you can register the white balance data saved on your computer as personal white balance data in the camera. (→4-29)

Select the White Balance

Select the white balance from the [White Balance] list box.

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



White Balance	Details	Color temp./K (Kelvin)
Shot Settings	Select this option to apply the white balance setting used when the shot was taken.	–
Auto	File Viewer Utility automatically adjusts the white balance.	Approx. 3000 to 7000
Daylight	Select this setting for shots taken outdoors in sunny weather.	Approx. 5200
Shade	Select this setting for shots taken outdoors in shade.	Approx. 7000
Cloudy	Select this setting for shots taken outdoors in cloudy weather or in shade, at dusk and for shots of sunsets.	Approx. 6000
Tungsten	Select this setting for shots taken in incandescent lighting.	Approx. 3200
Fluorescent	Select this setting for shots taken in fluorescent white lighting.	Approx. 4000
Flash	Select this setting for shots taken using a flash.	Approx. 6000
color temp	Select this option to directly set a value between 2800K and 10000K (in 100K increments) as the white balance color temperature. (→3-26)	Approx. 2800 to 10000

➡ The adjusted image appears.

Setting the Color Temperature

You can set the white balance 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 adjusted image appears.

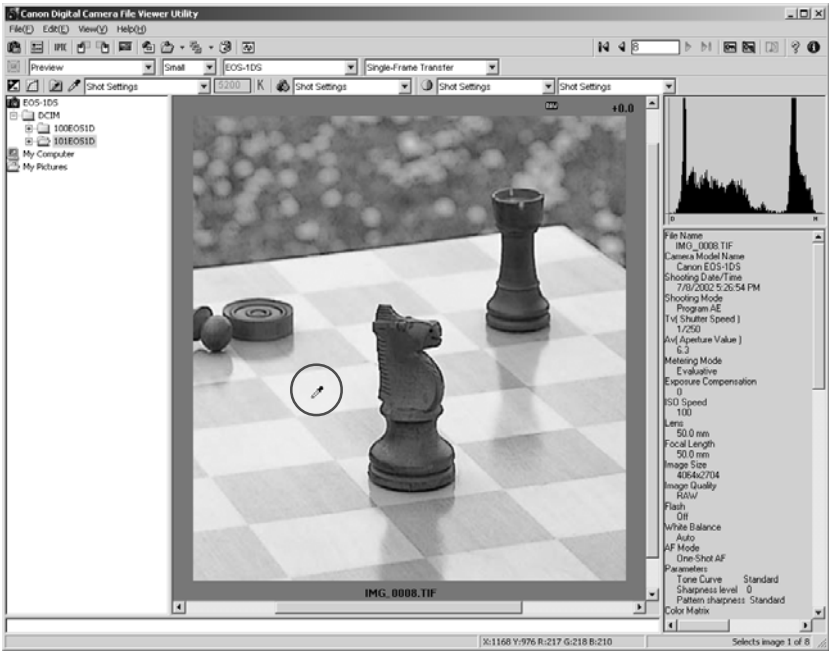
Click White Balance Function

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 a filler.

2 Click in a white area in the image.



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

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

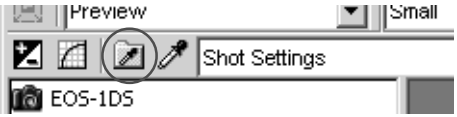
When you use Click White Balance Function, [White Point] is displayed in the [White Balance] list box.

Saving the White Balance

You can save the adjusted white balance settings on your computer as white balance data. You can then register the saved white balance data on your camera as personal white balance settings. (→4-29)

1 Click the [Save White Balance Settings] button.

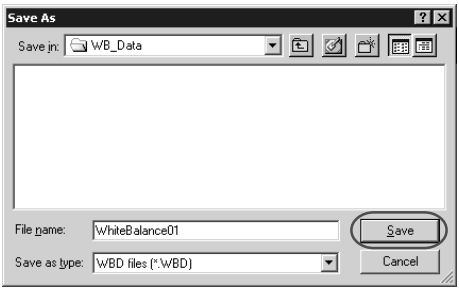
➡ The [Save As] dialog box appears.



2 Enter the settings a name and click the [Save] button.

➡ Select the destination folder and then save the white balance data.

● You can also register the saved white balance data as a personal white balance on the camera. (→4-29)



Windows/Macintosh compatibility for white balance data
White balance data saved on your computer is compatible between Windows and Macintosh.

Setting the IPTC Information

IPTC stands for International Press Telecommunications Council and refers to a standard for communications and information exchange tags attached to images. The standard was established by newspaper and communications companies to allow problem-free transmission of images.
The IPTC tags can be attached to the RAW images taken with the camera. The owner's name and the date/time data is automatically included in the IPTC information as part of the data specified in the camera setup functions settings in the [Basic Settings] tab sheet in the [Camera Settings] dialog box. (→4-3) The specified IPTC information can also be saved or read on your computer.

1 Select a RAW image for which the IPTC information is set. (→3-12)

2 Click the [IPTC information] button.

➡ The [IPTC information] dialog box appears.

3 Select an item and specify the information.

- Click the desired IPTC information tab to display the tab sheet.
- Enter the information and press the <Enter> key.
- If multiple images are selected, use the [<Previous] and [Next>] buttons to switch between images.
- After using the [<Previous] and [Next>] buttons to switch between images, you can copy the IPTC information entered for the previous image by clicking the [Go Back] button.
- Click the [Clear] button to clear all the settings.

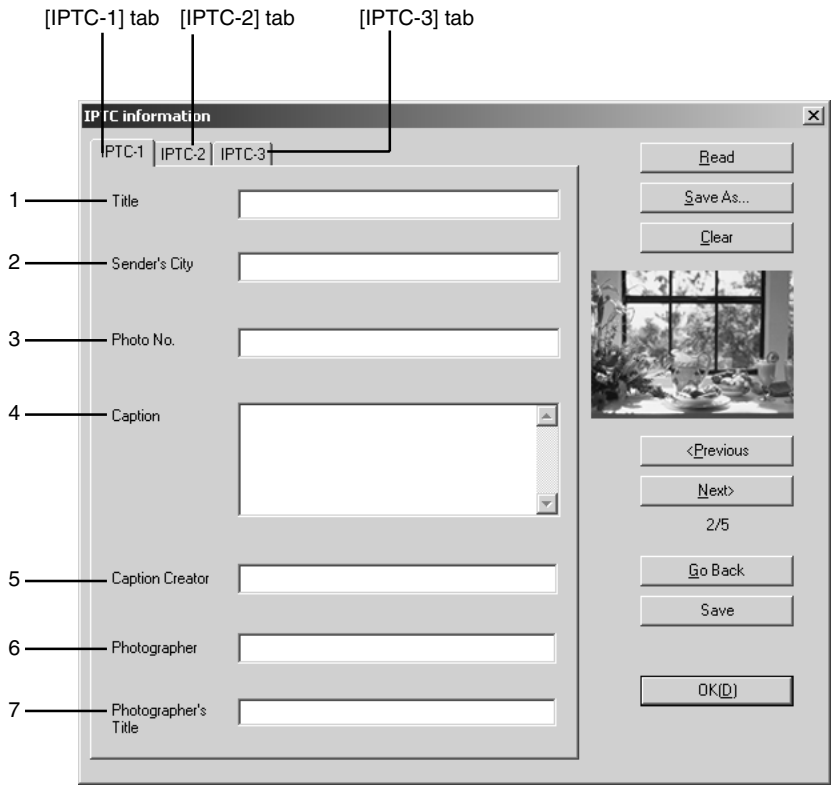
4 Click the [Save] button.

➡ The specified IPTC information is applied to the image.

- Clicking the [Save As] button saves the specified IPTC information on your computer.
- Click the [Read] button to read the IPTC information saved on your computer.

5 Click the [OK] button.

➡ The specified IPTC information is applied to the image, the [IPTC information] dialog box closes and the procedure ends.



● **The settings you can specify in the [IPTC-1] tab sheet are described below.**

1 Enter an image title. You can enter up to 64 characters.

2 Enter the location from which the image is sent. You can enter up to 32 characters.

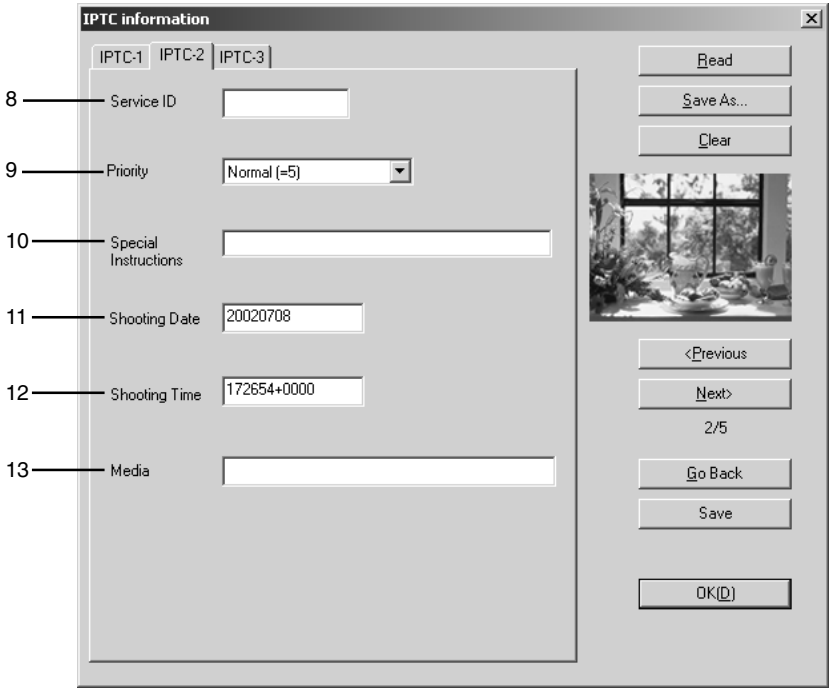
3 Type in a number or code designated by the company sending the image. You can enter up to 32 characters.

4 Type in a description of the photographed image. You can enter up to 2000 characters.

5 Type in the name of the person who wrote the caption. You can enter up to 32 characters.

6 Type in the photographer's name. You can enter up to 32 characters.
When the name of the camera owner is specified (→4-4), this name is entered automatically.

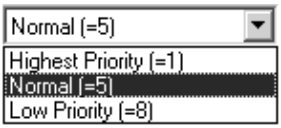
7 Type in the photographer's title. You can enter up to 32 characters.



- **The settings you can specify in the [IPTC-2] tab sheet are described below.**

8 Enter a service ID up to 10 characters long.

9 Select the appropriate priority level from the list box. (1: Highest Priority, 5: Normal, or 8: Low Priority)

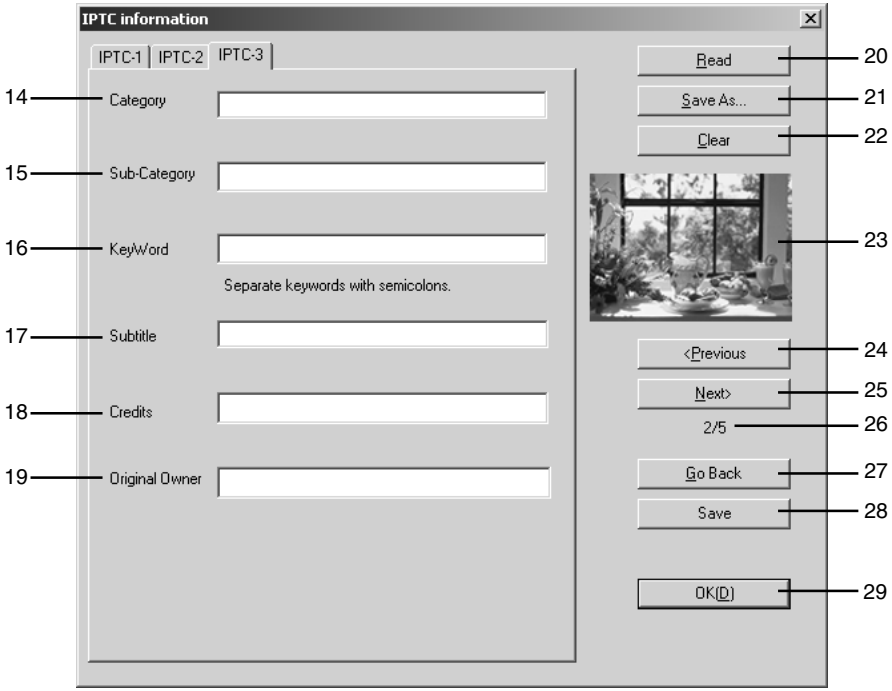


10 Type in any instructions required for editing. You can enter up to 256 characters.

11 The date on which the image was photographed is automatically entered.

12 The time at which the image was photographed is automatically entered.

13 Enter the name of the device used to create the image data. You can enter up to 32 characters.



● **The settings you can specify in the [IPTC-3] tab sheet are described below.**

14 Enter the image type. Image types can be designated for each company. You can enter up to 3 characters.

15 Enter additional category details. You can enter up to 32 characters.

16 Enter a search keyword for each company. You can enter up to 32 characters.

17 Enter the image subtitle. You can enter up to 256 characters.

18 Enter the credits for a photographed image. You can enter up to 32 characters.

19 Enter the original owner of the image. You can enter up to 32 characters.
When the name of the camera owner is specified (→4-4), this name is entered automatically.

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

20 Reads IPTC information settings saved on your computer.
21 Saves the current IPTC information settings on your computer.
Select the IPTC information destination folder and then save the IPTC information.
22 Clears the IPTC information. This button also clears the information in the tab sheets not currently shown.
23 Displays the image thumbnails.
24 When multiple images are selected, this button displays the IPTC information for the previous image.
25 When multiple images are selected, this button displays the IPTC information for the next image.
26 Shows the sequential position of the displayed image and the total number of frames.
27 Copies the IPTC information values entered before the [<Previous] or [Next>] button was clicked.
28 Applies the specified IPTC information to the image.
29 Applies the specified IPTC information to the image, closes the [IPTC information] dialog box and ends the procedure.

Windows/Macintosh compatibility for IPTC settings data
IPTC settings data saved on your computer is compatible between Windows and Macintosh.

Saving Images

This section explains how to save images stored on a CF card in the camera via the interface cable 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. (→3-12)**

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 **Click the [Browse] button.**

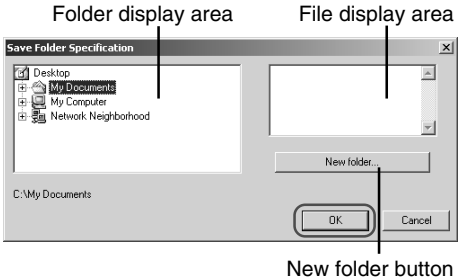
➡ The [Save Folder Specification] dialog box appears.

4 **Select a folder.**

- Select the folder that the images will be saved in from the folder display area and click the [OK] button.

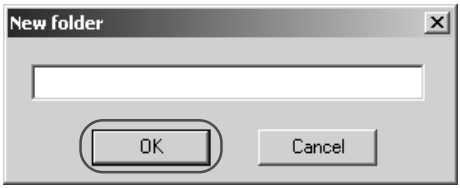
➡ The image files in the selected folder are displayed in the file display area.

Save Folder Specification dialog box



➡ Clicking the [New folder] button opens the [New folder] dialog box.

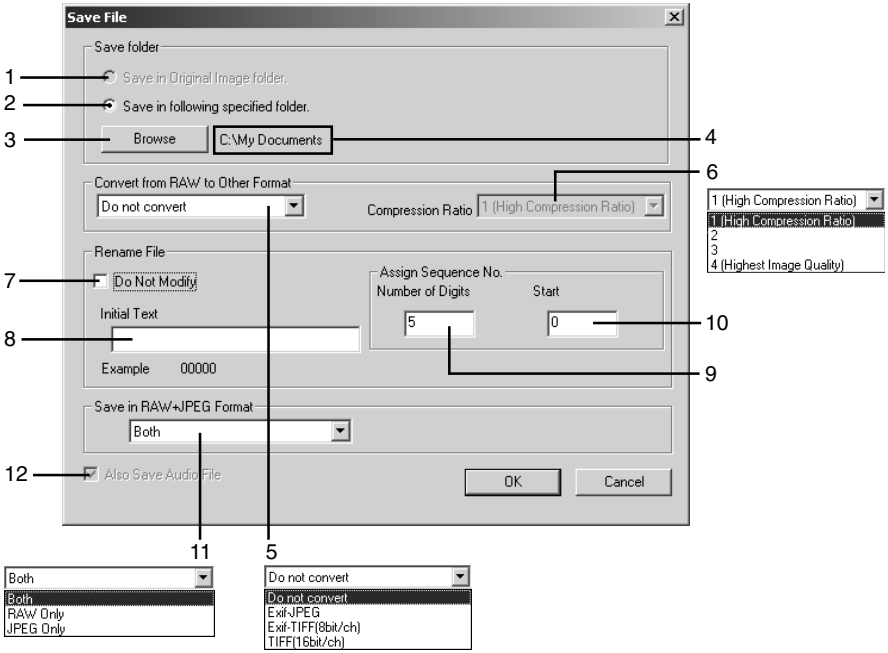
● You can create a new folder inside the selected folder by entering the folder name and clicking the [OK] button.



5 Set the save options 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	_.TIF
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 (→3-40) 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 in the file number.

10 Specifies the first file number.

11 You can select this option when the images to be saved include images that were recorded simultaneously in RAW+JPEG formats. You can choose to save the images in [Both] RAW and JPEG formats, in [RAW Only] or in [JPEG Only].

12 When the image files to be saved include images with sound, this option can save the sound files with the respective 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.

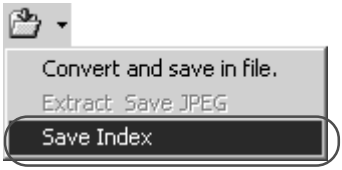
Saving Images as Index File

You can save multiple images as an index file on your computer.

1 Select images to be saved as an index. (→3-12)

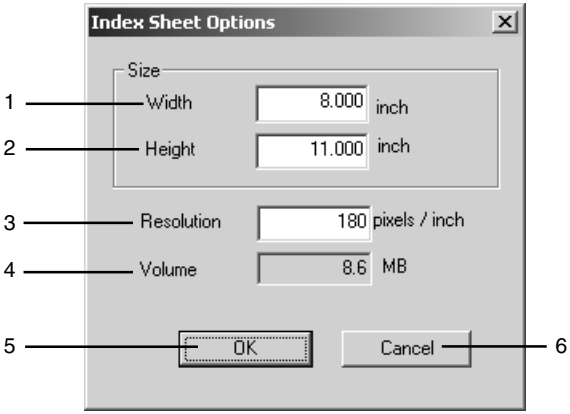
2 Click the [Save File] button and select [Save Index] from the menu that appears.

➡ The [Index Sheet Options] dialog box appears.



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

Index Sheet Options dialog box

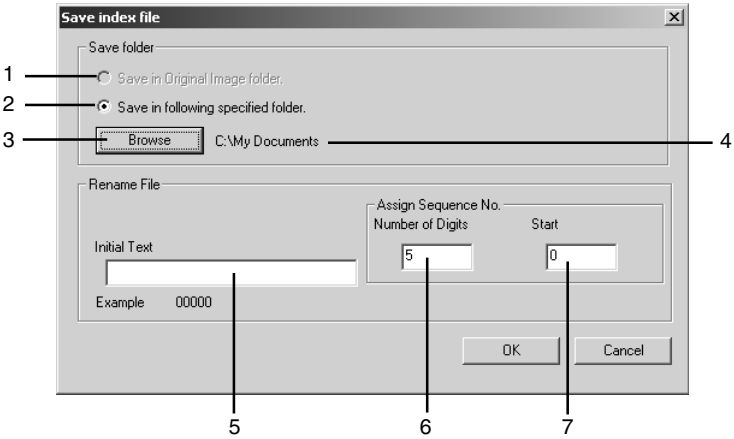


1 Enter the width of the index sheet to be created.
2 Enter the height of the index sheet to be created.
3 Enter the resolution of the index images.
4 Indicates the projected image file size based on the specified width, height and resolution.
5 The settings are applied and the [Index Sheet Options] dialog box closes.
6 Cancels the index sheet options settings.
➡ The [Save index file] dialog box appears.

4 Specify the save options and click the [OK] button.

➡ The images are saved as the 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 in the file number.

7 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.

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.

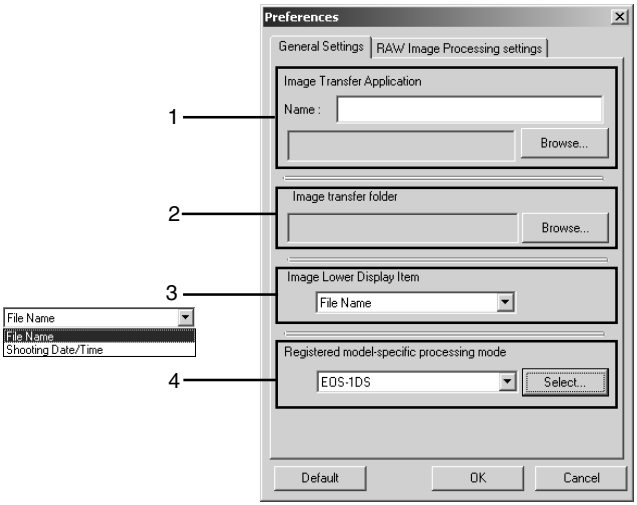
2 Select the [General Settings] tab or the [RAW Image Processing settings] tab.

➡ The selected tab sheet appears.

3 Specify the desired settings and then 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.**

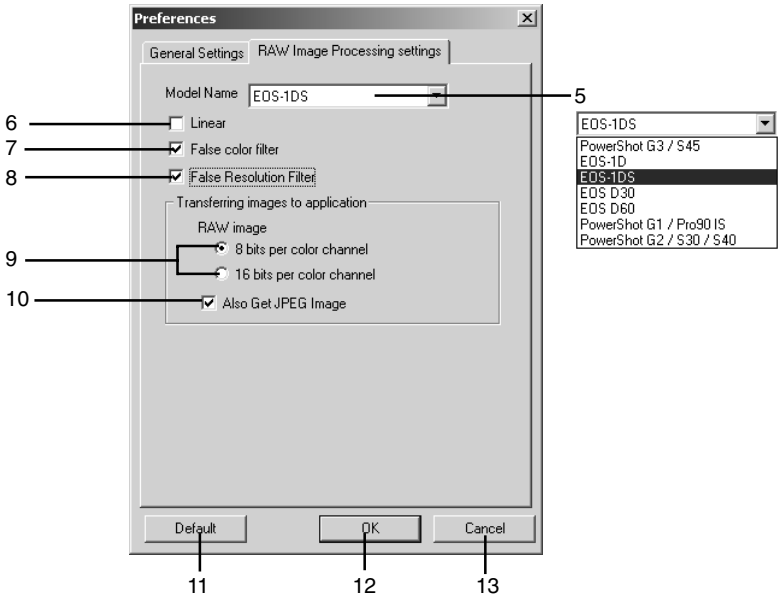
1 When you click the [Transfer Images] button (➞3-4, 3-44), the retouching software (third-party product) to which the image will be transferred is specified. (➞3-42)

2 Specify the folder for saving the image to be transferred to the retouching software. (➞3-42)

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

4 You can add or erase model-specific processing modes to be displayed in the [Model-specific processing mode] list box (➞3-3, 3-7). You can add the model-specific processing mode if you click the checkbox of the camera to be added and click the [OK] button on the [Select model-specific processing mode] dialog box displayed by clicking the [Select] button. If you clear the checkbox, the model-specific processing mode is erased.

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-1DS] is selected in the [Model Name] list box.

5 Select [EOS-1DS].

  * The camera models selected in [Registered model-specific processing mode] in the [General Settings] tab sheet are displayed in the model name list.

6 You should select this option when you want to perform the linear processing on an image. If you select this option, the tone curve adjustment (→3-22) cannot be performed.
Since the linear processing is performed on the tone curve adjustment, there is little image degradation as a result and you can make your own fine adjustments to the chroma in the retouching software.

7 Clicking this checkbox neutralizes false colors.

8 Clicking this checkbox neutralizes false resolution.

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

10 Clicking this checkbox ensures that both the RAW and JPEG images are transferred when you transfer an image in the RAW+JPEG format. If you clear this checkbox, only the RAW image is transferred.

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

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

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

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

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

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.**
- **Be sure to make the image transfer settings before transferring images.**

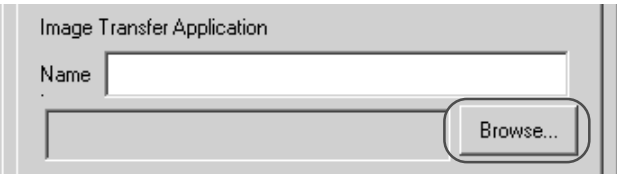
Specifying the Image Transfer

Before transferring images, it is necessary to specify the retouching software to which images will be transferred and the folder for saving the images to be transferred. The descriptions given here show how to transfer images to the bundled application, Adobe Photoshop 5.0 LE, as an example.

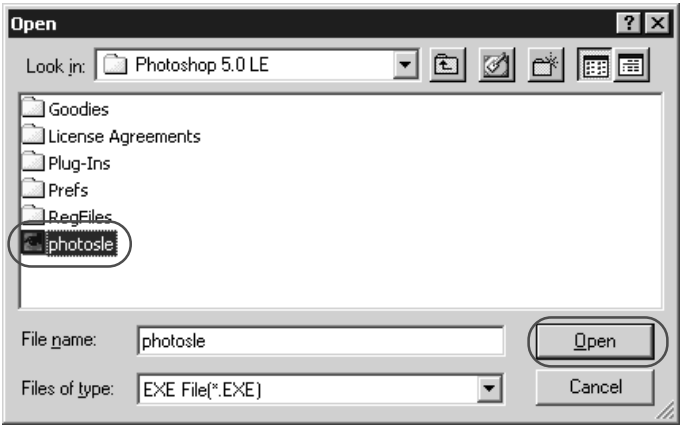
1 Display the [General Settings] tab sheet in the [Preferences] dialog box. (→3-39)

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

➡ The [Open] dialog box appears.



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

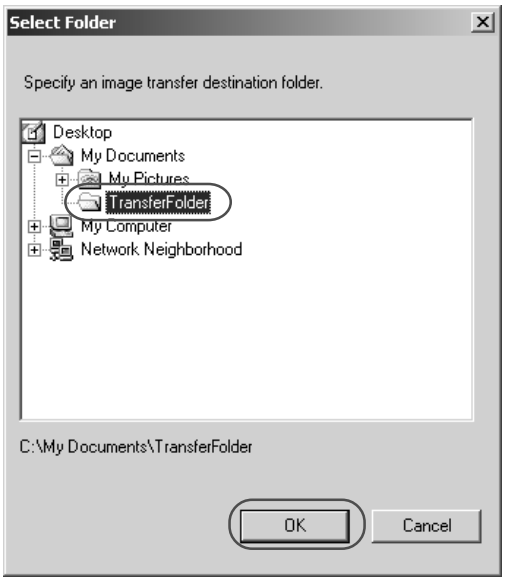


➡ Photoshop 5.0 LE is specified as the retouching software to which images will be transferred and then the [General Settings] tab sheet appears.

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

➡ The [Select Folder] dialog box 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, the [Preferences] dialog box closes, and the procedure ends.

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 the bundled application, Adobe Photoshop 5.0 LE, 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” (→3-42).

1 Select images to be transferred. (→3-12)

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.

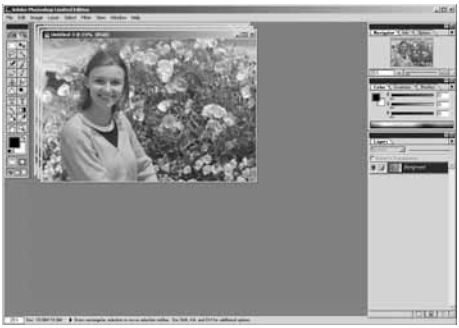
- For information on how to make settings in the [Index Sheet Options] dialog box, refer to step 3 in “Saving Images as Index File” (→3-37).

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

➡ Photoshop 5.0 LE starts and the image is transferred.

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

- Display an image transferred with [Single-Frame Transfer].



- Display images transferred with [Transfer as Index Image].

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.

4

Specifying Camera Settings from Your Computer

This chapter describes basic settings such as Owner's Name and Date/Time, as well as detailed settings such as the Personal Functions, Parameters and Personal White Balance.

Specifying the Camera Settings

In the Camera Settings dialog box, you can specify Basic Settings such as Owner's Name, and Date and Time, and you can also use the Personal Functions and Parameters to specify Detailed Settings of the camera functions.

Basic Settings

Use the procedure described here to apply the owner name and date/time settings to the camera. The owner name, and date and time that were applied on the camera are recorded with the photographed images and also used as IPTC information (→3-29).
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.

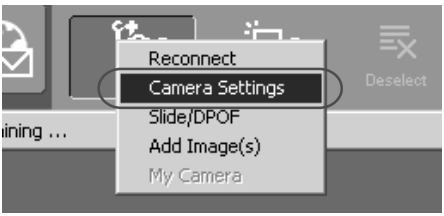
- To display this dialog box from File Viewer Utility, click the [Camera Settings] button in the main window.

- To display this dialog box from the WIA Driver, select [EOS-1DS] in Windows Explorer, and then select [Properties] from the [File] menu.

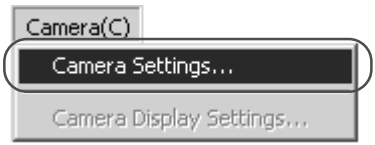
➡ The [EOS-1DS Properties] dialog box appears.

- Select the [Camera Settings] tab, and then click the [Camera Settings] button.

- 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 8 "Working with Images in ZoomBrowser EX" for information on how to display the Camera window.

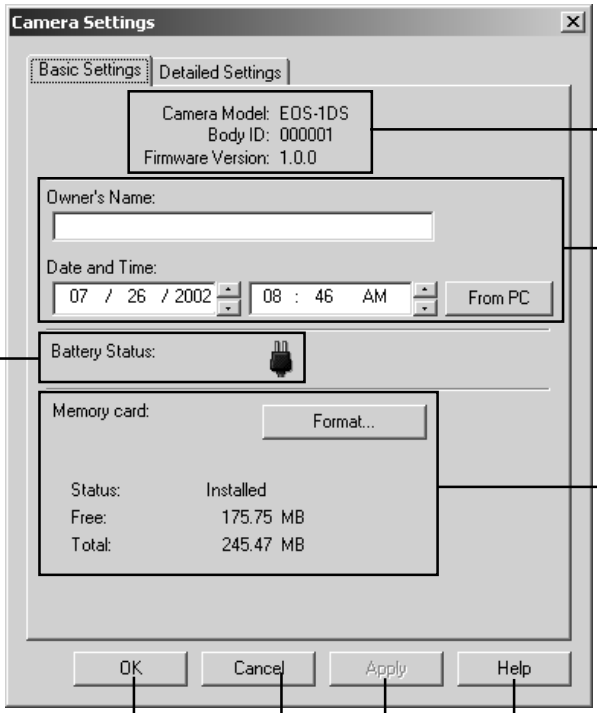


- To display this dialog box from RemoteCapture, select [Camera Settings] from the [Camera] menu in the Shooting window.



➡ The [Basic Settings] tab sheet in the [Camera Settings] dialog box appears.

Basic Settings tab sheet



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.

Opens the help window of the [Camera Settings] dialog box.

Applies the settings.

The battery level of the camera battery is indicated by [ ] or [ ]. When a household power source is used, [ ] is displayed.

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

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

Setting the Owner's Name, Date and Time

1 Enter the Owner's Name.

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

2 Set the Date and Time.

- You can click Date or Time with the mouse and use the [▲] and [▼] buttons to set the Date and Time, or you can enter the desired date or 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.

Detailed Settings

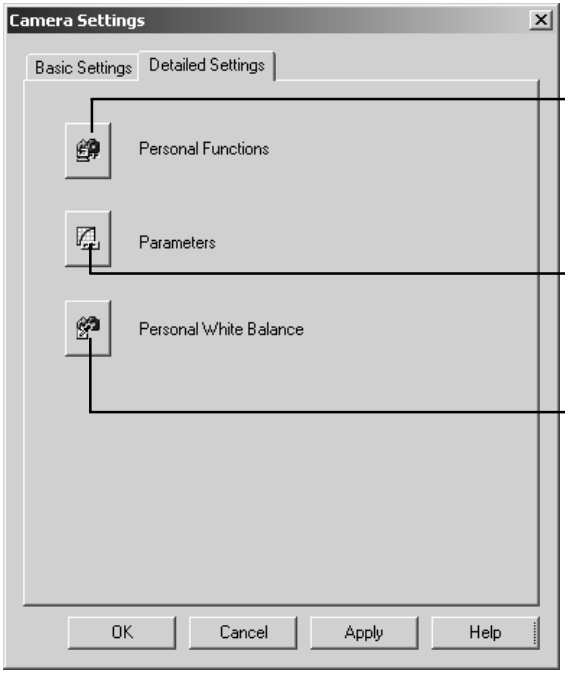
The Detailed Settings consist of the Personal Functions, parameter settings and personal white balance settings, and allow you to apply and store highly detailed settings on the camera. You can also save and load the settings for each function on your computer.

1 Click the [Detailed Settings] tab.

➡ The [Detailed Settings] tab sheet appears.

2 Click the desired settings button.

Detailed Settings tab sheet



Sets up to 25 Personal Functions and applies the settings to the camera. “Personal Function Settings” (➞4-6)

Sets the processing parameters and stores the parameter settings on the camera. “Setting the Parameters” (➞4-24)

Registers the white balance data saved on your computer on the camera. “Selecting the Personal White Balance” (➞4-29)

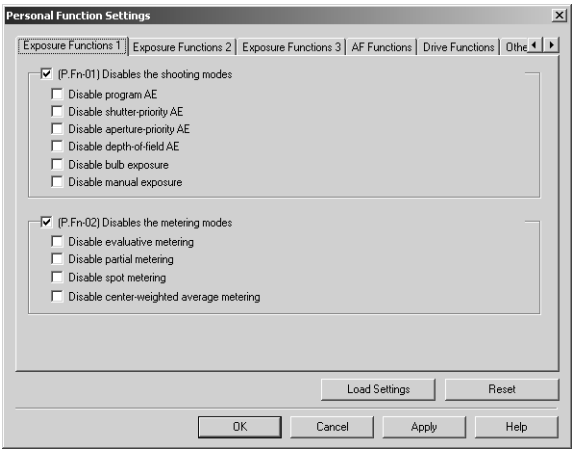
Personal Function Settings

For the EOS-1Ds, you can set up to 25 Personal Functions tailored to different types of photography and apply those function settings to the camera. The 25 Personal Functions are divided into the [Exposure Functions], [AF Functions], [Drive Functions] and [Other Functions] categories, each with their own tab sheets. There is also a [Combination] tab sheet, in which you can check the Personal Functions that are currently set up. In the [Combination] tab sheet you can also save and load the Personal Function settings on your computer.

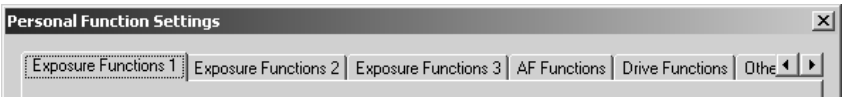
Setting Up Personal Functions

1 Click the [Personal Functions] button.

➡ The [Personal Function Settings] dialog box appears.



2 Select the desired settings tab.



➡ The display switches to the selected tab sheet.

- Clicking the [◀] / [▶] buttons can display other tabs.
- By selecting the [Combination] tab, you can check and save or load the Personal Functions that have been set up.

You can specify the Personal Function settings listed below in the different tab sheets.

[Exposure Functions 1]

P.Fn-01 Disables the shooting modes (→4-9)
P.Fn-02 Disables the metering modes (→4-9)

[Exposure Functions 2]

P.Fn-03 Specifies the metering mode for manual exposure (→4-10)
P.Fn-04 Sets the maximum and minimum shutter speeds to be used (→4-10)
P.Fn-05 Sets the maximum and minimum apertures to be used (→4-11)

[Exposure Functions 3]

P.Fn-06 Registers and switches the shooting mode and metering mode (→4-11)
P.Fn-07 Repeats bracketing during continuous shooting (→4-13)
P.Fn-08 Sets the number of shots to be bracketed (→4-13)
P.Fn-09 Changes the bracketing sequence for C.Fn-09-2/3 to increased exposure, standard exposure, and decreased exposure (→4-13)
P.Fn-10 Retains the shift amount for program shift (→4-14)

[AF Functions]

P.Fn-14 Disables focus detection (search driving) by the lens drive (→4-15)
P.Fn-15 Disables the AF-assist beam from being emitted (→4-15)
P.Fn-16 Enables automatic shooting when focus is achieved at the fixed point of focus while the shutter button is pressed fully (→4-16)
P.Fn-17 Disables automatic AF point selection (→4-16)
P.Fn-18 Enables automatic AF point selection when C.Fn-11-2 has been set (→4-17)

[Drive Functions]

P.Fn-19 Sets the continuous shooting speed (→4-17)
P.Fn-20 Limits the number of shots during continuous shooting (→4-17)
P.Fn-21 Enables quiet operation when the shutter button is OFF after picture-taking (→4-18)

[Other Functions 1]

P.Fn-23 Changes the timer's time length (→4-18)
P.Fn-24 Illuminates the LCD panel during bulb exposures (→4-19)

[Other Functions 2]

P.Fn-25 Sets the default settings when the CLEAR (QUALITY+WB) button is ON (→4-19)

[Other Functions 3]

P.Fn-27 Enables the electronic dial's function to be used in the reverse direction (→4-19)
P.Fn-28 Prevents exposure compensation with the Quick Control Dial (→4-20)
P.Fn-30 Enlargement mode (→4-20)
P.Fn-31 Add original decision data (→4-20)

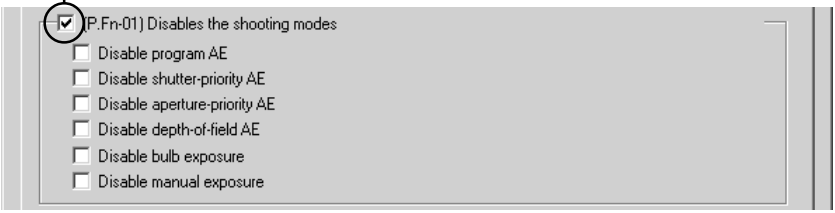
[Combination]

Allows you to check the settings (→4-21) Allows you to save the settings (→4-22)
Allows you to load the saved settings (→4-23)

* Omission of P.Fn-11, 12, 13, 22, 26 and 29
The numbers and descriptions for the Personal Functions contain some omissions due to the fact that some functions on the EOS-1V and EOS-1D are omitted on the EOS-1Ds, but the same Personal Function numbers are used on each model.

3 Set up the Personal Function.

- Select the settings you want to set by clicking the checkboxes for the respective items. Then use the appropriate method to specify the remaining settings using the radio buttons, list boxes, checkboxes and number input boxes.



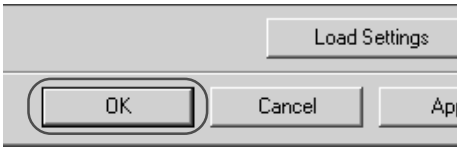
- If you enter a numerical value, values outside the valid range of settings are ignored.
- Clicking the [Load Settings] button replaces the settings with the Personal Function settings on the camera.

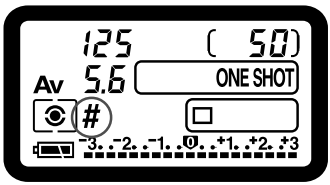
4 Repeat steps 2 and 3 to set up additional Personal Functions.

5 Apply the Personal Function Settings to the camera.

- Clicking the [OK] button applies the specified settings to the camera and closes the [Personal Function Settings] dialog box to end the procedure.
- Clicking the [Apply] button applies the specified settings to the camera without closing the [Personal Function Settings] dialog box.

➡ When a Personal Function is applied to the camera, <#> appears on the LCD panel.

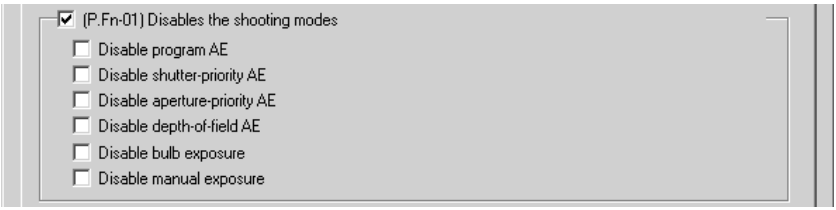




When you press the [Reset] button, the Personal Function Settings parameters are reset as follows:
- The checkboxes are cleared.
- The radio buttons, list boxes and number input boxes revert to the default values.

Description of Personal Functions

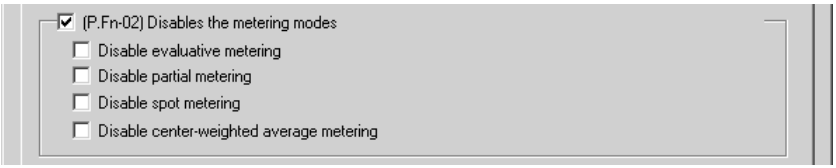
P.Fn-01 Disables the shooting modes



- Click the checkbox of the shooting modes you do not want to use.
- Unwanted shooting modes can be skipped while you are selecting the shooting mode.
- This makes selecting the desired shooting mode faster.

At least one checkbox must be left unchecked.

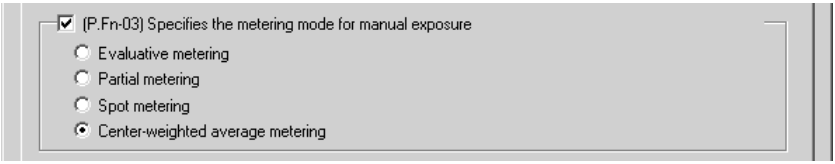
P.Fn-02 Disables the metering modes



- Click the checkbox of the metering modes you do not want to use.
- Unwanted metering modes can be skipped while you are selecting the metering mode.
- This makes selecting the desired metering mode faster.

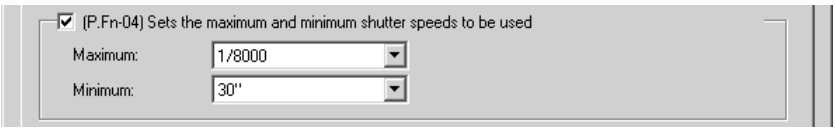
At least one checkbox must be left unchecked.

P.Fn-03 Specifies the metering mode for manual exposure



- Click the radio button for the metering mode to be used during manual exposure.
- You can specify the metering mode to be used in the manual exposure mode.
- When you set the manual exposure mode, the metering mode selected here will be set automatically. In the manual exposure mode, this enables you to use a metering mode different from the one used in the AE modes.

P.Fn-04 Sets the maximum and minimum shutter speeds to be used

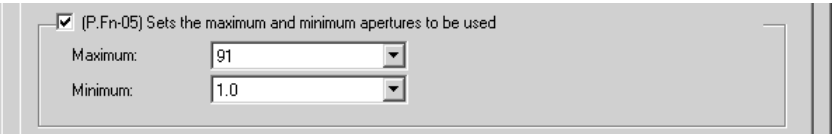


- Select the maximum and minimum shutter speeds from the list box.
- For example, if you set 1/2000 sec. as the fastest shutter speed and 1/60 sec. as the slowest, the shutter speed range will be 1/2000 to 1/60 sec.
- This makes shutter speed selection faster and prevents a slow-speed sync. in aperture-priority AE mode with the flash.

If you set the maximum and/or minimum shutter speed to one that is not a full-stop increment (such as 1/750 sec.), the controllable and settable shutter speed range might not be as exact as you set it. (A slight deviation may occur.) This applies if you also set Custom Function C.Fn-6-1 and C.Fn-6-2 and set the maximum and/or minimum shutter speed to one that is not a full-stop increment (such as 1/3200 sec.).

- To ensure that a proper flash sync speed is set in the Program AE mode, a shutter speed range of 1/200 sec. to 1/80 sec. cannot be set.
- If safety shift has been enabled (with C.Fn-16), it will override P.Fn-04's shutter speed range when necessary.

P.Fn-05 Sets the maximum and minimum apertures to be used

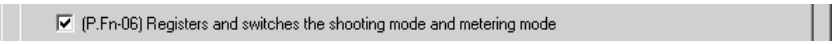


- Select the maximum and minimum apertures from the list box.
- For example, if you set 1.4 for the largest aperture and 8.0 for the smallest aperture, the usable aperture range will be f/1.4 to f/8.0.
- You can better control the apertures used by setting the range of usable apertures.

- Specify a minimum aperture value that is smaller than the maximum aperture setting. If you select a minimum aperture value that is larger than the maximum aperture, a warning message appears and the setting reverts to the default value.
- If you set the maximum and/or minimum aperture to one that is not a full-stop increment (such as f/4.5), the controllable and settable aperture range might not be as exact as you set it. (A slight deviation may occur.) This applies if you also set Custom Function C.Fn-6-1 or C.Fn-6-2 and set the maximum and/or minimum aperture to one that is not a full-stop increment (such as f/6.3).

- If the largest aperture of the attached lens is smaller than the largest aperture you set with P.Fn-05, the largest aperture will be set to the largest aperture of the lens. And if the smallest aperture of the attached lens is larger than the smallest aperture you set with P.Fn-05, the smallest aperture will be set to the smallest aperture of the lens.
- If safety shift has been enabled (with C.Fn-16), it will override P.Fn-05's aperture range when necessary.

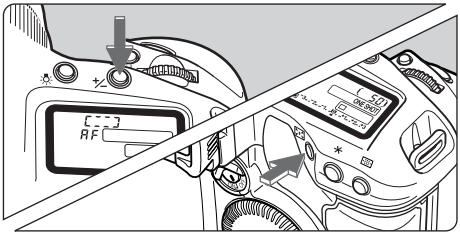
P.Fn-06 Registers and switches the shooting mode and metering mode



- While you press the < > button, you can select the preset shooting mode, exposure setting (such as the aperture for aperture-priority AE), metering mode, and exposure compensation amount.
- Select settings that are appropriate for each shooting mode.
- The modes and settings are preset with the camera.
  See "Registering the Modes and Settings with the Camera" for information on the camera procedures. (→4-12)
- Convenient when you want to instantly select the preset modes and settings to suit a particular shooting situation such as backlit or front-lit conditions.

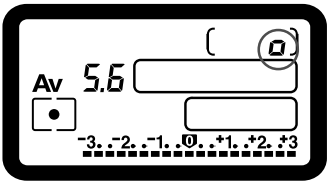
Registering the Modes and Settings with the Camera (P.Fn-06)

1 Set the desired shooting mode and shooting mode settings (aperture setting for aperture-priority AE mode). Then set the metering mode and exposure compensation amount.



2 Register the modes and settings.

- First press the < +/– > button, then press the < ⊞ > button.
  - ➡ < ◘ > appears in the LCD panel, indicating that the modes and settings have registered.
- The registered modes and settings can be modified any number of times.



To register the modes and settings, first press the < +/– > button before the < ⊞ > button. If you press the < ⊞ > button first, the camera will only select the registered modes and settings instead.

- Depth-of-field AE and bulb cannot be preset.
- You cannot select the registered modes and settings during continuous shooting.
- If P.Fn-03 has been set to specify the metering mode for manual exposure, and P.Fn-06 is used to register the manual exposure mode and a metering mode different from the one specified with P.Fn-03, you can select the metering mode specified with P.Fn-03 by pressing the < ⊞ > button.
- If P.Fn-04 and/or P.Fn-05 has been set, set the shutter speed and aperture within the range specified with P.Fn-04 and/or P.Fn-05.
- If the shooting and metering modes you want to set are excluded by the restrictions in P.Fn-01 and P.Fn-02, those Personal Functions must be disabled. For information on clearing and resetting Personal Functions, see “Clearing and Resetting Personal Functions” in the EOS-1Ds Instructions.
- Even if the shooting and metering modes selected by P.Fn-06 are excluded by the restrictions in P.Fn-01 and P.Fn-02, they are still valid for P.Fn-06.

C.Fn
- If C.Fn-4-1 or C.Fn-4-3 has been set, AF and AE will also take effect when you press the < ⊞ > button.
- When C.Fn-18 is set, P.Fn-06 is disabled.

P.Fn-07 Repeats bracketing during continuous shooting

☑ (P.Fn-07) Repeats bracketing during continuous shooting

- While you hold down the shutter button, bracketing repeats continuously in the currently selected drive mode.
- This function is useful when you want to continuously repeat the bracketing sequence.

P.Fn-08 Sets the number of shots to be bracketed

☑ (P.Fn-08) Sets the number of shots to be bracketed

Shooting frame number: 3

- Select the number of shots from the list box.
- The usual 3-frame bracketing is changed to 2-, 3-, 5-, or 7-frame bracketing.
- In bracketing shots, if you select 5-frame bracketing with 1-stop increment, the bracketing for the shots is –2, –1, 0, +1 and +2.
- If you select 5-frame white balance bracketing, the frames are shot at –10, –5, 0, +5 and +10 mireds.
- This function is useful for adjusting the range of bracketing.

- Even when the setting is outside the bracketing level display range, the exposure is compensated as specified.
- This function can be used in combination with C.Fn-09-2/3 and P.Fn-09.

P.Fn-09 Changes the bracketing sequence for C.Fn-09-2/3 to increased exposure, standard exposure, and decreased exposure

☑ (P.Fn-09) Changes the bracketing sequence for C.Fn-09-2/3 to increased exposure, standard exposure, and decreased exposure

- The bracketing sequence when C.Fn-09-2/3 is selected (decreased exposure → standard exposure → increased exposure) changes to increased exposure → standard exposure → decreased exposure.
- This function is useful when you want to start the bracketing sequence with a increased exposed frame.

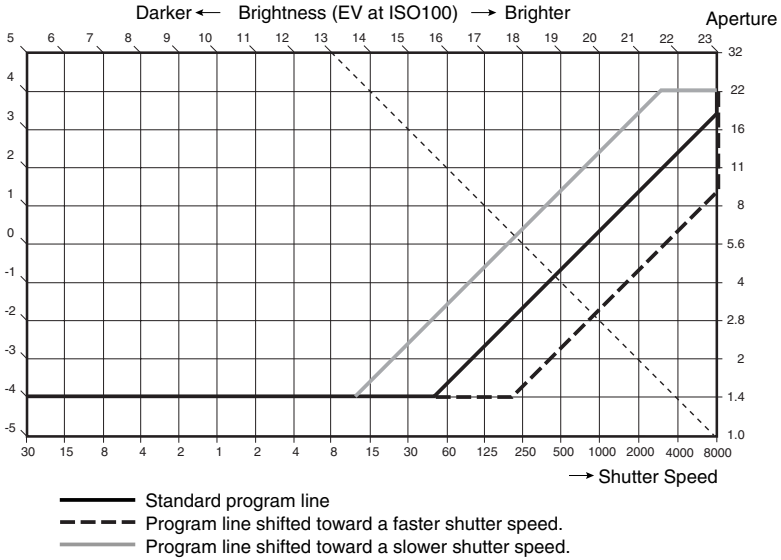
This function can be used in combination with P.Fn-08.

P.Fn-10 Retains the shift amount for program shift

☑ (P.Fn-10) Retains the shift amount for program shift

- Normally, any program shift amount is canceled after you take the picture. This Personal Function retains the program shift amount.
- This function is useful when you want to shift the standard program line so that priority is given to the shutter speed or to the aperture.

By shifting the program, you can change the shutter speed or aperture and still retain the same exposure level. Under the same brightness, you can shift the program line toward the right to set a faster shutter speed and a larger aperture (lower f/number). Or you can shift the program line toward the left to set a slower shutter speed and a smaller aperture (higher f/number).
P.Fn-10 retains the amount of program shift. Select the appropriate amount of shift for the level of priority you want to give to the shutter speed or aperture setting.



With EF 50mm f/1.4 USM lens

- The program shift amount remains in effect until you set it back to the standard program manually or replace the battery or press the <CLEAR> button.
- The shift amount is retained even after you change the lens.

P.Fn-14 Disables focus detection (search driving) by the lens drive

☑ (P.Fn-14) Disables focus detection (search driving) by the lens drive

- Normally, when you press the shutter button halfway and focus cannot be achieved, the lens is driven to search the correct focus. This lens driving operation can be turned off.
- When focus has been achieved once and refocusing fails, the subsequent lens driving operation can result in grossly inaccurate focus. This subsequent lens driving operation is turned off. P.Fn-14 is especially suited for super telephoto lenses.

If autofocusing is attempted while the lens is way out of focus, the lens may stop operating. Focus manually until the subject outline becomes discernable, then autofocus.

P.Fn-15 Disables the AF-assist beam from being emitted

☑ (P.Fn-15) Disables the AF-assist beam from being emitted

- This disables the external Speedlite's built-in AF-assist beam.
- At a joint photo session, etc., this prevents the AF-assist beam's pattern projected on the subject from being photographed by other photographers.

P.Fn-16 Enables automatic shooting when focus is achieved at the fixed point of focus while the shutter button is pressed fully

☑ (P.Fn-16) Enables automatic shooting when focus is achieved at the fixed point of focus while the shutter button is pressed fully

- This takes the picture automatically when the subject comes to the preset focusing distance. Focusing detection is performed using the selected AF point.
- Set the lens focus mode switch to MF (or M) and focus manually at the desired point of focus.
- Keep pressing the shutter button fully.
- Using an accessory like Remote Controller RS-80N3 which can lock the shutter button relieves you from holding down the shutter button while you wait for the subject.

- Because the camera remains on standby while the shutter button is fully pressed, battery power is used up more quickly. For long periods of photography, use the DC Coupler Kit.
- When this function is used in combination with a flash, the flash remains on standby at full charge. Consequently, the flash batteries are used up more quickly. (The Speedlite's SE mode is disabled.)
- When you use a flash with this function, set the drive mode to single-frame shooting. If you select continuous shooting, the flash will be unable to charge in time for successive shots and will not fire at full charge.
- If you set the drive mode to continuous shooting, set the number of shots in P.Fn-20. If you do not use P.Fn-20, once the camera focuses on the subject, continuous shooting will continue until the capacity of the CF card is reached.
- P.Fn-16 cannot be used with manual focus lenses or with lenses that are too slow to be used with autofocusing.
- Do not use this function when C.Fn-4-1/3 is set as shots will be taken regardless of whether the image is in focus.

Using an accessory like Remote Controller RS-80N3 which can lock the shutter button is recommended.

P.Fn-17 Disables automatic AF point selection

☑ (P.Fn-17) Disables automatic AF point selection

- During manual AF point selection, if you try to select an AF point beyond a peripheral AF point, the camera normally switches to automatic AF point selection. This Personal Function prevents this.
- When you select beyond the peripheral AF point, the selection stops there. It makes selecting a peripheral AF point faster.

- If C.Fn-11-2 has been set, you can switch to automatic AF point selection by pressing the < ⊞ > button during autofocusing. (→ "AF Point Selection" in the EOS-1Ds Instructions)
- If automatic AF point selection has been preset at [AF frame registration] setting, the preset setting remains valid. (→ "AF Point Registration and Switching" in the EOS-1Ds Instructions)

P.Fn-18 Enables automatic AF point selection when C.Fn-11-2 has been set

☑ (P.Fn-18) Enables automatic AF point selection when C.Fn-11-2 has been set

- Enables the standard horizonal AF point selection together with automatic AF point selection with C.Fn-11-2.
- Convenient when you want to use automatic AF point selection while C.Fn-11-2 has been set.

If P.Fn-17 [Disables automatic AF point selection] has also been set, P.Fn-17 will override P.Fn-18 to disable automatic AF point selection.

P.Fn-19 Sets the continuous shooting speed

☑ (P.Fn-19) Sets the continuous shooting speed

Continuous shooting: 3

- You can select the number of continuous shots during continuous shooting.
- By reducing the maximum continuous shooting speed, AI Servo AF continuous shooting can be more stable.

In AI Servo AF, it may not be possible to complete the selected number of continuous shots.

P.Fn-20 Limits the number of shots during continuous shooting

☑ (P.Fn-20) Limits the number of shots during continuous shooting

No. Frames for Continuous Shooting: 10

- This enables you to enter the maximum number of shots (1 to10) to be exposed during continuous shooting while the shutter button is pressed fully.
- Convenient when you do not want to shoot an unwanted scene that follows.

P.Fn-21 Enables quiet operation when the shutter button is OFF after picture-taking

☑ (P.Fn-21) Enables quiet operation when the shutter button is OFF after picture-taking

- When single-frame shooting is selected, this function selects quiet camera operation when you release the shutter button from the fully pressed position to the half way position.
- This is useful when the camera operation noise would be disturbing after you take the picture.

If you select continuous shooting, the camera operates normally.

C.Fn Setting mirror lockup with C.Fn-12 will further reduce the shooting noise.

P.Fn-23 Changes the timer's time length

☑ (P.Fn-23) Changes the timer's time length

6 sec. Timer:	6	sec
16 sec. Timer:	16	sec
Post-shutter release timer:	2	sec

- After you press and release a button, the respective function remains active for a specific number of seconds. You can change this number of seconds as necessary.
- The function's activation time can be set from 0 to 3600 sec. (1 hour).
- If the standard activation time is too short or too long, you can adjust it.

6 sec. Timer	● After you press the shutter button halfway or the <✳> button. ● Depth-of-field AE setting time.
16 sec. Timer	● FE lock time after you press the <FEL> button.
Post-shutter release timer	● Exposure setting retaining time after the picture is taken. Setting this to a longer time can make it easier to shoot with AE lock. ● LCD panel illumination time after the picture is taken.

Be aware that a longer activation time will consume more battery power. The battery life will become shorter and fewer number of shots can be taken with the battery.

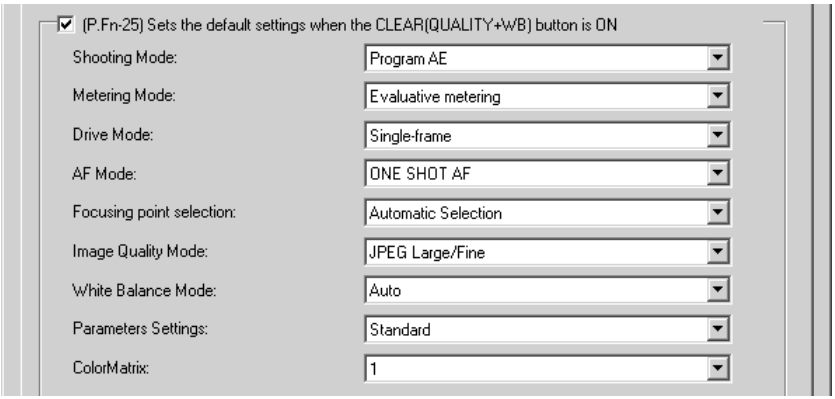
To turn off the function's activation time midway, press the <MODE> button, <AF> button or <⊙⚡> button.

P.Fn-24 Illuminates the LCD panel during bulb exposures

- After the bulb exposure starts, press the <LCD panel illumination> button to illuminate the LCD panel until the bulb exposure ends.
- Convenient when you want to monitor the elapsed bulb exposure time.

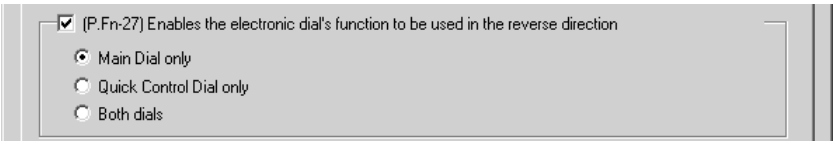
> Taking bulb shots for long periods speeds up battery charge depletion and reduces the number of available shots.

P.Fn-25 Sets the default settings when the CLEAR (QUALITY+WB) button is ON



- You can use this function to select the default mode selected when you press the CLEAR button <QUALITY+WB>.
- Convenient when you want to instantly switch to frequently-used settings.

P.Fn-27 Enables the electronic dial's function to be used in the reverse direction



- The electronic dial's rotational function can be reversed for selecting the AF point and setting the shutter speed and aperture.
- By matching the dial's rotation direction to the particular operation, the operation can feel more intuitive.

> When the <⚙> dial's rotational function is reversed, the horizontal AF point selection direction does not change.

P.Fn-28 Prevents exposure compensation with the Quick Control Dial

- The Quick Control Dial cannot be used to set exposure compensation.
- This prevents exposure compensation from being set accidentally while the AF point is being selected.

P.Fn-30 Enlargement mode

- Select which part of an image is enlarged.
- If you take the shot on the camera with this function [ON], you can enlarge an image.
- For more information on using this function on the camera, see “P.Fn-30 Enlarging the image” in the EOS-1Ds Instructions.

- If you wish to enlarge an image, set P.Fn-30 to [ON] during shooting and playback. Especially the image shot on the camera without setting P.Fn-30 to [ON] cannot be enlarged.
- The image shot on any camera other than the EOS-1Ds cannot be enlarged.

P.Fn-31 Add original decision data

- The data that shows whether or not the image is the original one can be added to the image.
- For the decision of the original image, you will need the special accessory (optional).

- The original decision data is added to the image that has been shot using RemoteCapture and saved in the CF card in the camera, but it is not added to the image that has been transferred into the computer. (→5-9)
- The original decision data cannot be added to the JPEG or TIFF image converted from the RAW image.

If you take the shot on the camera with this function [ON], it takes time to write on the CF card and the file size is increased to approx. 350 KB.

Checking, Saving, and Loading Personal Function Settings

Use the procedure below to check the details of the Personal Functions that have been set up. You can also save the settings on your computer and then load the saved settings and apply them to the camera.

Checking the Settings

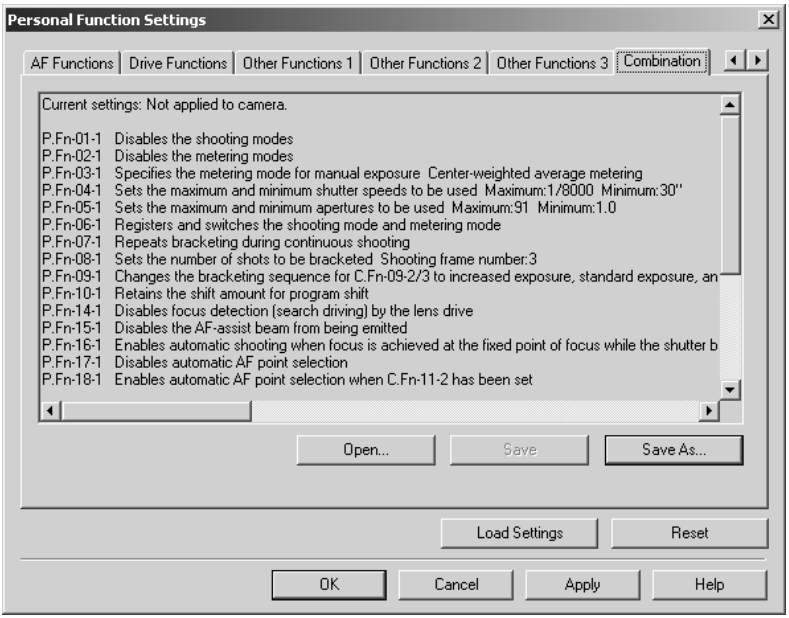
1 Select the [Combination] tab.

➡ The [Combination] tab sheet is displayed.

- You can use this tab sheet to check the Personal Function parameters currently set on your computer and check whether they have been applied to the camera.

2 If the data has not been applied, click either the [OK] button or the [Apply] button as required.

- Clicking the [OK] button applies the specified settings to the camera and closes the [Personal Function Settings] dialog box to end the procedure.
- Clicking the [Apply] button applies the specified settings to the camera without closing the [Personal Function Settings] dialog box.

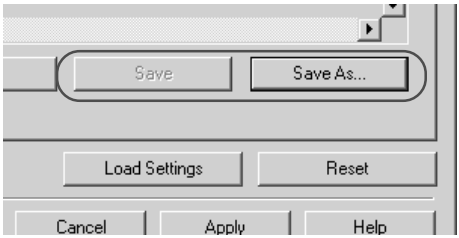


Clicking the [Load Settings] button replaces the settings with the Personal Function settings on the camera.

Saving the Settings

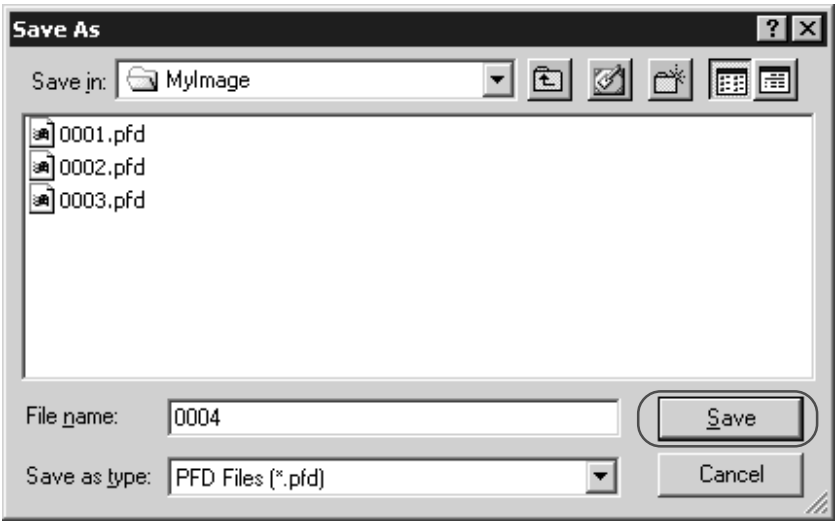
Click the [Save As] button or [Save] button.

➡ The specified Personal Function settings are saved.



➡ When you click the [Save As] button, the [Save As] dialog box appears.

● Enter the file name and select the destination folder. Then click the [Save] button.

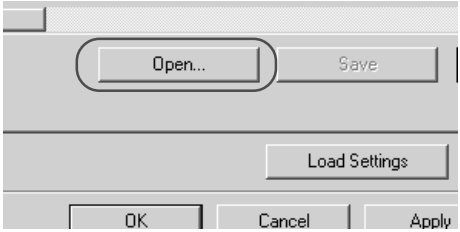


Loading Saved Settings

1 Open the saved settings.

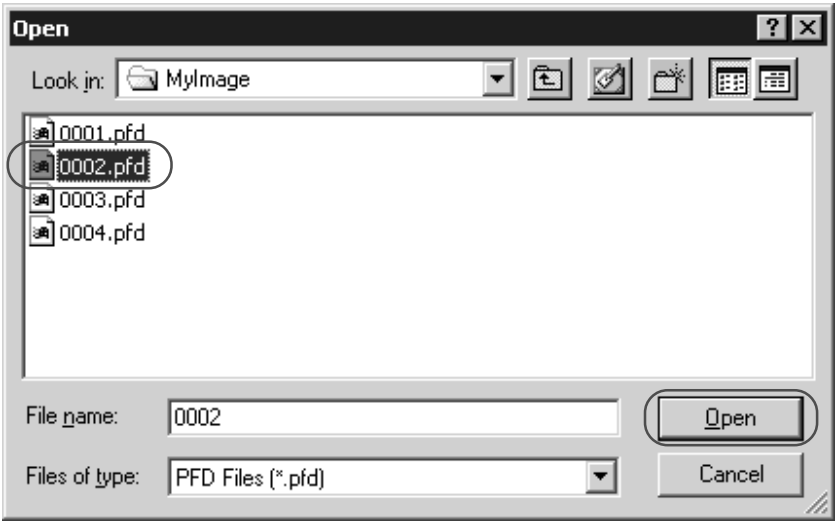
- Click the [Open] button.

➡ The [Open] dialog box appears.



2 Load the settings.

- Open the folder containing the settings, select the file and click the [Open] button.



➡ The Personal Function settings data saved in that file are loaded into the computer.

Windows/Macintosh compatibility for Personal Function settings data
Personal Function settings data saved on your computer is compatible between Windows and Macintosh.

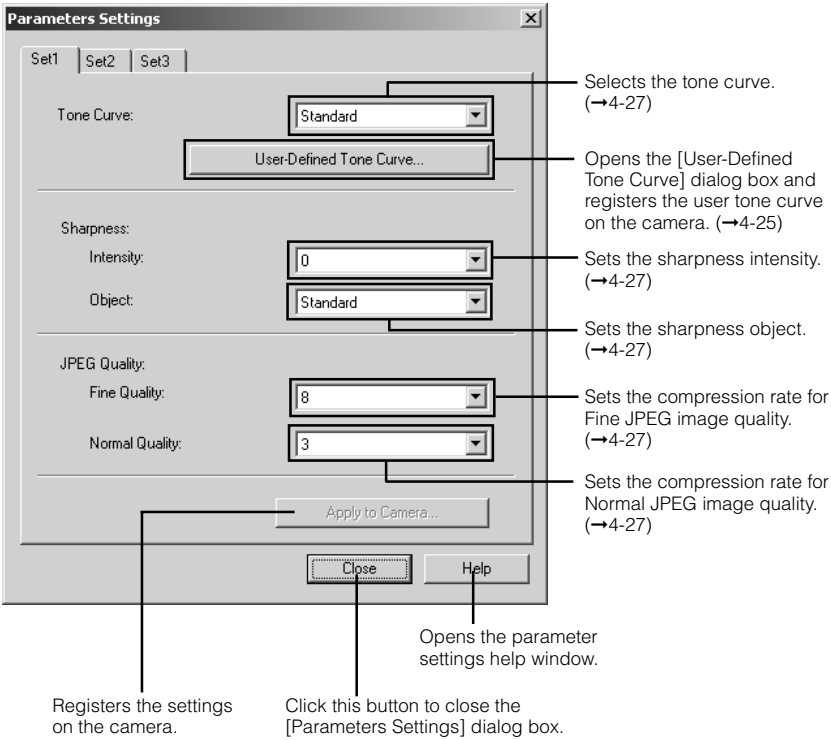
Setting the Parameters

You can set the parameters for captured images on the camera. You can register up to 3 parameters on the camera, consisting of the JPEG image quality settings, the sharpness settings and the tone curve data saved during the procedure described in “Adjusting the Color and Brightness (Adjust Tone Curve)” (➞3-22). For JPEG images, all the parameters are applied. For RAW images, only the tone curve data and sharpness setting are applied.
For more information on setting the parameters on the camera, see “Setting the Processing Parameters” in the EOS-1Ds Instructions.

Setting the Parameters

1 Click the [Parameters] button.

➡ The [Parameters Settings] dialog box appears.



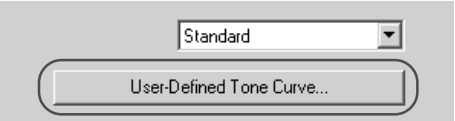
2 Select a set to be specified in the camera.

- Select the tab sheet for a set to be specified in the camera from the [Set1] to [Set3] tab sheets.

3 Click the [User-Defined Tone Curve] button.

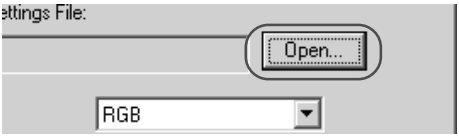
➡ The [User-Defined Tone Curve] dialog box appears.

- If you do not wish to specify the user-defined tone curve in the camera, proceed to step 9.



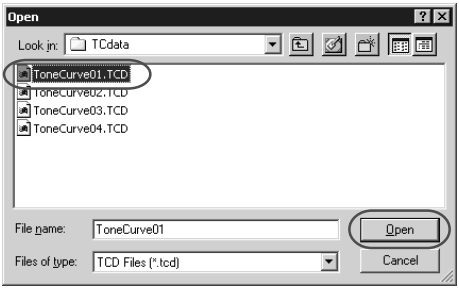
4 Click the [Open] button.

➡ The [Open] dialog box appears.

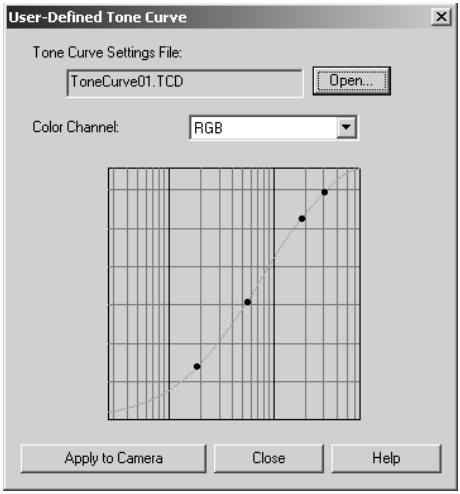


5 Load the tone curve settings file.

- Open the folder containing the tone curve settings files, select a file, and click the [Open] button.
- Save the tone curve settings files into your computer in advance. For details, refer to “Adjusting the Color and Brightness (Adjust Tone Curve)” (➞3-22).

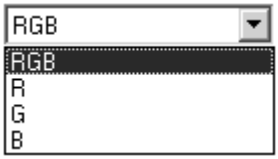


➡ The tone curve data is loaded into the [User-Defined Tone Curve] dialog box.



6 Check the tone curve.

- Select the tone curve colors to be displayed from the [Color Channel] list box and check the colors.
- You cannot adjust the tone curve at this point. Use the procedure in "Adjusting the Color and Brightness (Adjust Tone Curve)" (➞3-22) to adjust the tone curve.



7 Click the [Apply to Camera] button.

➡ The tone curve to be registered into the camera is set and the [User-Defined Tone Curve] dialog box closes.

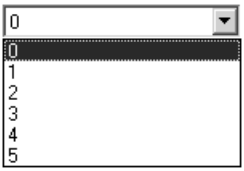
8 Select the tone curve.

- Select [Standard] or [User Defined] in the [Tone Curve] list box.

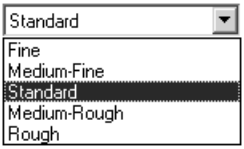
- When you select [Standard], the standard tone curve is set.
- When you select [User Defined], the tone curve that you have set in steps 3 through 7 is set.

9 Select the sharpness and JPEG image quality.

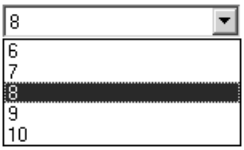
- The [Intensity] and [Object] settings are applied to both JPEG and RAW images. The [Fine Quality] and [Normal Quality] JPEG image quality settings are applied to JPEG images.



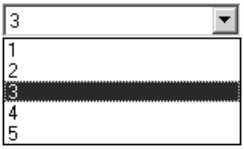
- The available [Intensity] settings are [0], [1], [2], [3], [4], and [5]. Higher values give higher levels of edge sharpening.



- The available [Object] settings are [Fine], [Medium-Fine], [Standard], [Medium-Rough], and [Rough]. If you select [Rough], the specified sharpness level is applied to subjects with a rough image pattern. If you select [Fine], the specified sharpness level is applied to subjects with a fine image pattern.



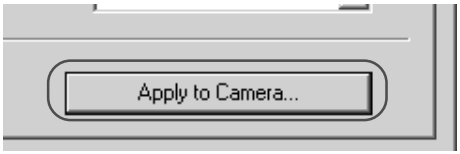
- In the [Fine Quality] setting, you can select a value of [6], [7], [8], [9] or [10]. Higher values give a lower compression ratio and higher image quality.



- In the [Normal Quality] setting, you can select a value of [1], [2], [3], [4] or [5]. Higher values give a lower compression ratio and higher image quality.

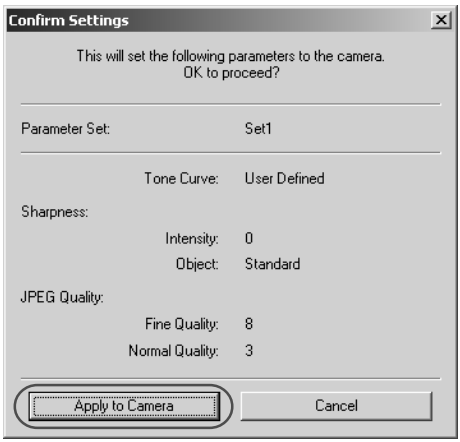
10 Click the [Apply to Camera] button.

➡ The [Confirm Settings] dialog box appears.



11 Check the settings and click the [Apply to Camera] button.

➡ The settings are registered on the camera and the [Confirm Settings] dialog box closes.



12 Click the [Close] button.

➡ The [Parameters Settings] dialog box closes to end the procedure.

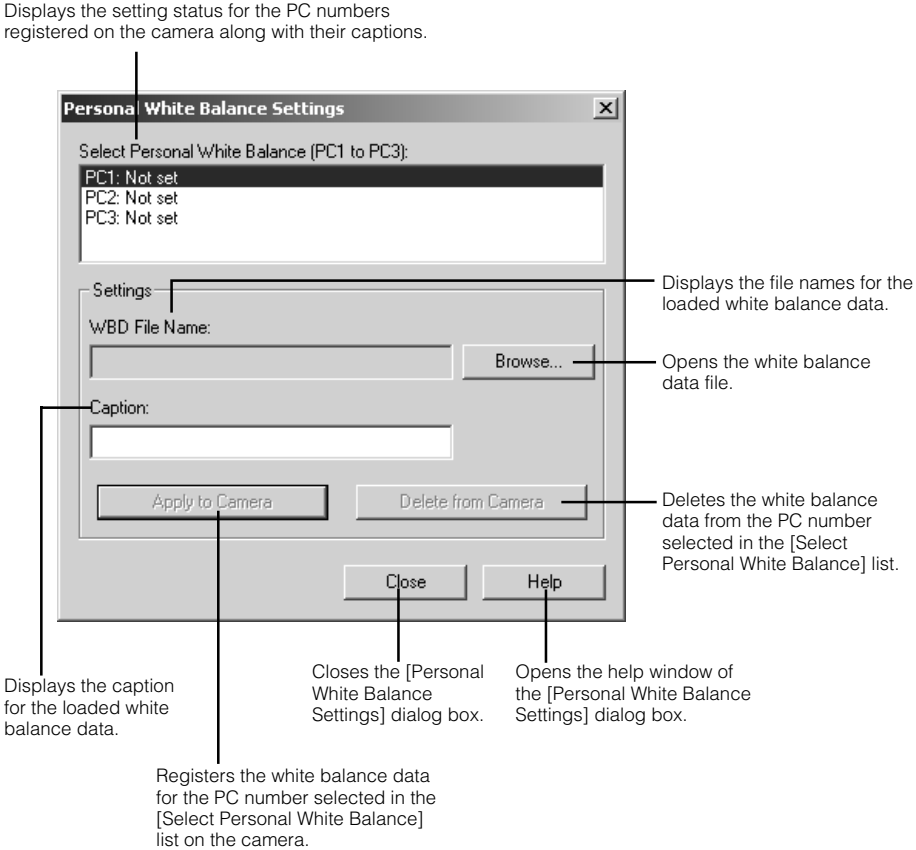
Selecting the Personal White Balance

Up to 3 personal white balance settings, consisting of the white balance data saved in the "Saving the White Balance" procedure (→3-28), can be registered on the camera. The registered personal white balance settings are displayed on the camera's rear LCD panel as <PC-1> to <PC-3> (personal custom white balance 1-3). Personal white balance settings can be applied to both JPEG images and RAW images.
For more information on setting personal white balance settings on the camera, see "Selecting Personal White Balance" in the EOS-1Ds Instructions.

Selecting the Personal White Balance

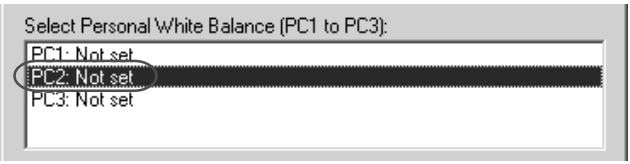
1 Click the [Personal White Balance] button.

➡ The [Personal White Balance Settings] dialog box appears.



2 Select PC number.

- Select the PC number for the data to be registered from the [Select Personal White Balance] list.

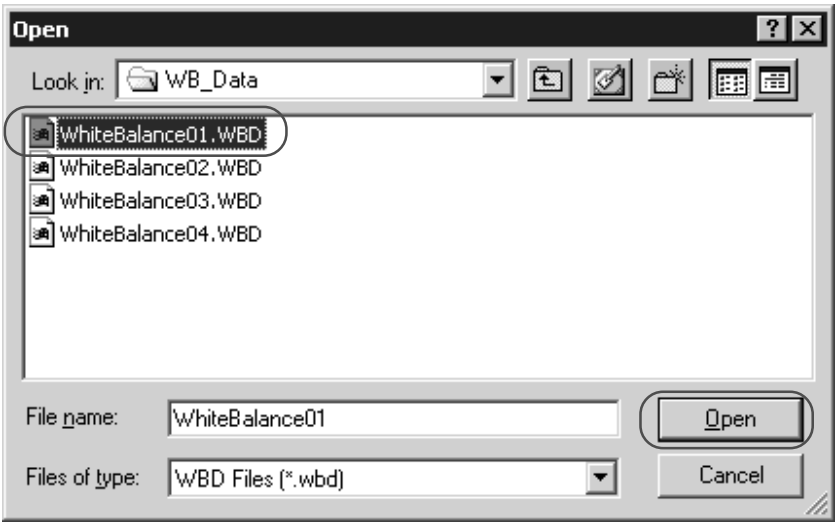


3 Click the [Browse] button.

➡ The [Open] dialog box appears.

4 Load the white balance data.

- Open the folder containing the saved white balance data, select a file and click the [Open] button.



➡ The white balance data is loaded.

5 Click the [Apply to Camera] button.

➡ The white balance data is registered on the camera.

- To register another personal white balance setting, repeat steps 2 to 5. You can register up to 3 settings (PC1, PC2 and PC3).
- To delete a registered PC setting, select the PC number from the [Select Personal White Balance] list and click the [Delete from Camera] button.

6 Click the [Close] button.

➡ The [Personal White Balance Settings] dialog box closes to end the procedure.

5

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.

Starting RemoteCapture

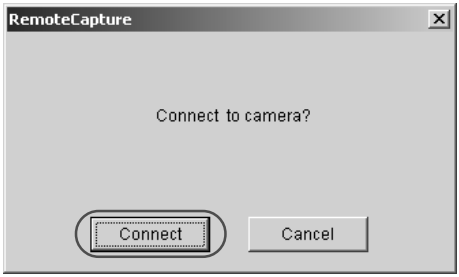
1 Click the [Start] button and select [Programs] ([All Programs] on Windows XP) ▶ [Canon Utilities] ▶ [RemoteCapture xx] ▶ [RemoteCapture].

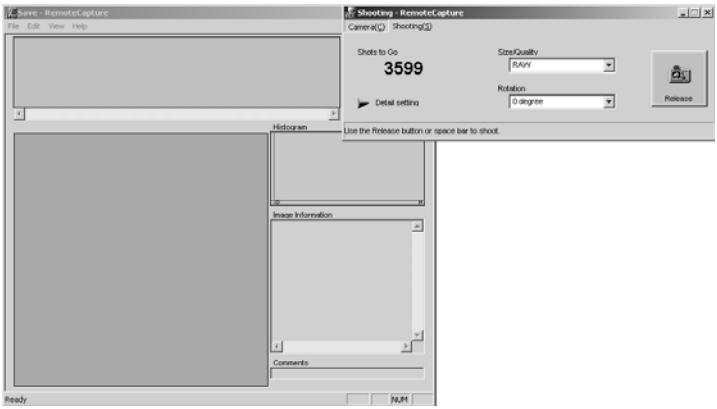
- RemoteCapture version information is displayed in xx.

➡ The [RemoteCapture] dialog box appears.

2 Click the [Connect] button.

➡ The Save window and Shooting window appear.





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

- If you use RemoteCapture to take pictures 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 pictures, there is a delay of approximately 2 seconds after you click the RemoteCapture [Release] button before the picture is actually taken.

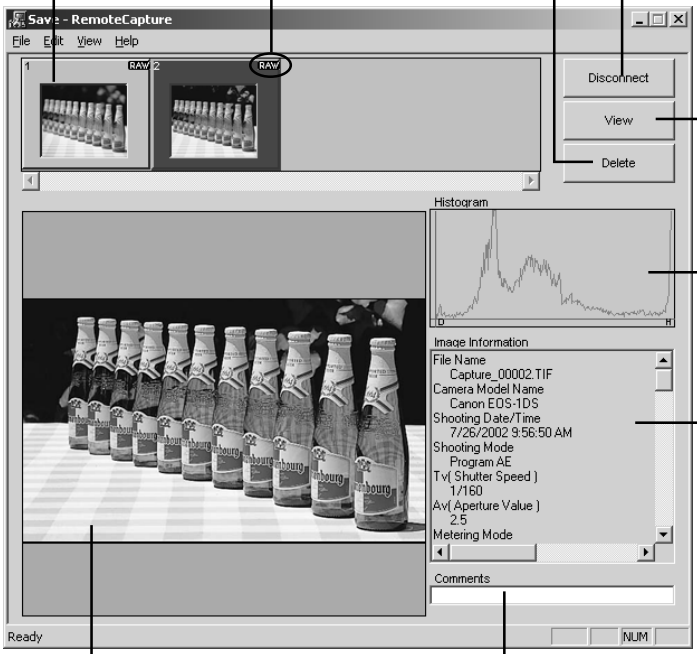
Selecting [Camera Settings] from the [Camera] menu in the Shooting window allows you to specify the camera settings. For information on how to specify the camera settings, see Chapter 4 “Specifying Camera Settings from Your Computer”.

Save window

Thumbnail view
Displays thumbnail images of the shots taken.

The [RAW] symbol is displayed for RAW images. The [RAW+JPEG] symbol is displayed for RAW+JPEG 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.

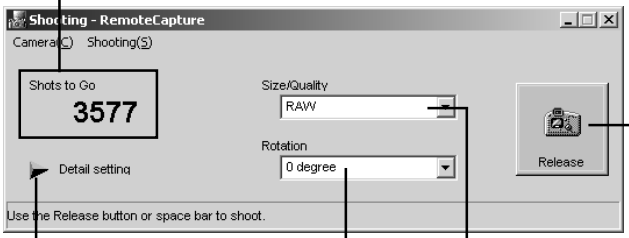
Image display area
Displays the image selected in the thumbnail view.

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

* The window above is the one on which all the information is displayed. In the actual use, only the information needed for each circumstance is displayed.

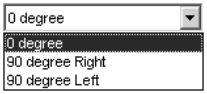
Shooting window

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

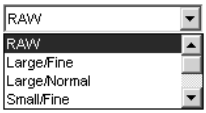


Release button
Takes a shot with the camera. The image is automatically saved on your computer.
Even when you press the shutter button on the camera, the image is saved on your computer.

Rotation list box
Rotates the image to be shot 90 degrees left or right.



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.

* The window above is the one on which all the information is displayed. In the actual use, only the information needed for each circumstance is displayed.

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.

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

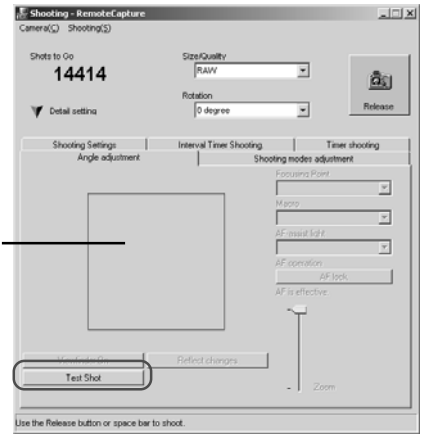
1 Set the camera up ready to shoot.

2 Make various settings.

- For information on how to set the size, image quality and image rotation, refer to “Shooting window” (→5-4).
- See “Default Settings” (→5-9) 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 the Detailed Settings window, and then click the [Test Shot] button.



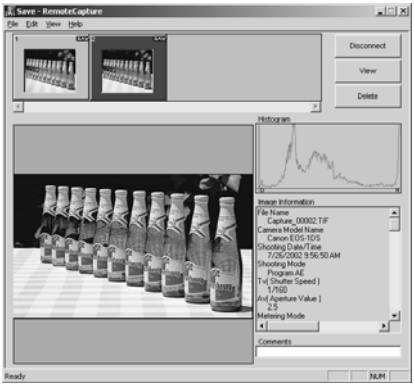
Test-shot image display area

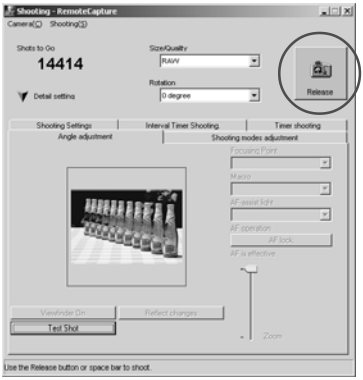
➡ The test-shot images are displayed in the test-shot image display area.

With the auto focus function, if the camera is not focused, you cannot take pictures. If you cannot take pictures with the auto focus function, focus the camera manually and then take a picture.

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.

➡ The image is displayed enlarged in a separate window.

- To delete the image, select the image and click the [Delete] button.

➡ The image is deleted.

- To load an image rotated, select [90 degree Right] or [90 degree Left] in the [Rotation] list box before clicking the [Release] button.
- 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.

Checking Shooting Settings

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

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

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

Interval Timer Shooting

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

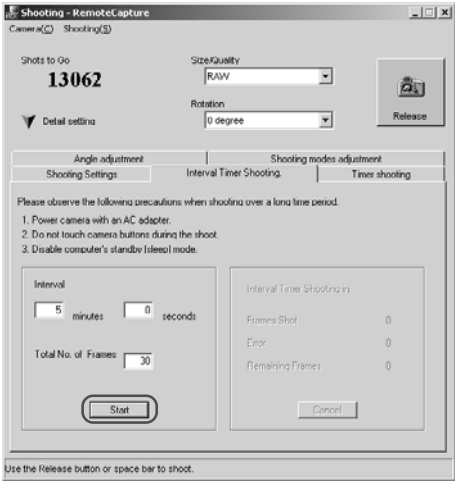
1 Click [▶] (the Detail setting button) in the Shooting window and select the [Interval Timer Shooting] tab.

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

2 Enter the shooting interval and the number of shots, and 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 computer, 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. (➞5-4)

Timer Shooting

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

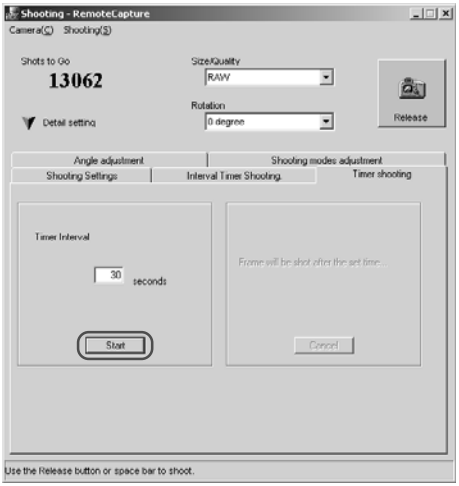
1 Click [▶] (the Detail setting button) in the Shooting window and select the [Timer shooting] tab.

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

2 Enter a number of seconds and click the [Start] button.

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

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



Printing Images

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

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

➡ The Printer Setup dialog box appears.

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

Setting RemoteCapture

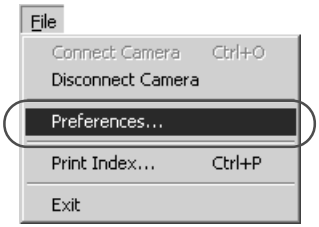
This section describes how to make various settings for using RemoteCapture. In the settings, you can specify Default Settings to save images on your computer, and you can also specify Detailed Settings to make shooting settings from your computer remotely.

Default Settings

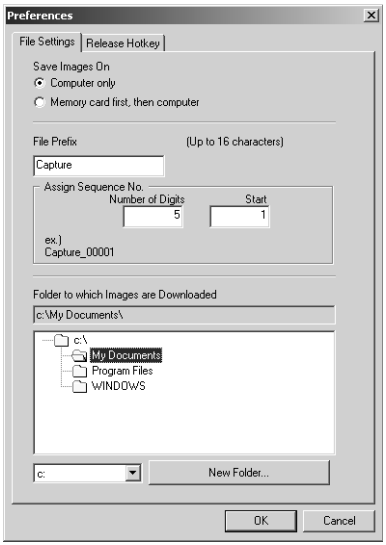
Use the procedure below to select the folder in which images will be saved and to specify the file names.

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

➡ The [Preferences] dialog box appears.



Preferences dialog box

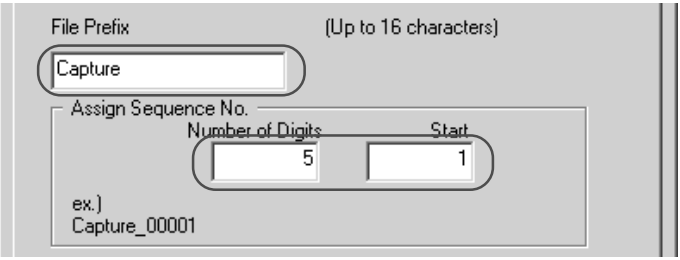


2 Select the save destination in which images will be saved.

- Click the [Computer only] or [Memory card first, then computer] radio button.

- [Computer only]
  This option allows you to take shots when there is no CF card in the camera or when the CF card is full.
- [Memory card first, then computer]
  This option saves the images both on your computer and on the CF card in the camera.

3 Enter the file name to be used when images are saved.

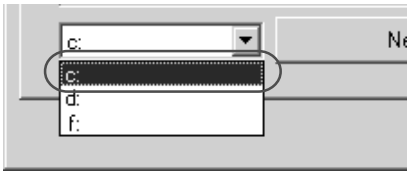


- If you enter [Capture] into [File Prefix] field, [5] into [Number of Digits], and [1] into [Start], sequential file names will be assigned automatically beginning with [Capture_00001.jpg] or [Capture_00001.tif].
- File names can include up to 16 characters.

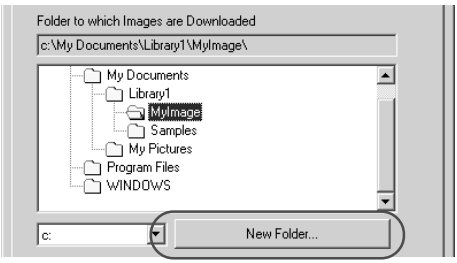
4 Select the folder in which images will be saved.

- Select the drive and then the folder to be used for saved images.

➡ The path for the selected folder appears in the [Folder to which Images are Downloaded].



- To create a new folder in which to save images, click the [New Folder] button to create a new folder inside the current folder.



5 Click the [OK] button.

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

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

Detailed Settings

You can make 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.

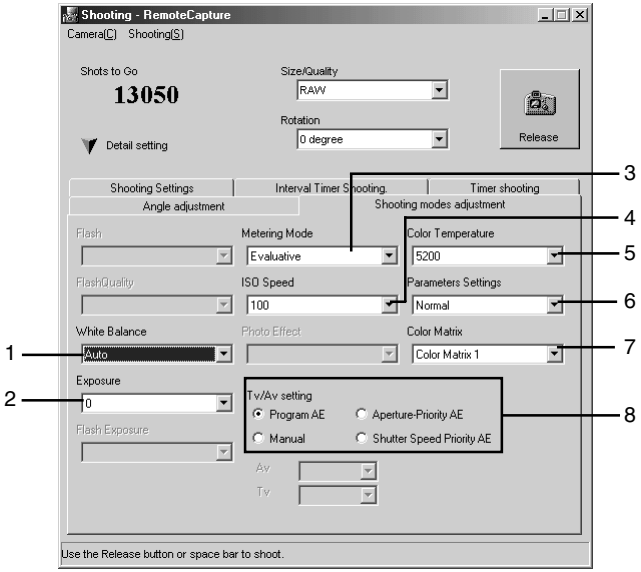
1 Display the Detailed Settings window.

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

2 Click the [Shooting Settings] tab.

➡ The [Shooting Settings] tab sheet appears.

3 Specify the desired settings.



1 Allows you to specify White Balance.
2 Allows you to perform Exposure Compensation.
(Valid only when Program AE/Av priority/Tv priority is specified in the shooting mode.)
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 Parameters.
7 Allows you to specify Color Matrix.
8 Allows you to specify the shooting mode, Av (aperture setting), and Tv (shutter speed).

4 Close the Detailed Settings window.

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

6

Downloading Images with the TWAIN Driver

The TWAIN Driver is the driver software used for Windows 98 SE and Windows 2000.
This chapter explains how to start the TWAIN Driver and how to display JPEG images stored on a CF card in the camera.
You cannot display or process RAW images with the TWAIN driver. Use File Viewer Utility described in Chapter 3 to display or process RAW images.

Starting the TWAIN Driver

The TWAIN Driver is started from a TWAIN Driver-compatible application.
The descriptions given here use the bundled application, Adobe Photoshop 5.0 LE, as an example.
If you are using TWAIN Driver-compatible application other than Photoshop 5.0 LE, refer to the User's Manuals provided with your software for information on setting up and using a TWAIN devices.

You cannot display or process RAW images with the TWAIN driver. Use File Viewer Utility described in Chapter 3 to display or process RAW images.

1 Connect the camera to your computer. (→2-2)

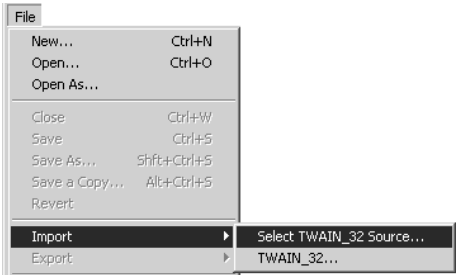
2 Start Photoshop 5.0 LE.

- Click the [Start] button and select [Programs] ▶ [Adobe] ▶ [Photoshop 5.0 Limited Edition] ▶ [Adobe Photoshop 5.0 Limited Edition].

➡ Photoshop 5.0 LE starts up.

3 Select the [File] menu ▶ [Import] ▶ [Select TWAIN_32 Source].

➡ The [Select Source] dialog box appears.

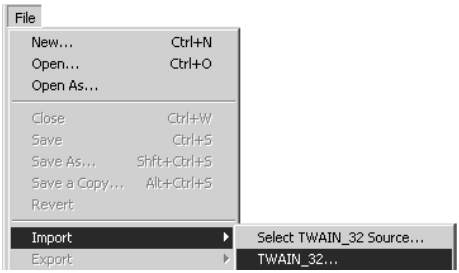


4 Select [Canon EOS-1DS] and click the [Select] button.

5 Select the [File] menu ▶ [Import] ▶ [TWAIN_32].

➡ The TWAIN Driver starts and the TWAIN Driver main window appears.

➡ The JPEG image saved on the CF card in the camera is displayed.



TWAIN Driver main window

Menu bar
Displays the [File] and [Help] menus.

Thumbnail

Image display area

● To close the TWAIN driver, select [Exit] from the [File] menu on the menu bar.

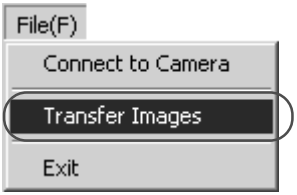
Steps 3 and 4 are not required for every operation. Only perform these steps the first time you start the driver software following installation, or when you change the setting to another TWAIN Driver.

Transferring Images to Photoshop 5.0 LE

This section describes how to transfer images to the TWAIN-compatible application (Photoshop etc.).

1 **Select an image to be transferred.**

2 **Select [Transfer Images] from the [File] menu on the menu bar.**



➡ The image transferred to Photoshop 5.0 LE is displayed.

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

7

Downloading Images with the WIA Driver

The WIA Driver is the driver software used for Windows Me and Windows XP. This chapter describes how to download images with the WIA Driver. A number of restrictions apply to the WIA Driver, including restrictions on image deletion and protection. For more information, refer to: click the [Start] button ▶ [Programs] ([All Programs] on Windows XP) ▶ [Canon Utilities] ▶ [EOS-1DS WIA Driver] ▶ [WIA Driver Readme].

Downloading Images

You can download images using a wizard, Explorer or the WIA TWAIN.

Downloading with the Scanner and Camera Wizard

Follow the Wizard's on-screen messages to download images to the computer. Note that you cannot download RAW images using the [Scanner and Camera Wizard]. To download RAW images, use Windows Explorer. (See "Downloading with Windows Explorer" (→7-3).)

1 Connect the camera to your computer. (→2-2)

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

➡ If you are using Windows XP, the [EOS-1DS] dialog box appears. Select [Microsoft Scanner and Camera Wizard], and then click the [OK] button. The [Scanner and Camera Wizard] dialog box appears.

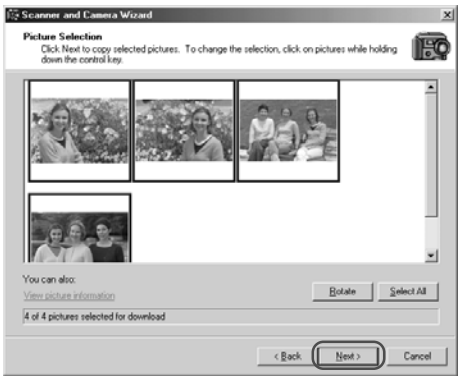
2 Click the [Next] button.

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

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 image save destination window in the [Scanner and Camera Wizard] dialog box appears.



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

- The selected images will be downloaded to the specified folder. If you do not specify a folder, they are saved by default to the [My Pictures] folder within the computer's [My Documents] folder.

Downloading with Windows Explorer

Images can be downloaded to the computer with Windows Explorer just as you would copy any other file. RAW images can also be downloaded this way.

1 Connect the camera to your computer. (→2-2)

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

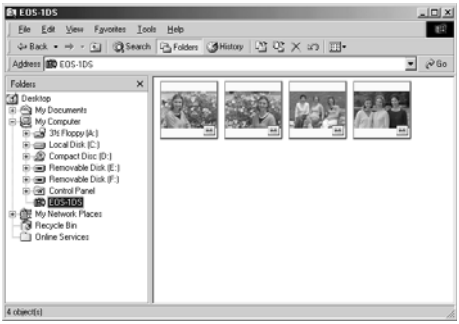
➡ If you are using Windows XP, the [EOS-1DS] dialog box appears.

2 Click the [Cancel] button.

3 Start Windows Explorer and select [EOS-1DS].

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

➡ 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
  When you select and right-click an image in Explorer and then select [Save] from the menu that appears, the [Browse for Folder] dialog box appears. Click on the folder to be used to save the images and click the [OK] button. The image files and their thumbnails are then saved in the selected folder.
- Download by Dragging and Dropping
  Select an image in the Explorer window, drag it to the target folder and drop it.

Processing RAW Images with Windows Explorer

Use the procedure below to start File Viewer Utility from Windows Explorer and process RAW images.

1 Select a RAW image.

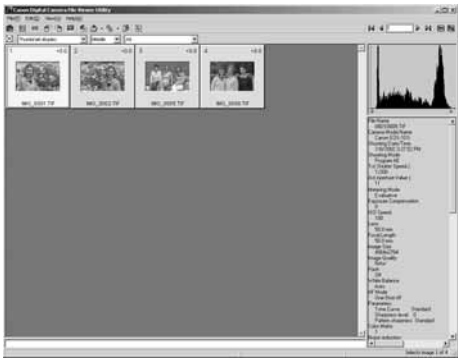
- Select a RAW image displayed in Windows Explorer.

2 Right-click on the selected RAW image and select the [Convert] from the menu that appears.

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

3 Process the RAW image.

- See “Processing RAW Images” (→3-18) for information on how to process RAW images.



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

- If you start File Viewer Utility from Windows Explorer, the functions of File Viewer Utility that you can use are limited. 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, sound playback, etc. cannot be used.
- When you select [Properties] from the [File] menu, and click the [Camera Settings] button in the [Camera Settings] tab sheet in the displayed [EOS-1DS Properties] dialog box, you can specify the camera settings on the displayed dialog box. See Chapter 4, “Specifying Camera Settings from Your Computer” for information on how to specify the camera settings.

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 the bundled application, Adobe Photoshop 5.0 LE, as an example.

1 Connect the camera to your computer. (→2-2)

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

➡ If you are using Windows XP, the [EOS-1DS] dialog box appears.

2 Click the [Cancel] button.

3 Start Photoshop.

- Click the [Start] button and select [Programs] ([All Programs] on Windows XP) ▶ [Adobe] ▶ [Photoshop 5.0 Limited Edition] ▶ [Adobe Photoshop 5.0 Limited Edition].

4 Select the [File] menu ▶ [Import] ▶ [Select TWAIN_32 Source].

➡ The [Select Source] dialog box appears.

5 Select [WIA-EOS-1DS xx] and click the [Select] button.

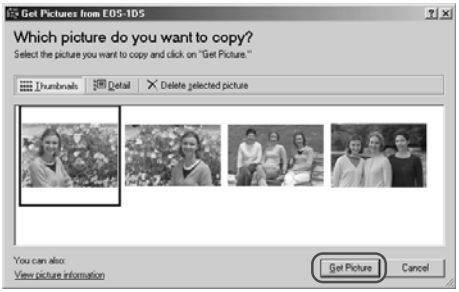
- WIA Driver version information is displayed in xx.

6 Select the [File] menu ▶ [Import] ▶ [TWAIN_32].

➡ The [Get Pictures from EOS-1DS] dialog box appears.

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

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



RAW images will not be displayed in the WIA TWAIN. Accordingly, RAW images cannot be downloaded with this method. To download RAW images, use Windows Explorer. (See “Downloading with Windows Explorer” (➞7-3).)

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.

8

Working with Images in ZoomBrowser EX

This chapter explains how to use ZoomBrowser EX to perform a range of operations from downloading the camera's images to printing them.

Starting ZoomBrowser EX

1 Connect the camera to your computer. (→2-2)

➡ If you are using Windows Me, the [Scanner and Camera Wizard] dialog box appears. Click the [Cancel] button to close the displayed dialog box, and then proceed to step 2.

2 Click the [Start] button and then select [Programs] ([All Programs] on Windows XP) ▶ [Canon Utilities] ▶ [ZoomBrowser EX] ▶ [ZoomBrowser EX] to start ZoomBrowser EX.

- You can also start ZoomBrowser EX by double-clicking the [ZoomBrowser EX] icon on the desktop.

➡ The ZoomBrowser EX main window appears.

3 Click [Camera & Memory Card] and [Browse & Download Images].

- This will display the Camera window.

➡ The images on the CF card will display in the Camera window as thumbnails.

- If multiple PC card readers loaded with CF cards are connected or if a camera and a PC card reader are connected, a selection dialog will appear before the Camera window opens. Select one of the devices to proceed.

If you are using Windows XP, when you connect the camera to the computer, the [EOS-1DS] dialog box appears. Selecting [Canon ZoomBrowser EX] and clicking the [OK] button starts ZoomBrowser EX and displays the image saved on the camera in the Camera window. If you have already connected the camera to the computer or you wish to display the image from the card reader, follow the procedure above to start ZoomBrowser EX.

The ZoomBrowser EX Window

When you start ZoomBrowser EX, the ZoomBrowser EX main window appears. Then, when the connection to the camera opens, the Camera window appears.

For more information on using ZoomBrowser EX, refer to the ZoomBrowser EX Help menu or PDF manual, ZoomBrowser EX Software User Guide.

Main Window

ZoomBrowser EX's main window features various buttons and an image display area. This section introduces the names and functions of the various window parts.

Folders Area
Select image folders here. As in Windows Explorer, you can view the contents of the folders.

Function Buttons

Task Buttons

Browser Area
Displays the images contained in the folder selected in the Folders area. Double-clicking an image shows it at a larger size.

Task Buttons

Select a procedure you wish to carry out from those below. When you click a button, an additional menu of functions will display.

- **[Camera & Memory Card] Button**
  Use this to display the Camera window. Clicking this button opens the menu with options such as [Browse and Download Images], [Upload Images], [My Camera Settings] and [Remote Shooting].

- **[Print] Button**
  Use this to print an image. Clicking this button opens the menu with options such as [Layout Print] and [Index Print].

- **[View & Modify] Button**
  Use this to view or edit images. Clicking this button opens the menu with options such as [View as a Slide Show], [Process RAW Images], [Edit Image] and [Stitch Photos].

- **[Internet] Button**
  Use this button to attach an image to an e-mail message. Clicking this button opens the menu with the [Email Images] option.

Function Buttons

The following functions can be performed on images selected in the Browser Area.

- **[View Mode] Button**
  Switches between the Zoom Mode and Scroll Mode to suit your requirements.

  Zoom Mode
  When a folder has been created within a folder, this mode can be used to display all the images within the nestled folder. Selecting the magnifying glass (+ or –) then clicking within a folder or on an image in the Browser Area changes the size at which an image is displayed or the folder level. You can also zoom up by double-clicking an empty part of the Browser Area or the tab of a folder name.

Scroll Mode

Displays the images in the selected folder only at a large, easy-to-view size. When there are more images than can fit in the Browser Area, scroll bars appear at the right of the Browser Area. When a folder has been created within a folder, it shows in the higher-level folder as a folder icon only.

- **[Thumbnail Size] Button** (Scroll mode only)

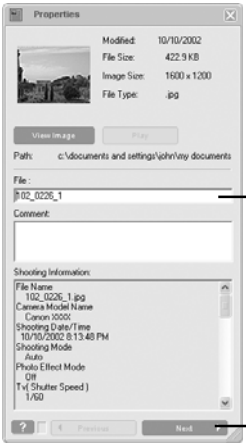
  Selects the size at which images are displayed in the Browser Area.

- **[View Image] Button**

  Displays the selected image in the Viewer window.

- **[Properties] Button**

  Displays information for the selected image as follows.



You can change the file name or comment.

Switch between images with this button when more than one image is selected.

If you select an image in the Browser Area while the Properties window is open, the information in the window switches to the contents of the selected image.

- **[Rotate] Button**

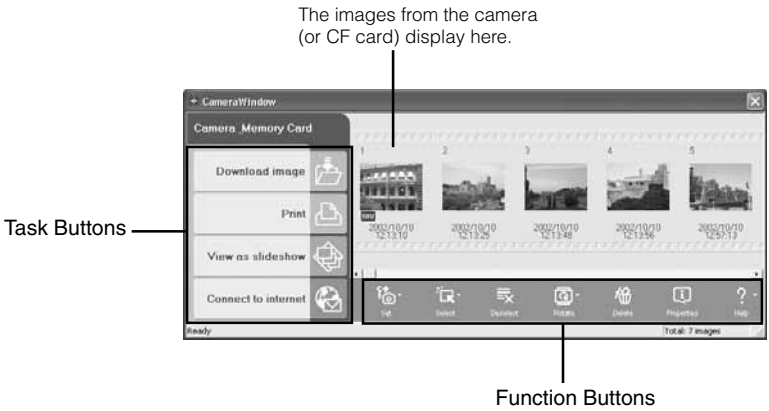
  Rotates selected images.

- **[Delete] Button**

  Deletes selected images.

Camera Window

This section provides a brief introduction of the names and functions of the Camera window parts.



Task Buttons

Select a procedure you wish to carry out from those below.

- **[Download Image] Button**
  Downloads selected images to the computer.

- **[Print] Button**
  Automatically starts the printing process after downloading the selected images to the computer.

- **[View as Slideshow] Button**
  Automatically starts a slide show after downloading the selected images to the computer.

- **[Connect to Internet] Button**
  Automatically attaches the selected images to a mail message after downloading them to the computer.

Function Buttons

These buttons perform the following functions on the selected images.

- **[Set] Button**
  Adjusts the settings for connecting to cameras.

- **[Select] Button**
  Selects images.

- **[Deselect] Button**
  Deselects images.

- **[Rotate] Button**
  Rotates selected images.

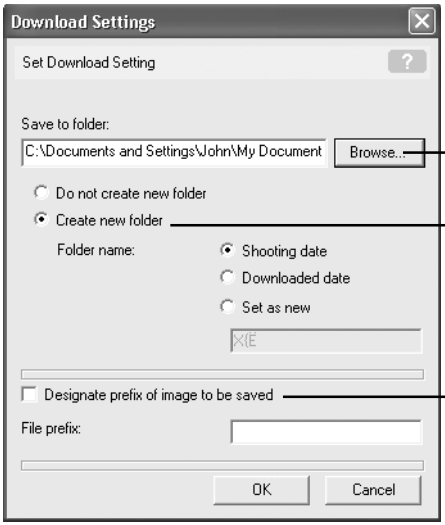
- **[Delete] Button**
  Deletes images from the camera.

- **[Properties] Button**
  Displays the image information for the selected image.

- **[Help] Button**
  Displays help topics.

Download Settings Window

The following window will display when you download images from the Camera window.



Selects the folder to which transferred images are saved.

To create a new folder within the folder specified above, select [Create new folder] and set a name for it.

If the [Designate prefix of image to be saved] option does not have a check mark, the file name will be in the format [100-0001.JPG]. If a check mark is placed here, the file name is in the format [name+0001.JPG].

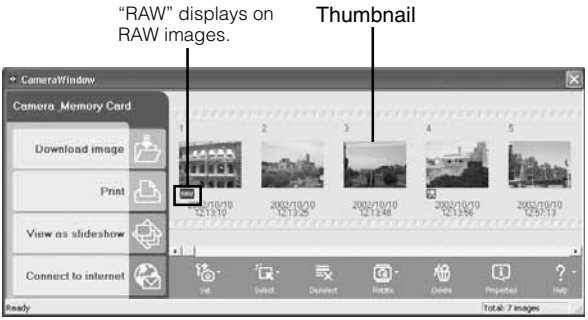
About Image Rotation During Downloading

The camera has a feature that rotates images shot with the camera on end to the correct orientation when it is replayed. When you download JPEG images that have been rotated automatically (if the [Auto Rotate] function is set to [On]) or manually by the camera, or that have been rotated in the Camera window, two images are saved onto the computer, the pre-rotation image and the post-rotation image. (This setting can be changed in the [Rotation] tab in ZoomBrowser EX's main window's [Preference] option in the [Tool] menu.) RAW images, however, are only downloaded with one image in the correct viewing orientation and the rotation information is retained with the image.

Downloading and Saving Images from the Camera

1 Select the images you wish to download from the Camera window and click [Download image].

- Click images to select them. You can select multiple images by clicking on successive images. To deselect an image, click it again.

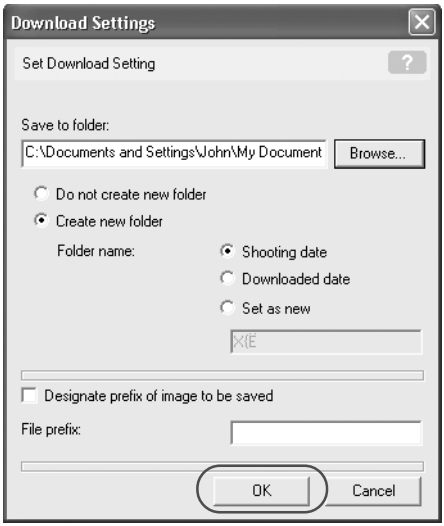


➡ A Download Settings dialog allowing you to select the image destination folder will display.

If you are downloading images previously selected with the camera's [Transfer Order] setting, click [Select] and select [Select Send Mark].

2 Make sure the settings are appropriate and click [OK].

- For details, see "Download Settings Window" (→8-8).



➡ At this point the Camera window will close and the main window will open. The downloaded images will appear in the main window.

Printing Images

1 Select the image(s) you wish to print.

- Click images to select them. You can select multiple images by clicking on successive images. To deselect an image, click it again.

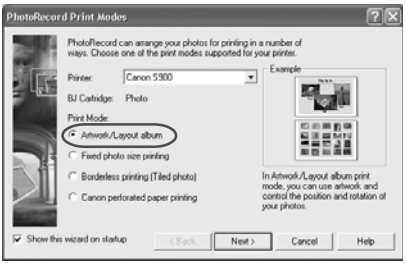
2 Click [Print] and select [Layout Print].

➡ A dialog allowing you to select the type of information that will be printed with the image will display.

3 Place a check mark beside the items (Comment, File Name and Date and Time options) that you wish included in the print and click [Finish].

- Please note that you can attach a comment to an image by selecting an image in the ZoomBrowser EX window, selecting [Properties] and typing a comment.

➡ The PhotoRecord printing program will start and display the PhotoRecord Print Modes dialog.



4 Select a print mode and click [Next].

- For the purposes of this example, please select [Artwork/Layout album].

When you select the [Artwork/Layout album] option, you can resize or reposition images freely for printing. The other print modes allow you to do such things as tile the images for printing or arrange them for printing on Canon perforated paper.

5 In the next dialog, set the paper size and other settings and click [Next].

6 In the last dialog, select [Automatic layout] and click [Finish].

➡ The PhotoRecord window will display.

7 If you wish to change the layout, set the printing settings in the PhotoRecord window.

8 Click the PhotoRecord [Print] button.

➡ The Print dialog will display.

9 Click [Print] to start printing.

When you click the [Print] button after having selected images and select [Index Print] from the displayed menu then perform the procedures in step 3 of page 8-11, the Index Print Settings dialog will display. Set the desired thumbnail size and paper size, then click [Print] to start printing the index.

ZoomBrowser EX Features

This topic introduces additional, convenient ZoomBrowser EX features.

Adjusting Image Quality and Printing (Exif 2.2 Compliant)

The PhotoRecord utility features functions that allow you to print images with image quality adjustments and also supports the Exif 2.2 standard (or Exif Print). This function automatically selects optimal image correction settings to produce better prints.

1 Right-click an image you wish to print and select [Clip/Correct Photo].

2 Place a check mark beside [Exif Print] or [Auto Photo Perfect] and click [Close].

➡ The selected image will be corrected.

Images shot with cameras complying with the Exif 2.2 standard incorporate shooting settings information, such as the shooting conditions and scene mode, along with the image data. The Exif Print adjustment protocol uses this information to correct the image quality more accurately to reflect the shooting settings.

Processing RAW Images with ZoomBrowser EX

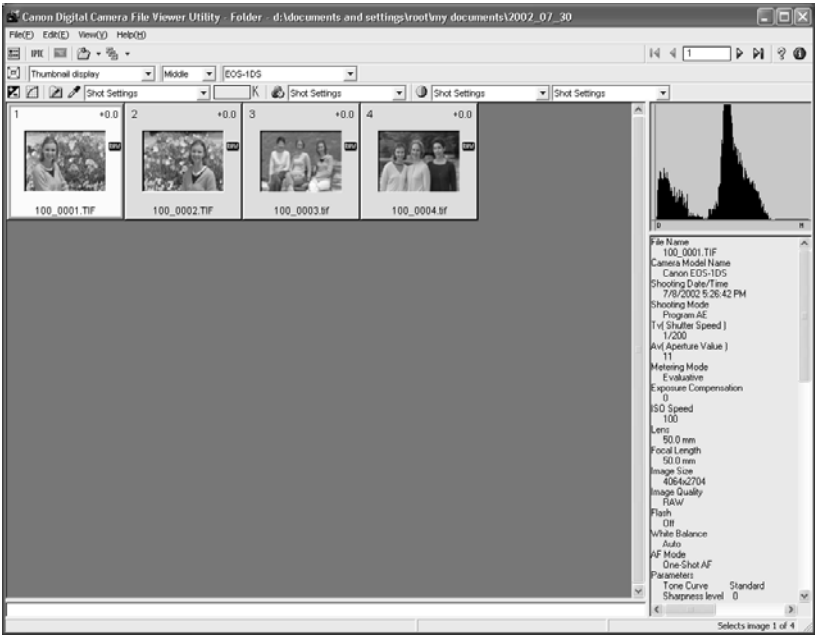
To process RAW images in ZoomBrowser EX, start File Viewer Utility.

1 Select a RAW image.

- Select a RAW image from the Browser Area of ZoomBrowser EX main window.

2 Click the [View & Modify] button and select [Process RAW Images] in the displayed menu.

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



If you start File Viewer Utility from ZoomBrowser EX, the functions of File Viewer Utility that you can use are limited. 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, sound playback, etc. cannot be used.

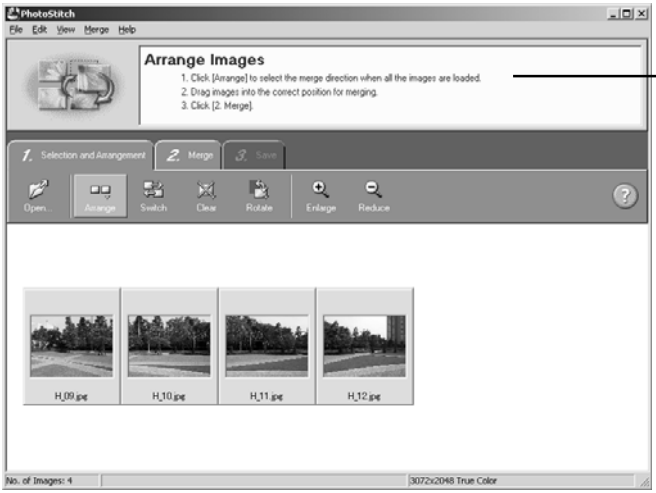
Merging Panoramic Images with PhotoStitch

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

Select the JPEG images in the Browser Area, click [View & Modify] ▶ [StitchPhotos].

➡ PhotoStitch starts up.

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



Follow the instructions to merge the images.

- You cannot open RAW images in PhotoStitch.
- Up to four images can be merged using PhotoStitch.

9

Troubleshooting and Uninstallation

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

Troubleshooting

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

Driver installation failed.

● **Have you installed the EOS-1Ds TWAIN Driver or EOS-1Ds WIA Driver?**

→ You cannot install the driver correctly unless the EOS-1Ds TWAIN Driver or EOS-1Ds WIA Driver is already installed. Insert the SOLUTION DISK into the CD-ROM drive and install the EOS-1Ds TWAIN Driver or EOS-1Ds WIA Driver.

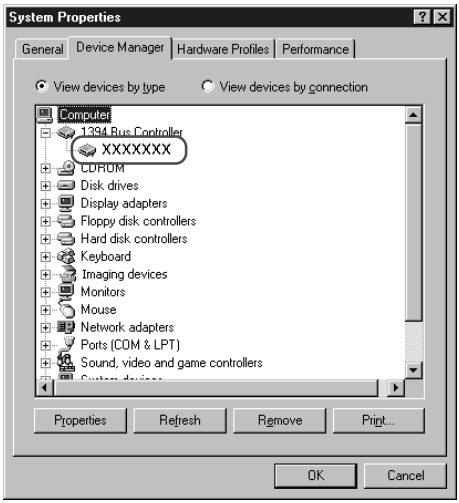
● **Is the cable firmly plugged into its socket?**

→ Ensure that the plug on the interface cable is securely plugged into the IEEE1394 port on your computer. (→2-2)

● **Is your PC’s IEEE1394 device operating normally?**

Open the [Device Manager] (→9-5), click the plus symbol [+] to the left of [1394 Bus Controller] and check that [XXXXXXX] is displayed.

→ If [XXXXXXX] is not displayed, plug & play is not possible using the IEEE1394 connection because the IEEE1394 device is not operating normally. Refer to the user manuals supplied with your PC for information on diagnosing and correcting the problem.
([XXXXXXX] displays the name of your IEEE1394 device.)



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 98 SE/Windows 2000: TWAIN Driver
- Windows Me/Windows XP: WIA Driver

● Does your computer comply with these requirements?

→ The system has a built-in OHCI-compatible IEEE1394 port and it comes with Windows 98 Second Edition, Windows Me, Windows 2000 or Windows XP preinstalled. (Not compatible with upgraded machines.)

* The IEEE1394 interface is not supported for systems not complying with the above conditions.

● Are the camera and computer connected correctly?

→ Connect the camera to your computer correctly using the interface cable. (→2-2)

● Is there sufficient charge left in the camera battery?

→ Your computer does not supply power to the camera. Connect the DC Coupler Kit 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-1Ds Instructions.)

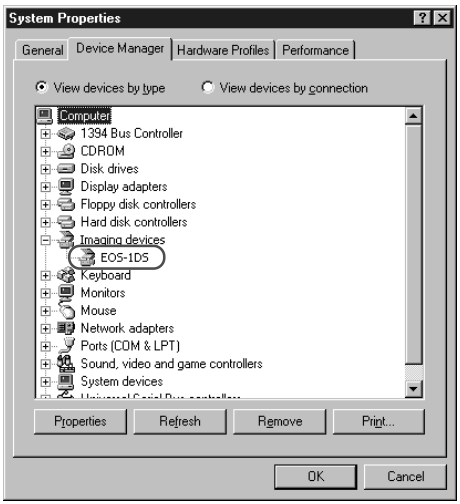
● Do you have more than one camera connected to your computer?

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

→ Shut down 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?

Open the [Device Manager] (→9-5). Click the plus symbol [+] to the left of [Imaging devices] and check that [EOS-1DS] is displayed.



→ If [EOS-1DS] 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-1DS] still does not appear, use the following procedure to re-install the driver.

1. Disconnect the interface cable and uninstall the driver. (→9-7)
2. Re-install the driver. (→1-2)
3. After installation ends, restart your computer.
4. Following the restart, connect the camera to your computer using the interface cable. (→2-2)
5. Finish driver installation. (→1-5)

→ When the [X], [!] or [?] symbol is displayed beside [EOS-1DS], part of the driver is missing or corrupted. Use the following procedure to re-install the driver.

1. Delete [EOS-1DS] displayed in [Imaging devices].
2. Disconnect the interface cable and uninstall the driver. (→9-7)
3. Re-install the driver. (→1-2)
4. After installation ends, restart your computer.
5. Following the restart, connect the camera to your computer using the interface cable. (→2-2)
6. Finish driver installation. (→1-5)

● Is the driver installed correctly?

Open [Device Manager] (→9-5). Click the plus symbol [+] to the left of [Other devices] or [Unknown devices] and check whether [EOS-1DS] or [Canon Digital Camera] is displayed.

→ If [EOS-1DS] 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-1DS] or [Canon Digital Camera] displayed in [Other devices] or [Unknown devices].
2. Disconnect the interface cable and uninstall the driver. (→9-7)
3. Re-install the driver. (→1-2)
4. After installation ends, restart your computer.
5. Following the restart, connect the camera to your computer using the interface cable. (→2-2)
6. Finish driver installation. (→1-5)

To Display the Device Manager

● Windows 98 SE and Windows Me

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

● Windows 2000

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

● 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.

Uninstallation Procedure

- Before beginning the software uninstallation, close any other software 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 TWAIN Driver or WIA Driver, see “Uninstalling the Driver”. (→9-7)
- Windows 2000 or Windows XP Professional users should log on with [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 [Programs] ([All Programs] on Windows XP) ▶ [Canon Utilities] ▶ [File Viewer Utility xx] ▶ [File Viewer Utility 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 [EOS-1DS TWAIN Driver] or [EOS-1DS WIA Driver], then remove [EOS-1DS] from the [Scanners and Cameras Properties] dialog box or the [Scanners and Cameras] dialog box, and then delete the driver settings files.

- Windows 2000 or Windows XP Professional users should log on with [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.

1 Uninstall [EOS-1DS TWAIN Driver] or [EOS-1DS WIA Driver].

- If you are using Windows 98 SE or Windows 2000, click the [Start] button and then select [Programs] ▶ [Canon Utilities] ▶ [EOS-1DS TWAIN Driver] ▶ [TWAIN Driver Uninstall].
- If you are using Windows Me or Windows XP, click the [Start] button and then select [Programs] ([All Programs] on Windows XP) ▶ [Canon Utilities] ▶ [EOS-1DS WIA Driver] ▶ [WIA 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.

- When the [Scanner and Camera Wizard] dialog box or the [EOS-1DS] dialog box appears when you are using Windows Me or Windows XP, click the [Cancel] button to close the displayed dialog box.

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

- Windows XP users should click the [Start] button and then click [Control Panel] ▶ [Printers and Other Hardware].

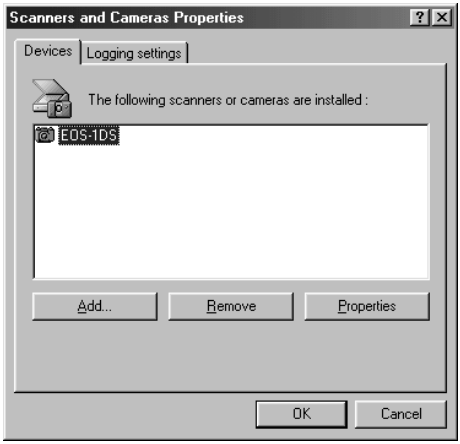
5 Double-click the [Scanners and Cameras] icon.

- Windows XP users should click the [Scanners and Cameras].

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

6 Remove [EOS-1DS].

- If you are using Windows 98 SE or Windows 2000, select [EOS-1DS] and click the [Remove] button.
- If you are using Windows Me or Windows XP, select and right-click [EOS-1DS] and then select [Delete] from the menu that appears. When the confirmation message appears, click the [Yes] button.
- Once [EOS-1DS] 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.

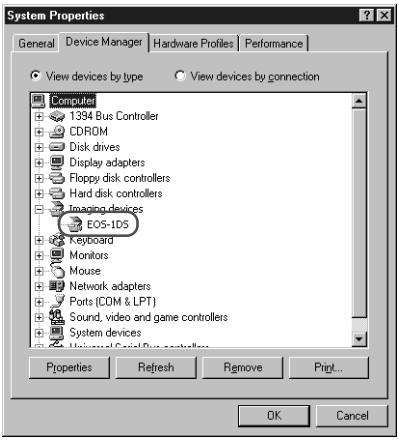


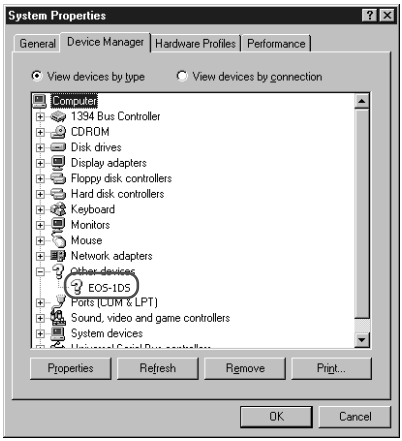
- If drivers for other devices such as scanners are already installed, those device names are displayed.
- In Windows Me and Windows XP, the icons for the installed cameras and scanners are displayed.

7 Open [Device Manager]. (→9-5)

8 Delete [EOS-1DS] or [Canon Digital Camera].

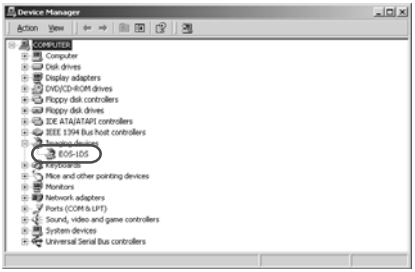
For Windows 98 SE and Windows Me users:

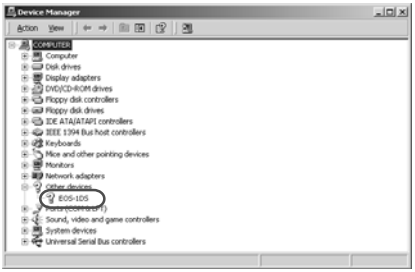




- If [EOS-1DS] or [Canon Digital Camera] is displayed when you click the plus symbol [+] to the left of [Imaging devices] or [Other devices], select [EOS-1DS] or [Canon Digital Camera] and click the [Remove] button.
- When the confirmation message appears, click the [OK] button.
- Click the [OK] button to close the [System Properties] dialog box.
- If [EOS-1DS] or [Canon Digital Camera] is displayed in both [Imaging devices] and [Other devices], or is displayed more than once in [Other devices], delete all the occurrences.
- When [EOS-1DS] or [Canon Digital Camera] is not displayed in [Imaging devices] or [Other devices], close the dialog box and proceed as follows.

For Windows 2000 and Windows XP users:





- If [EOS-1DS] or [Canon Digital Camera] is displayed when you click the plus symbol [+] to the left of [Imaging devices] or [Other devices], select and right-click [EOS-1DS] or [Canon Digital Camera] 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-1DS] or [Canon Digital Camera] is displayed in both [Imaging devices] and [Other devices], or is displayed more than once in [Other devices], delete all the occurrences.
- When [EOS-1DS] or [Canon Digital Camera] 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 98 SE, Windows Me (→9-10)
  - Windows 2000 (→9-12)
  - Windows XP (→9-14)

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 98 SE and Windows Me users:

1 **Click the [Start] button and select [Settings] ▶ [Folder Options].**

- Windows Me users should click the [Start] button and select [Settings] ▶ [Control Panel]. Then double-click the [Folder Options] icon.

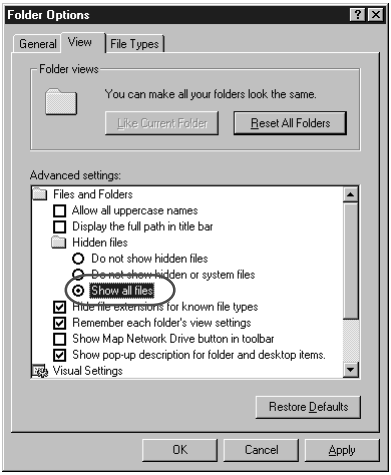
➡ The [Folder Options] dialog box appears.

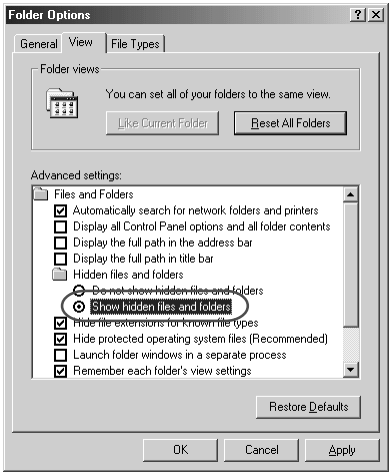
2 **Select the [View] tab.**

➡ The [View] tab sheet appears.

3 **Select the [Show all files] radio button in [Hidden files].**

- Windows Me users should select the [Show hidden files and folders] radio button in [Hidden files and folders].
- If you have already selected this option, proceed without changing it.



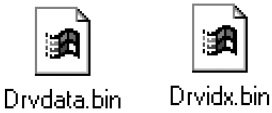


4 **Click the [OK] button to close the [Folder Options] dialog box.**

➡ Previously hidden folders and files now become visible.

5 **In the [My Computer] window on the desktop, double-click [C:] ▶ the [Windows] folder ▶ the [Inf] folder to open.**

6 **Delete [Drvdata.bin] and [Drvidx.bin].**



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

8 **Delete the [Canon.IncCAP_1DS.inf] file if it exists.**

- The [Canon.IncCAP_1DS.inf] file may not exist depending on your computer system.

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

For Windows 2000 users:

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

2 Double-click the [Folder Options] icon.

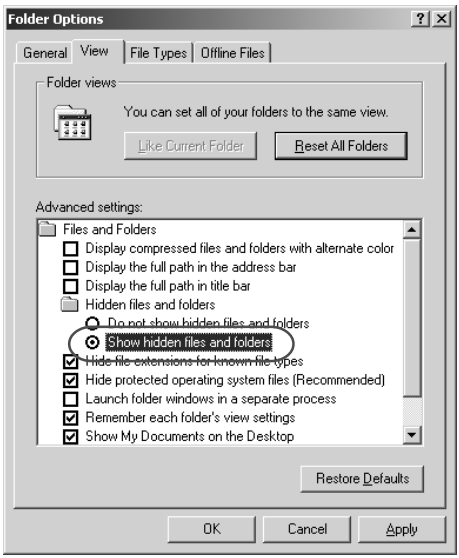
➡ The [Folder Options] dialog box appears.

3 Select the [View] tab.

➡ The [View] tab sheet appears.

4 Select the [Show hidden files and folders] radio button in [Hidden files and folders].

- If you have already selected this option, proceed without changing it.



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

➡ Previously hidden folders and files now become visible.

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

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

- Substitute a number such as 0 or 1 for the asterisk (*). Also, because [Oem*] and [Oem*.pnf] files come in pairs, substitute the same number for the asterisk in each pair (e.g. Oem0 and Oem0.pnf).
- The [Inf] folder may contain multiple pairs of [Oem*] files.

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

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

9 Delete the [Oem*] 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 XP users:

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

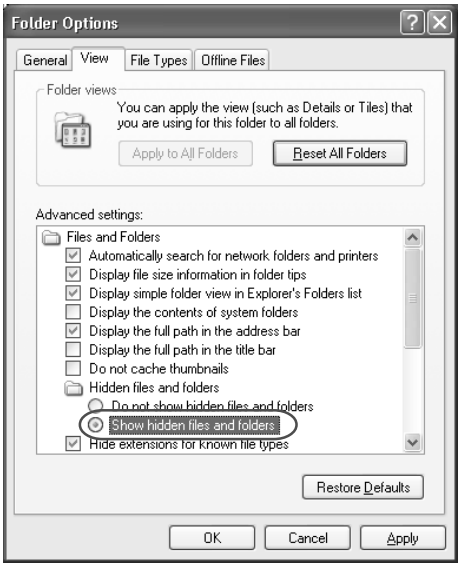
➡ The [Folder Options] dialog box appears.

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].**

- If you have already selected this option, proceed without changing it.



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*] or [Oem*.pnf].

- Substitute a number such as 0 or 1 for the asterisk (*). Also, because [Oem*] and [Oem*.pnf] files come in pairs, substitute the same number for the asterisk in each pair (e.g. Oem0 and Oem0.pnf).
- The [Inf] folder may contain multiple pairs of [Oem*] files.

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

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

9 Delete the [Oem*] 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.

Uninstalling Photoshop 5.0 LE

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

Uninstall Photoshop 5.0 LE as follows.

- Click the [Start] button and select [Programs] ([All Programs] on Windows XP) ▶ [Adobe] ▶ [Photoshop 5.0 Limited Edition] ▶ [Uninstall Photoshop 5.0 Limited Edition].
- Proceed with the uninstallation as directed by the on-screen messages.

When uninstallation ends, restart your computer.

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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 LE CD-ROM in the drive and double-click the [My Computer] icon on the Windows 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 LE CD-ROM within each language folder in a folder labeled [Acroread].

MEMO

Canon

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This Instructions booklet is current as of September 2002. For information on using the camera with system accessories introduced after this date, contact your nearest Canon Service Center.