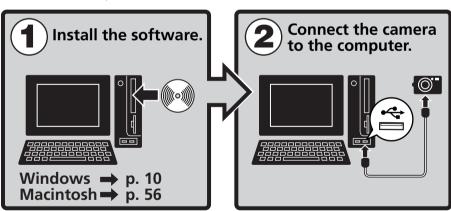
Canon

Software Starter Guide

(For the Canon Digital Camera Solution Disk Version 14)

You must install the software bundled on the Canon Digital Camera Solution Disk before connecting the camera to the computer.





- This guide explains how to install the software programs and briefly introduces their functions and operating procedures.
- Please read the software license agreement in this guide before using the software. By using the software, you agree to be bound by the terms of the agreement.





SAFETY PRECAUTIONS

The precautions noted within this guide are intended to instruct you in the safe and correct use of the products and to prevent injuries or damage to yourself, other persons and property. Please read and ensure that you understand them before proceeding to other sections of the guide.

△Warnings This symbol indicates topics that could lead to death or serious injury if ignored or handled incorrectly.

Marnings

• Do not play the supplied CD-ROM(s) in any CD player that does not support data CD-ROMs. Playing the CD-ROM(s) in an audio CD player (music player) could damage the speakers. It is also possible to suffer from hearing loss from listening with headphones to the loud sounds of a CD-ROM played on a music CD player.

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Read This First

This chapter explains what you can accomplish using the camera with the software contained on the Canon Digital Camera Solution Disk.

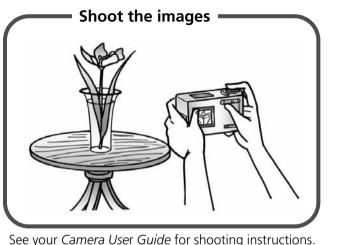
It also lists the computer system configurations required to use the software.

About this Guide

- The explanations in this guide are based on Windows XP and Mac OS X v10.2. If you are using another version of these operating systems, the actual screen contents and procedures may vary slightly from those shown.
- This guide uses the following notations on the right to represent the items on the left.

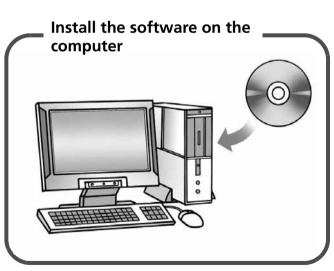
Mac OS X (v10.1/v10.2) -> Mac OS X
Mac OS 9.0 - 9.2 -> Mac OS 9
CF Card, SD Card, PC Card -> Memory Card

It's so Simple! Make Prints Right at Home Like a Pro

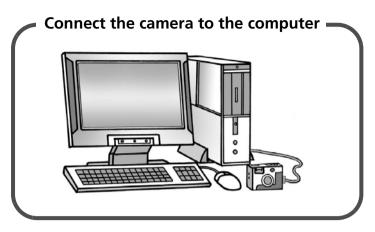


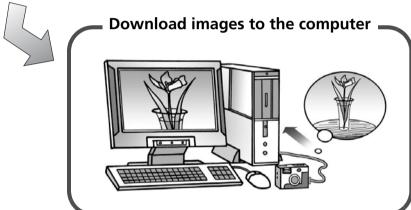


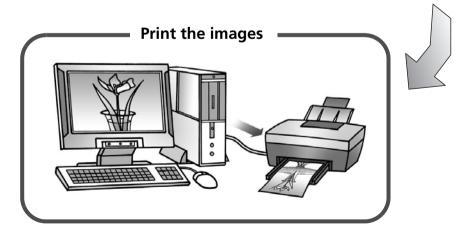




Just install the software once at the beginning.



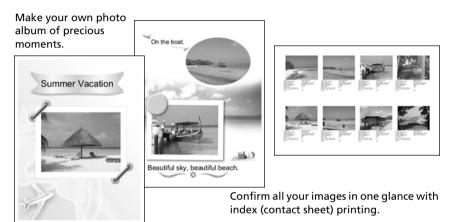




Unbounded Possibilities with Entertaining Software

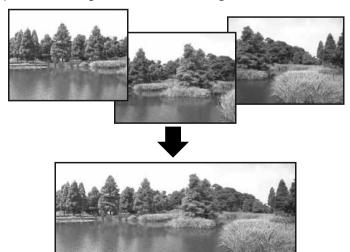
Print a Variety of Layouts

Print with the diverse layouts available in PhotoRecord (Windows) and ImageBrowser (Macintosh). The examples shown are from PhotoRecord (Windows).



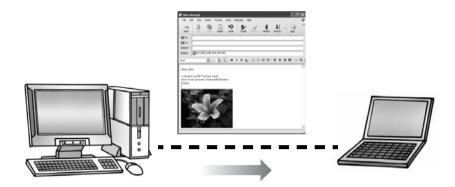
Stitch a Panorama Together

Create a panoramic image from a series of images with PhotoStitch.



Send an Image as an E-mail Attachment

Attach an image to an e-mail message by starting your mail software from within ZoomBrowser EX (Windows) or ImageBrowser (Macintosh).



Operate the Camera Shutter from the Computer

Release the camera's shutter from the computer with ZoomBrowser EX (Windows) or ImageBrowser (Macintosh). The recorded image is saved directly to your computer.



Release the shutter from the computer.



About the CD-ROMs in Your Package

About the Supplied Software

In addition to the Canon Digital Camera Solution Disk, your camera may be accompanied by other CD-ROMs containing image editing software. Your choice of camera model will determine which disks are included.

See *Information about Your Camera* (p. 105) to read which disks are included with your model.

See About the CD-ROMs Supplied with the Solution Disk section (p. 88) for the installation methods and features of the software contained on the CD-ROMs other than the Canon Digital Camera Solution Disk.

Using the PDF Manuals

The following PDF-format manuals (hereafter PDF manuals) are provided to explain the features and procedures for using ZoomBrowser EX and ImageBrowser.

- ZoomBrowser EX Software User Guide (Windows)
- ImageBrowser Software User Guide (Macintosh)



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

Viewing PDF Manuals

Viewing Manuals Downloaded from a Website

These PDF-format manuals are available on the Canon website. Use your browser program to download these manuals from the following URL:

http://web.canon.jp/Imaging/information-e.html

System Requirements

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

Windows

OS	Windows 98 (First or Second Edition) Windows Millennium Edition (Windows Me) Windows 2000 Windows XP (Home Edition, Professional)	
Computer Model	The above OS should be pre-installed on computers v in USB ports.	vith built-
СРИ	Windows 98/ Windows Me/ Windows 2000: Pentium or higher processor Windows XP: Pentium 300 MHz or higher processor	150 MHz
RAM	Windows 98/ Windows Me/Windows 2000: 64 MB or Windows XP: 128 MB or more	more
Interface	USB	
Free Hard Disk Space	(Including the PhotoRecord printing program) - PhotoStitch: 40 MB • Canon Camera TWAIN Driver: 25 MB	or more or more or more or more
Display	800 x 600 pixels/ High Color (16 bit) or better is requi 1,024 x 768 pixels or better is recommended	red



- A CD-ROM drive is required to install the software.
- •A CD-ROM drive is required to instance.
 •A sound card is required to play movie audio tracks.
 - All procedures performed with a connection to a USB 2.0 compliant board are not guaranteed.

Macintosh

OS	Mac OS 9.0 - 9.2, Mac OS X (v10.1/v10.2)	
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.	
CPU	PowerPC	
RAM	Mac OS 9.0 - 9.2: 64 MB or more of application memory Mac OS X (v10.1/v10.2): 128 MB or more	
Interface	USB	
Free Hard Disk Space	• Canon Utilities - ImageBrowser: 120 MB or more - PhotoStitch: 30 MB or more	
Display	800 x 600 pixels/ 32,000 Colors or better is required 1,024 x 768 pixels or better is recommended	



- A CD-ROM drive is required to install the software.
 The supplied application programs are compatible with Mac OS X (v10.1/v10.2), but cannot be used on disks formatted with the Unix File System (UFS).
 - All procedures performed with a connection to a USB 2.0 compliant board are not quaranteed.

Using the Software on the Windows Platform

- Preparations -

This chapter explains the basic procedures for installing the software and connecting the camera to a computer. Read this material before you connect the camera to the computer.

Installing the Software and USB Driver

Start by installing the software from the Canon Digital Camera Solution Disk.



- You must install the software before you connect the camera to the computer.
- Users of Windows XP Professional and Windows 2000 must first log in as an Administrator (computer system administrator) to install programs.

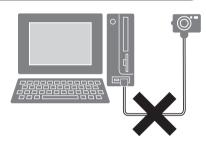
Items to Prepare

- Your computer
- Canon Digital Camera Solution Disk supplied with the camera

Installation Procedures

computer at the start.

Confirm that the camera is NOT connected to the computer.
If it is, disconnect the cable. The software cannot be properly installed if the camera is connected to the

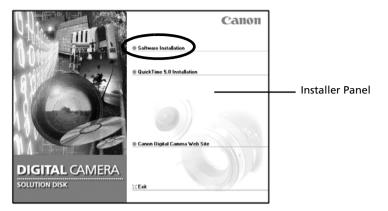


- Close any programs that are running.
- Place the Canon Digital Camera Solution Disk in the computer's CD-ROM drive.
 The installer panel will display automatically.

If the installer panel does not appear automatically, use the procedures in *How to Display the Installer Panel* on the next page.



4 Click [Software Installation].



- 5 Click [Next].
- **6** Read the software license agreement and click [Yes] if you consent to all the conditions.

How to Display the Installer Panel

Use the following procedures to display the installer panel if it does not appear automatically.

Windows XP

- 1. Select [My Computer] from the [Start] menu.
- 2. Right-click the CD-ROM icon and select [Open].
- 3. Double-click the [Setup.exe] **3** icon.

Windows 2000, Windows Me, Windows 98

- 1. Double-click the [My Computer] icon on the desktop.
- 2. Right-click the CD-ROM icon and select [Open].
- 3. Double-click the [Setup.exe] 🧕 icon.

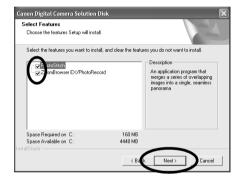
(Some computers may not display the [.exe] file name extension as shown above.)

7 Confirm the installation destination and click [Next].



8 Select the programs you wish to install and click [Next].

Confirm that there is a check mark beside the names of the programs you wish to install.



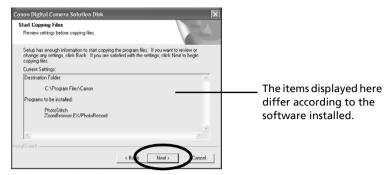


The USB driver (the software for connecting) is required when the camera is connected to the computer with a USB cable. Ensure that you select a USB driver from below (the appropriate one for your operating system).

- Windows 2000: Canon Camera TWAIN Driver
- Windows Me: Canon Camera WIA Driver
- Windows 98: Canon Camera TWAIN Driver

With Windows XP, the USB driver supplied with the Windows operating system is used so there is no need to install a USB driver.

9 Review the installation settings and click [Next].



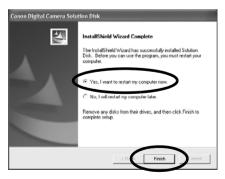
The installation will start. Follow the onscreen instructions to proceed.

10 Click [OK] if the following message appears.

This message will display if you selected and installed the USB driver in Step 8.



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

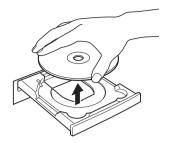




Users of Windows XP Professional and Windows 2000 must log in as an Administrator (computer system administrator) after restarting to carry out the subsequent procedures.

12 Remove the disk from the CD-ROM drive when your normal desktop screen appears after restarting.

This concludes the software installation Continue by connecting the camera to the computer so that the USB driver can be utilized



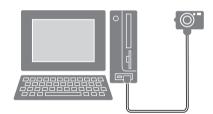


If you installed a USB driver, so far the required files have only been copied to your computer. You must now connect the camera to the computer with the USB cable to complete the installation and prepare the driver for use.



See Uninstalling the Software (p. 90) to delete the software installed with these procedures.

13 Attach the camera to the computer and set it to the correct mode for connecting.





Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See Information about Your Camera (p. 105) for details.

The USB driver will automatically finish installing onto the computer when you attach the camera and open a connection. Dialogs similar to the following ones will appear during this process (first connection only).

Windows XP

The following dialog will appear after a few moments and the USB driver supplied with the Windows operating system will automatically install.



Windows 2000/Windows Me/Windows 98

The "Add New Hardware Wizard" will appear after a few moments and the USB driver will automatically install.



The USB driver selected in Step 8 will automatically install.

Restart the computer according to the instructions if you are prompted to do so by a message.

The Events dialog will appear after installation, allowing you to select an application to start. The explanation for these procedures is contained in *Using the Software on the Windows Platform-The Basics* (p. 17).



- •See *USB driver installation not proceeding well* in the *Troubleshooting* section (p. 96) if you are having problems installing the USB driver.
- See *Uninstalling the USB Driver* (p. 91) to delete the USB driver installed with these procedures.
- See If You Were Using ZoomBrowser EX Version 2 or 3 (p. 103) if you were previously using either version.

This concludes the software and USB driver installation and the procedures for connecting the camera to the computer.

You may now download camera images to the computer (p. 17).

Using the Software on the Windows Platform

- The Basics -

This chapter explains the procedures for using ZoomBrowser EX to download the camera's images to the computer and print them.

Read this chapter after completing the preparations in the *Using the Software* on the Windows Platform - Preparations - section.

Downloading Images to the Computer

Begin by starting up ZoomBrowser EX and downloading images to your computer. The startup procedures vary slightly according to whether you are connecting the camera to the computer or using a memory card reader.



- •The first time you start ZoomBrowser EX, all the images that have not previously been downloaded will download to the folder shown in the [Save to] section of the Download image window (p. 20).
 - You can change the settings for the images to be downloaded and the downloading destination by clicking the [Camera] menu in ZoomBrowser EX's main window and selecting [Autodownload setting).
 - You can also display an index of the camera or memory card images to check them before downloading or download them selectively. For instructions, see Checking Images before Downloading (p. 32).



A window stating that the server is busy may display while images are downloading. If this happens, wait a moment and click the [Retry] button (p. 102).

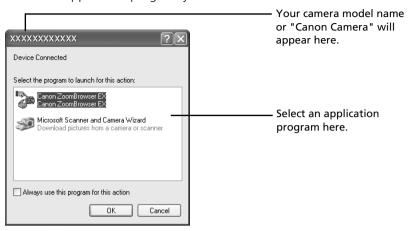
Camera to Computer Connection

Attach the supplied USB cable to the computer's USB port and the camera's Digital Terminal. Prepare the camera for communication with the computer.



Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See Information about Your Camera (p. 105) for details.

A dialog (Events dialog) similar to that below will appear after a moment. Select the application program you wish to start from the list in this dialog.





If the above dialog (Events dialog) does not appear, start ZoomBrowser EX with the procedures described below in *If* the Events Dialog Does not Appear.

If the Events Dialog Does not Appear

Perform the following procedures.

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



- Click [Camera & Memory Card] when ZoomBrowser EX starts.
- 3 Click [Browse & Download Images] in the next menu.

Proceed to Step 3 when the Download image window appears.



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



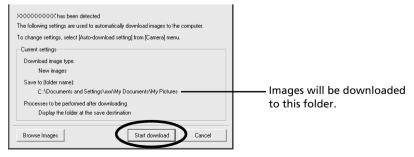


A dialog allowing you to select the camera model will display if a camera and a memory card reader are connected at the same time. Confirm that your model name or "Canon Camera" is displayed and click [OK].

This will display the Download image window.



3 Click [Start download].



The camera images download to the computer. The downloaded images are saved into folders according to the shooting date.

When downloading is complete, the thumbnails (tiny versions) of the downloaded images display in ZoomBrowser EX's main window.

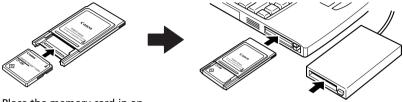


Next, print out the images (p. 24).

Memory Card Connection

Insert the memory card into the reader.

Use a separately sold card adapter (PCMCIA adapter) if required. See the manual for the memory card for its connection and handling instructions.



Place the memory card in an adapter if required.

Insert the loaded adapter into the slot.

2 Start ZoomBrowser EX.

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



3 Click [Camera & Memory Card].



4 Click [Browse & Download Images] in the next menu.

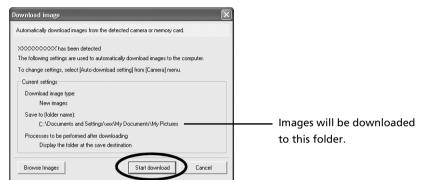




A selection dialog will appear if multiple memory card readers loaded with memory cards are connected or if a camera and memory card reader are connected. Select one device and click [OK].

The Download image window will appear.

5 Click [Start Download].



The memory card images download to the computer. The downloaded images are saved into folders according to the shooting date.

When the download is complete, the thumbnails (tiny versions) of the downloaded images display in ZoomBrowser EX's main window.



See *Memory Card Folder Structure* (p. 94) for information about memory card folder structures and file names.

Next, print out the images (p. 24).

Printing Images

You will use a program called PhotoRecord to print images. This section explains the basic procedures for PhotoRecord. See the program's [Help] menu for more details.



Movies cannot be printed.

Click [Print] in the main window.



2 Click [Layout Print] in the next menu.



3 Click on the image(s) you wish to print and click the [Next] button at the window's bottom right.



The background color of the selected images will change to orange.

Place a check mark beside the data you wish to include with the print (multiple selections are possible) and click [Finish].

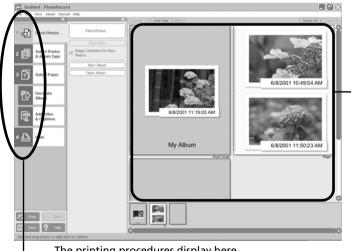


For example, you can print the shooting date and time with the image if you select [Date and Time] here.



To add a comment to an image, select it in ZoomBrowser EX and click [Properties].

The PhotoRecord printing utility will start, displaying the selected image and the information selected in Step 4 in the Album window. In addition, the steps that will take you through the printing process will display on the left side. Follow the steps in order to proceed.



Album Window The selected images display here.

The printing procedures display here.



If the PhotoRecord tutorial window displays, use the arrows at the window's bottom right to control it.

5 Click [2 Select Printer & Album Type] and select a printer and album type.

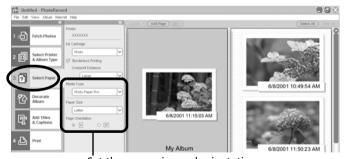
Select the printer.



Select the album type.



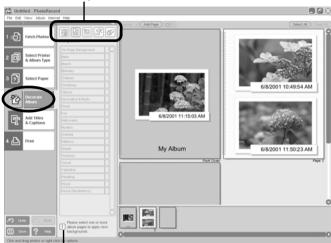
- You can select either the [Booklet] or [Simple Album] option for the [Album] category in the [Album Type] section. By selecting [Booklet], you can create a margin at the left side so the images can be kept in an album. Selecting [Simple Album] creates equal margins on both sides. To adjust the margin, click [Margins] and change the value.
- In the [Others] category of the [Album Type] section, you can choose options such as printing one image per page or a contact sheet.
- **6** Click [3 Select paper] and select the paper size and orientation.



Set the paper size and orientation.

7 Click [Decorate Album] and change the design of the image background and border as required.

Click the [Themes], [Backgrounds], [Photo Frames], [Text Frames] or [Clipart] button to switch between selections.



Perform the procedures according to the instructions beside the [] symbol.



- •The [Themes] category provides consistent designs for use throughout an entire album. Selecting a theme automatically sets the background, image border and text border for all images.
- •You can also click [Add Titles & Captions] to add text as a title or caption.

Click [4 Print], confirm the number of copies and other printing settings, and click [Print].



Printing will commence.

9 Click **≥** to close PhotoRecord.

A message will display asking you whether or not save the album layout. Select [Yes] to save it or [No] to cancel it.

The ZoomBrowser EX screen will reappear after the file processing is complete. This concludes the printing process.

Printing One Image Per Page

In Step 5, select the [Other] category in the [Album Type] section, followed by [One Photo Per Page].

Printing a Contact Sheet

To print a contact sheet, select [Contact Sheet Print] in Step 2. After Steps 3 and 4, the PhotoRecord printing utility will start. You can print image thumbnails and shooting data by setting the number of rows and columns per page, the Exif data* (shooting information) display size and paper size, and then clicking [Print].

* There is a difference between the shooting information shown in ZoomBrowser EX and the Exif information that can be printed with PhotoRecord.



- •With images shot by Exif 2.2 (called Exif Print) compatible cameras, shooting information such as the shooting settings and mode can be included with the images. You can use this data to correct and print the images to obtain enhanced results. Under the default setting, image correction is automatically carried out. See the PhotoRecord Help menu if you do not require image correction.
- PhotoRecord automatically carries out image correction (as a default setting) with both images shot with Exif 2.2 compatible cameras and other images, yielding high-quality prints.
- A PDF-format manual for ZoomBrowser EX is also available. It provides further information about the program's features and procedures. See *Using the PDF Manuals* (p. 6).

This chapter explained the ZoomBrowser EX basics. Once you have mastered them, read the following chapter to try the advanced techniques. *Using the Software on the Windows Platform - Advanced Techniques* (p. 29).

Using the Software on the Windows Platform

- Advanced Techniques -

This chapter explains various ZoomBrowser EX features, such as how to play movies and create panoramic images.

Proceed to this chapter once you have mastered the basic ZoomBrowser EX procedures in the *Using the Software on the Windows Platform - The Basics* chapter.

The ZoomBrowser EX Windows

ZoomBrowser EX has two windows: the Main Window and the Camera Window. This topic explains the features of these two windows.

Main Window

This window can be used to organize the images downloaded to the computer. It can also be used for other purposes, such as printing images and attaching them to e-mail messages.

Folders Area

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

Function Buttons

These buttons apply functions to images selected in the Browser Area.



Task Buttons

These buttons select the task to carry out.

Browser Area

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



You can change the zoom speed for images displayed in the Browser Area. Click the [Tools] menu, select [Preferences] and slide the [Zooming] lever.

Camera Window

This window can be used to view images in the camera (or memory card) and download the images to the computer as you confirm them.

A window allowing you to specify the download destination opens when you select images and click the [Download image] button.

The images from the camera (or memory card) display here.



Function Buttons

These buttons apply functions to images selected in the Camera Window.



ZoomBrowser EX comes with a function that rotates, downloads and displays images, shot vertically or horizontally, in their correct viewing orientation. (Rotating images does not affect image quality)

Only the rotated image is saved to the computer with the following camera and image settings.

- •When JPEG images are shot with the camera's [Auto Rotate] function set to [On].
- When JPEG images are rotated with the camera's manual rotation settings.
- •When JPEG images are rotated in the Camera Window. To download both the pre-rotation and post-rotation images, click the [Tools] menu in ZoomBrowser EX's main window and select [Preferences], followed by the [Rotation] tab. Place a check mark beside [Rotate a copy of the JPEG image].

Checking Images before Downloading

You can check camera or memory card images in the Camera Window before processing them. You can also choose to download only the images you select in the Camera Window

1 Display the Download image window.

To download images from a camera, follow Steps 1-2 in the *Camera to Computer Connection* section (p. 18).

To download images from a memory card, follow Steps 1-4 in the *Memory Card Connection* section (p. 22).

2 Click [Browse Images].



The Camera Window will display.

This window shows thumbnails (tiny versions) of the camera or memory card images.



The movie icon displays on movie thumbnails.

3 Click on images in the Camera Window that you wish to download. The background color of the selected images will change to orange.



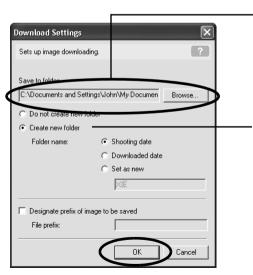
If you are downloading images previously selected with the camera's [Transfer Order] setting, click [Select] and select [Select Send mark].

4 Click [Download image].



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

5 Confirm the destination folder and click [OK].



 Specify the destination folder for the image(s).
 (You can change the destination folder by clicking [Browse] and selecting a new destination.)

Select [Create new folder] to create a new folder within the one specified above, and select a naming option. At this point the Camera Window will close and the main window will open. The downloaded images will appear in the main window.



Other Methods of Downloading Images to the Computer

* Windows XP

Your camera uses a standard image transfer protocol called the Picture Transfer Protocol (PTP). With the PTP and Windows XP, all you need do is connect the camera to the computer with a USB cable to download images. It is easy using the Scanners and Cameras Wizard and other procedures. (You do not even need to install ZoomBrowser EX or the USB driver.) However, there are some inconveniences and limitations to this downloading method. See the For Windows® XP and Mac OS X Users leaflet for details.

* Windows Me (with the USB driver installed)

It is easy to download images using the Scanners and Cameras Wizard or Windows Explorer. All you need do is connect the camera to the computer with a USB cable. (ZoomBrowser EX does not need to be installed.) However, you cannot download movies with this method.

See the Windows Help system for information about the Scanners and Cameras Wizard and Windows Explorer.

Replaying Movies

When you double-click an image with a movie icon in the ZoomBrowser EX's Browser Area, QuickTime Player will start and replay the movie.

- **1** Double-click an image with a movie icon. QuickTime Player will start.
- Click the play button in QuickTime Player.
 The movie will replay.





Do not double-click a movie file (.AVI extension) in the Windows Explorer to play it. That will start Windows Media Player, which may not support this file type. To replay movies, start QuickTime Player through the [Start] menu and open the file using the OuickTime Player [File] menu.

Installation Procedures for QuickTime

- 1. Set the Canon Digital Camera Solution Disk in the CD-ROM drive. The installer panel will automatically appear. (Display it with the procedures in *How to Display the Installer Panel* (p. 11) if it does not appear.)
- 2 Click [QuickTime 5.0 Installation].



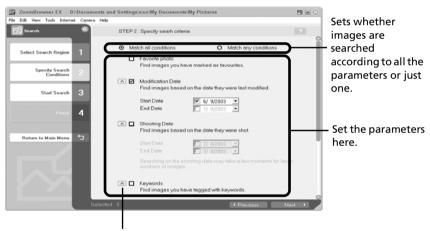
Follow the onscreen instructions to proceed with the installation.

Searching Images

You can search for images marked as your Favorites or by such parameters as the modification date, shooting date or keywords. The procedures for marking images as Favorites and adding keywords to them are explained in the following pages.

- **1** Select a folder to search in the Browser Area.
- 2 Click [View & Modify], followed by [Search] in the next menu.
- **3** Set the search parameters.

Place a check mark in the parameter you wish to use. If you selected the modification or shooting date, set the date range. If you selected the keyword option, select the keywords.



Clicking here allows you to hide the search parameter details.

4 Click [Next] after setting the search parameters.

The images satisfying the parameters will be displayed.

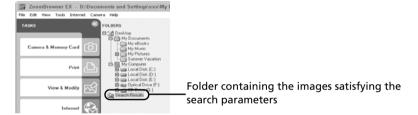


5 If the search results are satisfactory, click the [Finish] button.

To change the parameters and execute another search, click [Back] and repeat steps 3-4.

This concludes the search process.

A new folder called the Search Results folder will be created in the main window and will contain the images that met the search criteria. Images in this folder can be selected, printed and saved to another folder. The images will display in this folder until ZoomBrowser EX is closed or another search is performed.



Setting Image Parameters for Future Searches

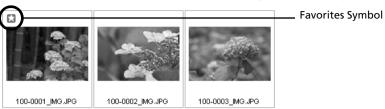
Placing a Check Mark in the Favorites Box

Adding a check mark to the Favorites box makes it easy to perform searches on images later.

- **1** Select the image in the Browser Area and click (Properties). The Properties window will display.
- Click the [Favorite Photo] box to add a check mark and close the Properties window.



This concludes the process for marking an image as one of your favorites. The symbol shown below is displayed on images marked as your favorites.



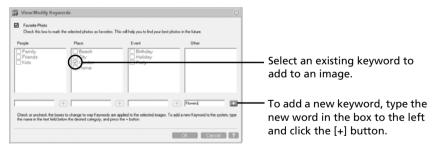
Adding Keywords to Images

Add searchable keywords to images.

- 1 Select the image in the Browser Area and click 💹 (Properties).
- 2 Click [View/Modify Keywords].



3 To add an existing keyword to an image, click the keyword to add a check mark beside it.



4 Click [OK].

This completes the procedures for adding keywords to images.

Operating the Shutter Remotely

You can record still images by using a computer to control the shutter of a connected camera. This is particularly useful for checking images on the larger display of the computer as you record them and for high volume photography without worrying about filling the camera's memory card.



See *Information about Your Camera* (p. 105) to see whether your camera model is compatible with this feature.

Preparing for Remote Shooting

1 Ensure that the camera is connected to the computer and that ZoomBrowser EX is displaying its main window.



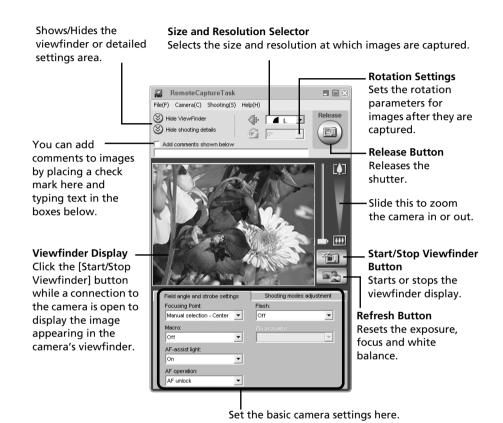
Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See *Information about Your Camera* (p. 105) for details.

- 2 Open the lens cover or remove the lens cap on models equipped with them. Proceed to the next step if your model does not have one.
- **3** Click [Cancel] if the Events dialog appears.
- 4 Click [Camera & Memory Card], then [Remote Shooting] in the next menu.

The RemoteCapture Task window will appear.

RemoteCapture Task Window

The RemoteCapture Task window has the following features.





- •The settings available in the RemoteCapture Task window vary between camera models.
- •RemoteCapture Task locks the exposure and focus settings for the subject matter in the Viewfinder section. If the lighting or distance to the subject changes, click to reset these settings.

Remote Shooting



Ensure that you turn off your computer's standby mode before you begin remote shooting. The device performance cannot be guaranteed if the computer enters the standby mode.

- Click the image does not appear in the viewfinder at the window. Use the viewfinder to confirm the image.
- **2** Change the image size or resolution, the rotation settings and the settings at the bottom of the window as required.

If you are tilting the camera 90° on end to capture tall subjects, such as people, set the [Rotation Settings] category to [90°-L] or [90°-R] so the image appears with the correct orientation in the computer display.



If your camera is equipped with the Auto Rotate function and you set it to On, the image will automatically be rotated and appear in the correct viewing orientation in the RemoteCapture Task window.

3 Click the [Release] button.

The image will record.

The recorded image is saved to the folder that was displayed in the window when the remote shooting procedures were initiated.



- You can release the shutter by pressing the camera's shutter button or the keyboard's space key.
- The zoom controls and other camera buttons and switches, except for the shutter button, cannot be operated while the camera is being used for remote shooting.
- You may notice that the interval between the shutter release and activation is slightly longer for remote shooting than when the camera is used independently.

Interval Timer Shooting

Interval timer shooting is a method of shooting that records a specified number of frames at set intervals

- 1 Click the [Shooting] menu in the RemoteCapture Task window and select [Interval Timer Shooting].
- **2** Click [OK] in the confirmation dialog. The Interval Timer Shooting window will display.
- **3** Set the number of frames and the interval value and click [Start]. This will record the specified number of frames at the specified interval.
- 4 Click [OK] in the confirmation dialog.



You can set the time interval between 5 seconds to 60 minutes.



Please note that the camera will not be able to shoot at the specified interval if it is shorter than the time required to transmit the data and save it to the computer.

Timer Shooting

Timer shooting is a method of shooting that records a frame after a specified number of seconds.

Click the [Shooting] menu in the RemoteCapture Task window and select [Timer Shooting].

The Timer Shooting window will display.

2 Set the timer interval and click [OK].

This will record an image after the specified time has elapsed.

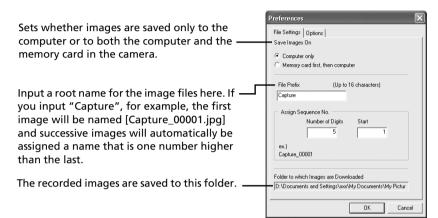


You can specify a timer interval from 2 to 30 seconds.

Other Features

Changing the File Saving Method

- Click the [File] menu in the RemoteCapture Task window and select [Preferences].
 - This will display the Preferences dialog.
- **2** Select a file settings option and click [OK].





Selecting [Computer only] in the "Save Images On" category allows you to shoot when there is no memory card in the camera or when the camera's memory card is full.

Displaying the Subject in the Camera's LCD Monitor

You can view the subject you are shooting in the camera's LCD monitor.

- Click the [Camera] menu in the RemoteCapture Task window and select [Camera Display Settings].
 - The Camera Display Settings dialog will display.
- 2 Select [Camera LCD monitor] and click [OK].
- 3 Click the icon in the RemoteCapture Task window.



You can display the subject on a TV connected to the camera by selecting [Video Out terminal] in Step 2. See the *Camera User Guide* for instructions to connect the camera to a TV.

Merging Panoramic Images - PhotoStitch

You can create a wide panoramic image by merging several images, such as those shot in the camera's Stitch Assist mode.

Use the PhotoStitch program to merge the images.

Starting PhotoStitch

Start PhotoStitch from ZoomBrowser FX.

- Click [View & Modify] in the ZoomBrowser EX's main window and [Stitch Photos] in the next menu.
- 2 Select a series of images in the Browser Area and click [Finish]. A window similar to that below will appear.



3 Merge the images following the instructions in the guidance panel at the top of the PhotoStitch window.



- QuickTime 3.0 or a later version is required to save the merged image in the QuickTime VR format. (QuickTime is supplied on the Canon Digital Camera Solution Disk.)
- Images shot in Stitch Assist mode with a wide converter, teleconverter or close-up lens cannot be merged accurately.

Images Shot in Stitch Assist Mode

It is easy to merge images shot with the camera's Stitch Assist mode since PhotoStitch automatically arranges them in the correct order and orientation. Stitch Assist mode images appear in the Camera Window as shown below.

Images shot in Stitch Assist mode display a mark like this.





- •You can start PhotoStitch by clicking the mark shown on images shot in Stitch Assist mode.
- See the *Camera User Guide* for information about shooting in Stitch Assist mode.

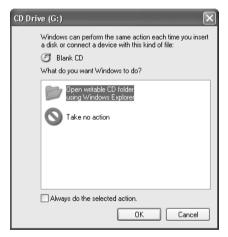
Saving Images on CD-R/RW Disks (Windows XP Only)

You can copy and save ZoomBrowser EX images to CD-R/RW disks. The shooting information is copied along with the images.



This feature is only possible on computers that satisfy the following requirements.

- Windows XP was pre-installed on the computer
- •The CD-R/RW drive came as standard equipment with the computer
- Place a CD-R/RW disk in the drive
- Click [Cancel] to close it if a dialog like that below appears.



- Click [View & Modify] in the ZoomBrowser EX main window and [Backup to CD] in the next menu.
- Follow the instructions at the left of the display to proceed. The disk will automatically eject from the drive once the files have been copied to it.



Additional images can be copied onto a CD-R/RW disk with sufficient space that has already been written to once.

Enjoy Customizing Your Camera with the My Camera Settings

The start-up image, start-up sound, shutter sound, operation sound, and self-timer sound are called the My Camera Settings. You can add your favorite images and sounds from your computer to the My Camera Settings. This topic explains how to upload the My Camera Settings saved onto your computer to the camera and vice versa. Use ZoomBrowser EX to perform this function.

Displaying the My Camera Window

To save the My Camera Settings to the camera, you use the My Camera window. The following explains the procedures for displaying the My Camera window.

- **1** Connect the camera to the computer and start ZoomBrowser EX.
- 2 Click the [Camera] menu in the main window and select [My Camera Settings].

You can also display the My Camera window by clicking the [Set] button in the Camera Window and selecting [My Camera] in the next menu.

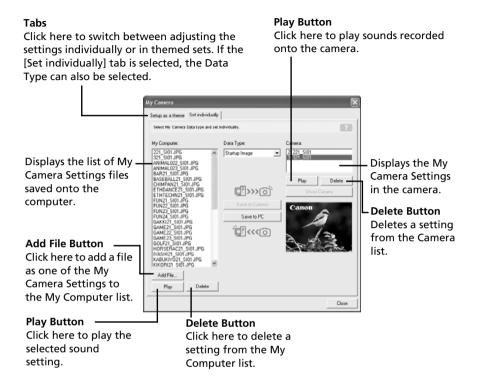


This will display the My Camera window.



ZoomBrowser EX already contains several pre-recorded My Camera Settings items. You can check these items with the My Camera window.

The My Camera Window Features





You can add new data to the My Camera window. See Adding New Data to the My Camera Window (p. 51).

Saving the My Camera Settings to the Camera

You can save the My Camera Settings displayed in the My Camera window to the camera



- •My Camera Settings can be selected and saved in either of two ways to the camera: individually or in theme sets.
 - •The "Animal" theme, for example, features an animal in the start-up image and animal calls in each of the sound files. The names of the prepared files for the various My Camera Settings themes all begin with the same root name, such as "Animal~". For example, the start-up image that starts with "Animal~" shows an animal picture while the similarly named sound files feature animal sounds.



- •Settings that do not appear in the My Computer list of the My Camera window cannot be saved to the camera.
- •Do not detach the USB cable, turn the camera power off or disconnect the camera from the computer while the My Camera Settings are being saved to the camera or the settings from the camera are being saved to the computer.
- Confirm that the [Setup as a theme] tab is selected in the My Camera window.

To save the settings individually, select the [Set individually] tab and select the setting type in the [Data Type] list box.

2 Select the settings file you wish to save to the camera from the My Computer list.

If you are working in the [Setup as a theme] tab, the thumbnail (tiny version) of the start-up image will display to the right and the sound files will play in the order of start-up sound, shutter sound, operation sound and self-timer sound.

3 Select the setting from the Camera list that you would like to change and click [Save to Camera].

This concludes the process of saving the My Camera settings to the camera. The Camera list setting will change to the selected file. If a setting for this category has previously been saved to the camera, it will be overwritten.

Repeat steps 1-3 as required.

To use this data on the camera, change the start-up image and sound settings on the camera itself. Please see the *Camera User Guide* for these instructions.

Saving the Camera's My Camera Settings to the Computer

The My Camera Settings on the camera can be saved to the computer.



My Camera Settings can be selected and saved in either of two ways to the computer: individually or in theme sets.

Confirm that the [Setup as a theme] tab is selected in the My Camera window

To save the settings individually, select the [Set individually] tab and select the setting type in the [Data Type] list box.

Select the settings file(s) from the Camera list that you wish to save to the computer.

If you are working in the [Setup as a theme] tab, the thumbnail (tiny version) of the start-up image will display to the right and the sound files will play in the order of start-up sound, shutter sound, operation sound and self-timer sound.

- Click [Save to PC].
- Add a name to the settings file you are saving and click [OK].

This concludes the process of saving the My Camera settings to the computer.

Repeat steps 1-3 as required.

Adding New Data to the My Camera Window

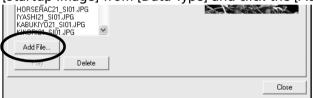
To add new data to the My Camera window, you need to create it, save it to the computer and add that file to the My Camera window.

Create an Original Start-up Image File and then Add It

Start by using an image editing program to create the image file that will become the start-up image and save it to the computer. Create the file in the JPEG format at a size of (w) $320 \times (h) 240 = h$

Once you have created the data and saved it to the computer, use the following procedures to add it to the My Camera window.

1 Open the My Camera window, click the [Set individually] tab, select [Startup Image] from [Data Type] and click the [Add File] button.



This will display a dialog for opening files.

Select the file you created and click [Open].

The selected file will appear in the Computer list.

This concludes the process for adding new data.

You can save the newly created data to the camera using the procedures described in the *Saving the My Camera Settings to the Camera* section (p. 49).



To delete a setting, select the file name and click the [Delete] button at the bottom of the My Computer list.

Create an Original Sound File and then Add It

The following example shows how to record and create a start-up sound file using the My Camera Sound Maker window.

QuickTime is required to play the recorded sound.

Click the [Camera] menu in the ZoomBrowser EX main window and select [Create a My Camera Sound].

The My Camera Sound Maker window will display.

2 Click the tab of the sound file you will be creating, followed by the [Record] button. Click the [Start_up Sound] tab in this example.





To open a sound file already saved to the computer, click the [Open] button in place of the [Record] button. Then skip to Step 6.

3 Click the [Start] button.

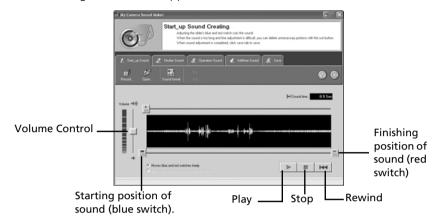


Recording will start.

4 When the recording is complete, click the [Stop] button, followed by the [Close] button.

Recording will stop after 30 seconds elapses even if the Stop button is not clicked. In that case, just click the [Close] button.

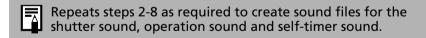
The following window will appear.



- 5 Click the [Sound Format] button as required and select a sound format.
- **6** Edit the sound data so that it conforms to the time limits.

 Adjust the time of the recording with the blue or red switch.

 The extra data outside the starting and finishing switches can be erased by clicking the [Cut] button.
- **7** Click the [Save] tab, confirm that the sound file was created, input a file name and then save it.
- **8** Click the [Save] button, add a file name and save it.



You can add the file to the camera with the procedures described in the Saving the My Camera Settings to the Camera section (p. 49).



- •To delete a setting, select the file name and click the [Delete] button at the bottom of the My Computer list.
 - Record the sound as an 11.025 kHz or 8.000 kHz, 8 bit, mono sound in the WAV format. The following chart shows standard time lengths for My Camera Sounds.

Туре	Duration in Seconds	
	11.025 kHz	8.000 kHz
Start-Up Sound	1.0 sec. or less	1.3 sec. or less
Shutter Sound	0.3 sec. or less	0.4 sec. or less
Operation Sound	0.3 sec. or less	0.4 sec. or less
Self-Timer Sound	2.0 sec. or less	2.0 sec. or less

Using the Software on the Macintosh Platform

- Preparations -

This chapter explains the basic procedures for installing the software. Read this material before you connect the camera to the computer for the first time.

Installing the Software

Start by installing the software from the Canon Digital Camera Solution Disk.

Items to Prepare

- Your computer
- Canon Digital Camera Solution Disk supplied with the camera

Installation Procedures

- Close any programs that are running.
- Place the Canon Digital Camera Solution Disk in the computer's CD-ROM drive.
- Double-click the CD-ROM icon, followed by the [Mac OS X] and [Canon Digital Camera

Installer



icons.

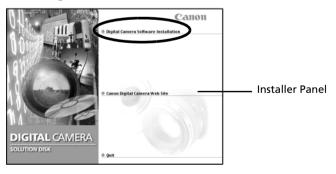
With Mac OS 9, double-click the CD-ROM icon, followed by the [Mac OS 9] and [Canon Digital

Camera Installer icons.



The installer panel will display automatically.

Click [Digital Camera Software Installation].



This will start the installation.

Follow the onscreen instructions to proceed with the installation.

Remove the disk from the CD-ROM drive when the installation is complete.





See *Uninstalling the Software* (p. 93) to delete the software installed with these procedures.

This concludes the software installation. Continue by downloading images to the computer (p. 67).

Using the Software on the Macintosh Platform

- The Basics -

This chapter explains the procedures for using ImageBrowser to download the camera's images to the computer and print them.

Read this chapter after completing the preparations in the *Using the Software* on the *Macintosh Platform - Preparations -* section.

Starting ImageBrowser

Begin by starting up ImageBrowser. The startup procedures vary according to whether you are connecting the camera to the computer or using a memory card reader.

Camera to Computer Connection

Mac OS X

Attach the supplied USB cable to the computer's USB port and the camera's Digital Terminal. Prepare the camera for communication with the computer.



Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See *Information about Your Camera* (p. 105) for details.

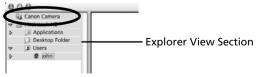
iPhoto or Image Capture will automatically start when the camera and computer are ready to connect. If either of these programs does not start, proceed to Step 3.

- 2 Click
 at the upper left of the iPhoto or Image Capture window to close it.
- **3** Double-click the [Canon ImageBrowser] icon on the desktop.



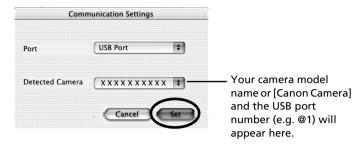
If the Canon ImageBrowser icon does not appear on the desktop, double-click the [Canon Utilities] folder on the drive on which the program was installed, followed by the [ImageBrowser] folder and [ImageBrowser] icon.

4 Click [Canon Camera] in the Explorer View section.



The Communication Settings dialog will display. This dialog will only appear for the first connection.

5 Confirm that [USB port] is selected as the port option and that your camera model name or [Canon Camera] are selected as the detected camera. Click [Set].



iPhoto or Image Capture may automatically start up at the same time as the Camera Window. Step 6 is not required when neither program starts up automatically.

- **6** Click the **⋒** icon at the top left of the iPhoto or Image Capture window to close the program.
- **7** Confirm that the images from the camera are displayed as thumbnails (tiny versions) in the Camera Window.



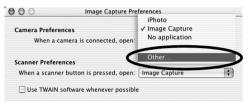
Camera Window

How to Set ImageBrowser to Start Automatically with Mac OS X

You can have ImageBrowser start automatically when you connect the camera to the computer by adjusting the following settings.

Mac OS X v10.2

- 1. Start Image Capture, click the [Image Capture] menu and select [Preferences].
- 2. In the next menu, click the [Camera Preferences] list box and select [Other].



- 3. Select [ImageBrowser] in the program selection window.
- 4. Close Image Capture.

ImageBrowser will start automatically from the next connection onward.

Mac OS X v10.1

 Start Image Capture and select [Other] from the Hot Plug Action list box.



- 2. Select [ImageBrowser] in the program selection window.
- 3. Close Image Capture.

ImageBrowser will start automatically from the next connection onward.

Mac OS 9

Attach the supplied USB cable to the computer's USB port and the camera's Digital Terminal. Prepare the camera for communication with the computer.



Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See *Information about Your Camera* (p. 105) for details.

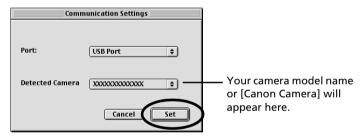
ImageBrowser will start and open the ImageBrowser Automation Wizard dialog.

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



The Communication Settings dialog will display. This dialog only appears the first time the camera is connected.

3 Confirm that [USB port] is selected as the port option and that your camera model name or [Canon Camera] are selected as the detected camera. Click [Set].



The Camera Window will open and display the camera's images as thumbnails (tiny versions).

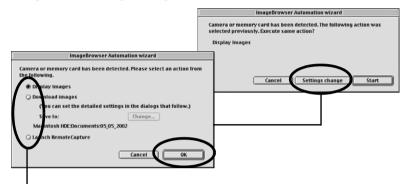




In the ImageBrowser Automation Wizard dialog, you can select the action that is carried out after ImageBrowser starts.

What to Do the Next Time ImageBrowser is Started

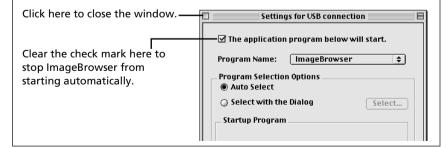
A dialog with the previously selected automated settings will display the next time you start ImageBrowser. To use these settings unchanged, click the [Start] button. To do nothing, click [Cancel]. To change the settings, click [Settings change].



To change the settings, click [Settings Change] and select the desired action in the ImageBrowser Automation Wizard dialog.

How to Set ImageBrowser to Not Start Automatically

- Click the Apple menu and select [Control Panels] and [Canon ImageBrowser Auto Launch].
 The Settings for USB Connection dialog will display.
- Click [The application program below will start] to clear the check
- 3. Click the close box **a** at the upper left to close the window.

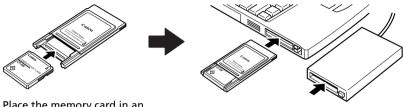


Next, download images to the computer (p. 67).

Memory Card Connection

Insert the memory card into the reader.

Use a separately sold card adapter (PCMCIA adapter) if required. See the manual for the memory card for its connection and handling instructions.



Place the memory card in an adapter if required.

Insert the loaded adapter into the slot.

2 Start ImageBrowser.

Double-click the [Canon ImageBrowser] icon on the desktop.



If the icon does not appear on the desktop, double-click the folder in which you installed the program, followed by the [Canon Utilities] and [ImageBrowser] folders and the [ImageBrowser] file.

3 Double-click the [DCIM] folder in the Explorer View Section.



The images from the memory card will display as thumbnails (tiny versions) in the Camera Window.





See *Memory Card Folder Structure* (p. 94) for information about memory card folder structures and file names.

Next, download images to the computer (p. 67).

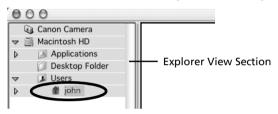
Downloading Images to the Computer

Creating a Folder to Receive Downloaded Images

Create a new folder for downloaded images with the following procedures.

- Click the window labeled [Browser Window] and bring it to the foreground.
- 2 Select the [Users] folder and the subfolder labeled with your user name on the startup disk.

Mac OS 9 users should select [Macintosh HD] in the Explorer View section.

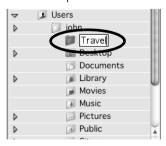


Click the [File] menu and select [New Folder].

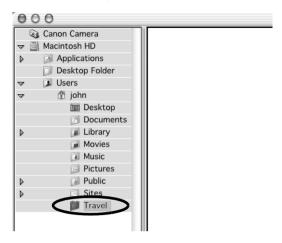


This will create a folder labeled "Untitled."

4 Input a new name and press the [return] key. This will replace the name with the one you type.



Select the newly created folder.

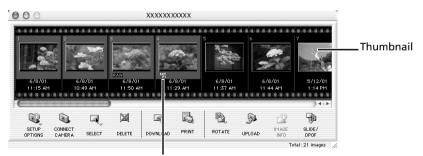


Downloading Images

Download images to the new folder.

- Click the Camera Window to bring it to the forefront.
- Click the images to download.

A blue frame appears around selected images.



The movie icon displays on movie thumbnails.

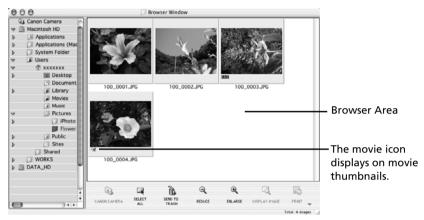


You can select multiple images by holding the [shift] key while clicking images.

3 Click [Download].



The downloaded images will copy to the computer and appear in the Browser Area.





- You can also download images to the computer by dragging them from the Camera Window and dropping them on the Browser Area or the Explorer View Section.
- To close the connection to the camera, click the close box ☐
 (Mac OS 9) or the red close box ☒ (Mac OS X) at the top left
 of the Camera Window.
- •Your camera uses a standard image transfer protocol called the Picture Transfer Protocol (PTP). With the PTP protocol and Mac OS X, you can easily download images by connecting the camera to the computer with a USB cable and using the software preinstalled on your operating system, such as iPhoto and Image Capture. (You do not even need to install ImageBrowser.) However, there are some inconveniences and limitations to this downloading method. See the For Windows® XP and Mac OS X Users leaflet for details.

Continue by printing out an image (p. 70).

Printing Images

Printing

Select the image(s) you wish to print.
A blue frame appears around selected images.

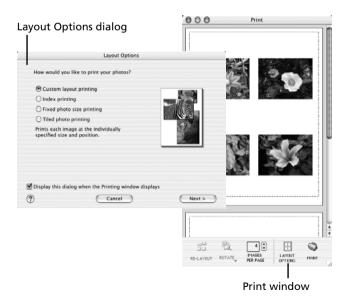


Movie images cannot be printed.

Click the [Print] button and select [Layout printing] from the displayed menu.



This displays the Layout Options dialog and the Print window.



3 Confirm that [Custom layout printing] is selected and click [Next].



- •Selecting the [Custom layout printing] option allows you to freely specify the image size and position for printing.
 - •Selecting an alternative option allows you to print the images in an index or in a tiled arrangement. The [Canon perforated paper printing] option can be selected with Mac OS 9.
- Select settings, such as the paper size, and click [OK]. This will close the Layout Options dialog and allow you to change the layout and print settings in the Print window.



The settings available in Step 4 will vary according to the type of layout selected in Step 3.

- Adjust the page layout in the Print window if you wish. See Print Window Features (p. 72) for information about changing layouts.
- Click the [Print] button in the Print window. This will display the Print dialog.
- 7 Click [OK] to start printing.

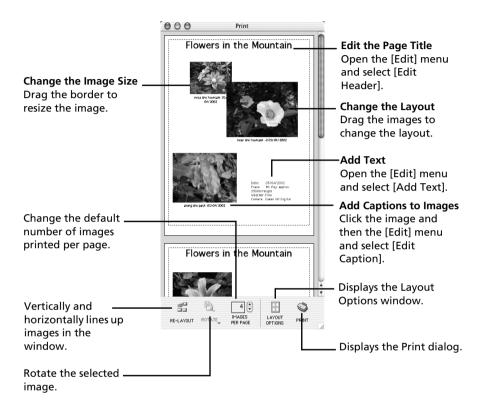


- You can start an index print by selecting [Index printing] in Step 2.
- Images shot with Exif 2.2-compliant cameras (Exif Print) incorporate information about the shooting settings, such as the camera modes and settings. Better prints can be made by using this information to correct the image. You can set this function by clicking the [ImageBrowser] menu and selecting [Preferences] (in Mac OS 9, click the [Edit] menu to select [Preferences]), followed by [Print] in the list box and [Image Correction Settings].

This concludes the image printing process.

Print Window Features

When the [Custom layout printing] option is selected in the Layout Options window, you can freely change the size and position of the images for printing.



This chapter explained the ImageBrowser basics. Once you have mastered them, read the following chapter to try the advanced techniques. *Using the Software on the Macintosh Platform - Advanced Techniques -* (p. 73).



A PDF-format manual for ImageBrowser is also available. It provides further information about the program's features and procedures. See *Using the PDF Manuals* (p. 6).

Using the Software on the Macintosh Platform

- Advanced Techniques -

This chapter explains how to use various ImageBrowser features, such as how to play movies and create panoramic images.

Proceed to this chapter once you have mastered the basic ImageBrowser procedures in the *Using the Software on the Macintosh Platform - The Basics -* chapter.

Replaying Movies

When you double-click an image with a movie icon in the ImageBrowser's Browser Area, QuickTime Player will start and replay the movie.

- **1** Double-click an image with a movie icon. QuickTime Player will start.
- **2** Click the play button in QuickTime Player. The movie will replay.



Operating the Shutter Remotely

You can record still images by using a computer to control the shutter of a connected camera. This is particularly useful for checking images on the larger display of the computer as you record them and for high volume photography without worrying about filling the camera's memory card.



See *Information about Your Camera* (p. 105) to see whether your camera model is compatible with this feature.

Preparing for Remote Shooting

1 Ensure that the camera is connected to the computer and that ImageBrowser is displaying its Browser Window.

Close the Camera Window if it appears.

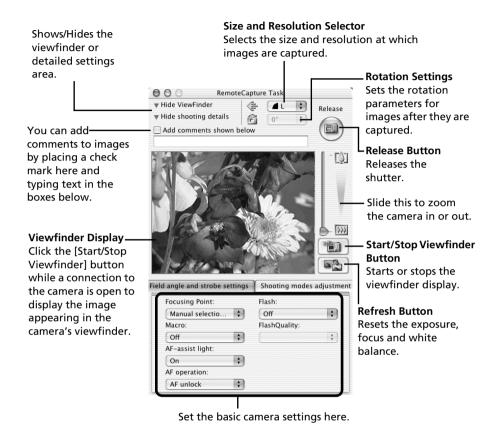


Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See *Information about Your Camera* (p. 105) for details.

- 2 Open the lens cover or remove the lens cap on models equipped with them. Proceed to the next step if your model does not have one.
- **3** Click the [Edit] menu and select [RemoteCapture]. The RemoteCapture Task window will appear.

RemoteCapture Task Window

The RemoteCapture Task window has the following features.





- •The settings available in the RemoteCapture Task window vary between camera models.
 - RemoteCapture Task locks the exposure and focus settings for the subject matter in the Viewfinder section. If the lighting or distance to the subject changes, click (to reset these settings.

Remote Shooting



Ensure that you turn off your computer's sleep mode before you begin remote shooting. The device performance cannot be guaranteed if the computer enters the sleep mode.

- 1 Click the icon if the image does not appear in the viewfinder at the window. Use the viewfinder to confirm the image.
- **2** Change the image size or resolution, the rotation settings and the settings at the bottom of the window as required.

If you are tilting the camera 90° on end to capture tall subjects, such as people, set the [Rotation Settings] category to [90°-L] or [90°-R] so the image appears with the correct orientation in the computer display.



If your camera is equipped with the Auto Rotate function and you set it to On, the image will automatically be rotated and appear in the correct viewing orientation in the RemoteCapture Task window.

3 Click the [Release] button.

The image will record.

The recorded image is saved to the folder that was displayed in the window when the remote shooting procedures were initiated.



- You can release the shutter by pressing the camera's shutter button or the keyboard's space key.
- The zoom controls and other camera buttons and switches, except for the shutter button, cannot be operated while the camera is being used for remote shooting.
- You may notice that the interval between the shutter release and activation is slightly longer for remote shooting than when the camera is used independently.

Interval Timer Shooting

Interval timer shooting is a method of shooting that records a specified number of frames at set intervals.

- 1 Click the [Edit] menu in the RemoteCapture Task window and select [Interval Timer Shooting].
- **2** Click [OK] in the confirmation dialog.
 The Interval Timer Shooting window will display.
- **3** Set the number of frames and the interval value and click [Start]. This will record the specified number of frames at the specified interval.
- 4 Click [OK] in the confirmation dialog.



You can set the time interval between 5 seconds to 60 minutes.



Please note that the camera will not be able to shoot at the specified interval if it is shorter than the time required to transmit the data and save it to the computer.

Timer Shooting

Timer shooting is a method of shooting that records a frame after a specified number of seconds.

- Click the [Edit] menu and select [Timer Shooting]. The Timer Shooting window will display.
- **2** Set the timer interval and click [Start].

 This will record an image after the specified time has elapsed.



You can specify a timer interval from 2 to 30 seconds.

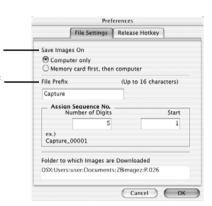
Other Features

Changing the File Saving Method

- Click the [RemoteCapture Task] menu and select [Preferences]. For Mac OS 9, click the [File] menu and select [Preferences]. A window similar to the one in step 2 will appear.
- Select a file settings option and click [OK].

Sets whether images are saved only to the computer or to both the computer and the memory card in the camera.

Input a root name for the image files here. If -you input "Capture", for example, the first image will be named [Capture_00001.jpg] and successive images will automatically be assigned a name that is one number higher than the last.





Selecting [Computer only] in the "Save Images On" category allows you to shoot when there is no memory card in the camera or when the camera's memory card is full.

Displaying the Subject in the Camera's LCD Monitor

You can view the subject you are shooting in the camera's LCD monitor.

- Click the [File] menu and select [Camera Display Settings].
 The Camera Display Settings dialog will display.
- Select [Camera's LCD monitor] and click [OK].
- **3** Click the icon.



You can display the subject on a TV connected to the camera by selecting [Video Out terminal] in Step 2. See the *Camera User Guide* for instructions to connect the camera to a TV.

Merging Panoramic Images - PhotoStitch

You can create a wide panoramic image by merging several images, such as those shot in the camera's Stitch Assist mode.

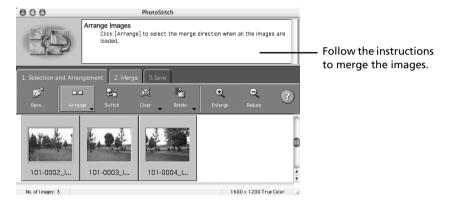
Use the PhotoStitch program to merge the images.

Starting PhotoStitch

Start PhotoStitch from ImageBrowser.

- **1** Select a series of images in the ImageBrowser's Browser Area.
- 2 Click the [Edit] menu and select [PhotoStitch].

A window similar to that below will appear.



3 Merge the images following the instructions in the guidance panel at the top of the PhotoStitch window.



Images shot in Stitch Assist mode with a wide converter, teleconverter or close-up lens cannot be merged accurately.

Images Shot in Stitch Assist Mode

It is easy to merge images shot with the camera's Stitch Assist mode since PhotoStitch automatically arranges them in the correct order and orientation. Stitch Assist mode images appear in the Camera Window as shown below.

Images shot in Stitch Assist mode display a mark like this.





- You can also start PhotoStitch by clicking the mark shown on images shot in Stitch Assist mode.
- See the *Camera User Guide* for information about shooting in Stitch Assist mode.

Enjoy Customizing Your Camera with the My Camera Settings

The start-up image, start-up sound, shutter sound, operation sound, and self-timer sound are called the My Camera Settings. You can add your favorite images and sounds from your computer to the My Camera Settings. This topic explains how to upload the My Camera Settings saved onto your computer to the camera and vice versa. Use ImageBrowser to perform this function.

Displaying the My Camera Window

To save the My Camera Settings to the camera, you use the My Camera window. The following explains the procedures for displaying the My Camera window.

- Connect the camera to the computer, start ImageBrowser and display the Camera Window.

 For starting instructions for ImageBrowser, see *Starting ImageBrowser* (p. 60).
- 2 Click [Setup Options] in the Camera Window and select [My Camera] in the pop-up menu.



The Select My Camera dialog will display.

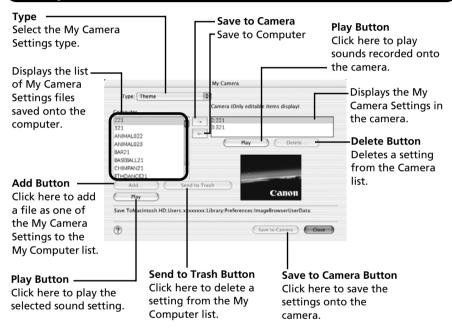
Select [Start-up Image, Start-up Sound, Operation Sound, Selftimer Sound and Shutter Soundl and click [OK].

This will display the My Camera window.



ImageBrowser already contains several pre-recorded My Camera Settings items. You can check these items with the My Camera window.

The My Camera Window





You can add new files as My Camera Settings to the My Camera window. See Adding New Data to the My Camera Window (p. 85).

Saving the My Camera Settings to the Camera

You can save the My Camera Settings displayed in the My Camera window to the camera.



- •My Camera Settings can be selected and saved in either of two ways to the camera: individually or in theme sets.
- •The "Animal" theme, for example, features an animal in the start-up image and animal calls in each of the sound files. The names of the prepared files for the various My Camera Settings themes all begin with the same root name, such as "Animal~". For example, the start-up image that starts with "Animal~" shows an animal picture while the similarly named sound files feature animal sounds.



- •Settings that do not appear in the My Computer list of the My Camera window cannot be saved to the camera.
- •Do not detach the USB cable, turn the camera power off or disconnect the camera from the computer while the My Camera Settings are being saved to the camera or the settings from the camera are being saved to the computer.
- Confirm that the type of setting you wish to save to the camera is selected in the Type list box.
- **2** Select the setting from the Computer list that you would like to add. If you selected [Theme] in the Type category, the thumbnail (tiny version) of the start-up image will display to the right and the sound files will play in the order of start-up sound, shutter sound, operation sound and self-timer sound.
- 3 Select the setting in the Camera list that you would like to change and click the → button.

The Camera list setting will change to the selected file. If a setting for this category has previously been saved to the camera, it will be overwritten. Repeat steps 1-3 as required.

4 Click the [Save to Camera] button.

This concludes the process of saving the My Camera Settings to the camera.

To use this data on the camera, change the start-up image and sound settings on the camera itself. Please see the *Camera User Guide* for these instructions.

Saving the Camera's My Camera Settings to the Computer

The My Camera Settings on the camera can be saved to the computer.



My Camera Settings can be selected and saved in either of two My Camera Settings can be selected and theme sets. ways to the computer: individually or in theme sets.

- Select the type of setting you wish to save to the computer from the Type list box.
- Select the setting in the Camera list that you wish to save to the computer.

If you selected Theme in the Type category, the thumbnail (tiny version) of the start-up image will display to the right and the sound files will play in the order of start-up sound, shutter sound, operation sound and self-timer sound

- Click the button.
- Input a file name to the selected setting and click the [OK] button. This concludes the process of saving the My Camera Settings to the computer.

Adding New Data to the My Camera Window

To add new data to the My Camera window, you need to create the new data, save it to the computer and add that file to the My Camera window.

Create an Original Start-up Image File and then Add It

Start by using an image editing program to create the image file that will become the start-up image and save it to the computer. Create the file in the JPEG format at a size of (w) 320 x (h) 240 pixels.

Once you have created the data and saved it to the computer, use the following procedures to add it to the My Camera window.

1 Open the My Camera window, select the type of setting you wish to add from the Type list box.

2 Click the [Add] button.

This will display a dialog for opening files.



3 Select the file you created and click [Open].

The selected file will appear in the Computer list.

This concludes the process for adding new data.

You can save the newly created data to the camera using the procedures described in the *Saving the My Camera Settings to the Camera* section (p. 84).



To delete a setting, select the file name and click the [Send to Trash] button at the bottom of the My Computer list.

Add an Original Sound File

Use a program such as ArcSoft VideoImpression to change the file format to the WAV format after you have copied the sound file. Then proceed with the steps on the previous page.



- With Mac OS 9, you can use the standard-issue SimpleSound program to record a sound file.
- Record the sound as an 11.025 kHz or 8.000 kHz, 8 bit, mono sound in the WAV format. The following chart shows standard time lengths for My Camera Sounds.

Туре	Duration in Seconds			
Туре	11.025 kHz	8.000 kHz		
Start-Up Sound	1.0 sec. or less	1.3 sec. or less		
Shutter Sound	0.3 sec. or less	0.4 sec. or less		
Operation Sound	0.3 sec. or less	0.4 sec. or less		
Self-Timer Sound	2.0 sec. or less	2.0 sec. or less		

Appendices

This chapter introduces the CD-ROMs included in your package and the procedures for installing the programs. It also explains how to uninstall the programs.

Read the *Troubleshooting* section in this chapter if you experience a problem using the programs.

About the CD-ROMs Supplied with the Solution Disk

CD-ROMs containing image editing programs are included in your camera package along with the Canon Digital Camera Solution Disk. This topic explains the program features and installation procedures for each CD-ROM.



The CD-ROMs supplied with the cameras differ by model. See *Information about Your Camera* for details (p. 105).

ArcSoft Camera Suite 1.2 CD-ROM

This CD-ROM contains the following programs.

Program	Compatible Operating System						
	Windows				Macintosh		
	98	Me	2000	XP	OS 9	OS X	
ArcSoft PhotoImpression			•				
ArcSoft VideoImpression						•	

The free hard disk space required to install ArcSoft Camera Suite 1.2 is 475 MB or more on a Windows system and 375 MB or more on a Macintosh system.

What Can Be Accomplished with ArcSoft Camera Suite 1.2 Special Effects and Image Editing for Various Purposes

ArcSoft PhotoImpression

This program can be used to apply special effects, and edit and print images in simple steps. It can also be used to create postcards and calendars.

Programs for Editing Stills and Movies

ArcSoft VideoImpression

This program provides simple procedures for compiling a movie from multiple movie clips or stills and for editing out unwanted frames from movies.

Installing ArcSoft Camera Suite 1.2

Windows

Place the ArcSoft Camera Suite CD-ROM in the drive.

Follow the onscreen messages to install PhotoImpression and VideoImpression.

If the message does not appear automatically, click the Windows [Start] menu, select [My Computer], and double-click the [ARCSOFT] and [Setup.exe] icons

Windows 2000, Windows Me and Windows 98 users should double-click the [My Computer] icon on the desktop, followed by the [ARCSOFT] and [Setup.exe] icons

Macintosh

• Installing ArcSoft PhotoImpression

- 1 Close all programs that are running.
- 2 Place the ArcSoft Camera Suite CD-ROM in the drive.
- Open the CD-ROM window and double-click the [PhotoImpression 4], [English] and [PhotoImpression Installer] icons

Installation will start.

Follow the onscreen messages to proceed with the installation.

4 Click [Finish] when the message stating that the installation is complete appears.

Continue by installing ArcSoft VideoImpression.

• Installing ArcSoft VideoImpression

In the CD-ROM window, double-click the [VideoImpression 1.6], [English] and [VideoImpression 1.6 Installer] icons

Installation will start.

Follow the onscreen messages to proceed with the installation.

2 Restart the computer after the installation is complete.

This concludes the installation process for ArcSoft PhotoImpression and ArcSoft VideoImpression.

Uninstalling the Software

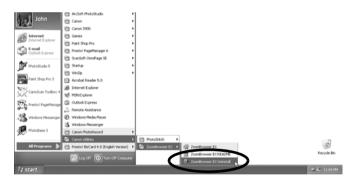
The procedures for uninstalling the software are only required when you wish to delete the programs from your computer or when reinstallation is required to fix corrupted files.

Uninstalling the Software (Windows)

Software Installed from the Canon Digital Camera Solution Disk

This explanation uses ZoomBrowser EX to demonstrate how to uninstall a program.

Click the Windows [Start] menu and select [Programs] or [All Programs], followed by [Canon Utilities], [ZoomBrowser EX] and [Uninstall ZoomBrowser EX].



The uninstall utility will start and remove ZoomBrowser EX.



- You can remove other programs with the same procedures.
- PhotoRecord can be uninstalled by clicking the Windows [Start] menu and selecting [Programs] or [All Programs], followed by [Canon PhotoRecord] and [Uninstall PhotoRecordl.

Uninstalling the Other Supplied Programs

ArcSoft PhotoImpression and VideoImpression

Uninstall these programs by clicking the Windows [Start] menu and selecting [Programs] or [All Programs], followed by [ArcSoft Camera Suite] and [Uninstall].

Uninstalling the USB Driver (Windows)

Use the following procedures to uninstall the USB driver.



It is essential to note that you will not be able to download images if you uninstall the USB driver.



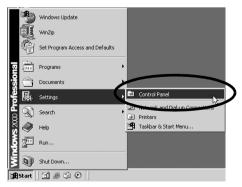
This procedure is not required with Windows XP.

1 Attach the supplied USB cable to the computer's USB port and the camera's Digital Terminal. Prepare the camera for communication with the computer.

For USB cable connection instructions, see Information about Your Camera (p. 105).

A dialog allowing you to select which application program to start will display.

- Click the [Cancel] button.
 - If ZoomBrowser EX is started, close it.
- 3 Click the [Start] menu and select [Settings], followed by [Control Panell.

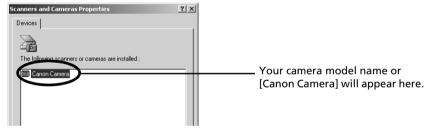


4 Double-click the [Scanners and Cameras] icon or folder.



5 Delete your camera model name or [Canon Camera] in the [Scanners and Cameras Properties] dialog.

Windows Me users should delete their camera model or [Canon Camera] in the [Scanners and Cameras] folder.



Windows 2000/Windows 98

Select your camera model name or [Canon Camera] and click [Remove].

Windows Me

Select your camera model name or [Canon Camera], right-click the mouse and select [Delete].



If your camera model name does not appear here, see the Camera not detected, Events dialog won't display or images will not download to the computer (p. 96) of the Troubleshooting section.

- Click the Windows [Start] menu and select [Programs] or [All Programs], followed by [Canon Utilities], [Camera TWAIN Driver x.x] and [Uninstall TWAIN Driver]. (A version number appears in place of the "x.x".)
 - Windows 2000, Windows 98: Perform Step 6 with no substitutions.
 - Windows Me: Substitute the following for the underlined portions of Step 6.

[Camera WIA Driver x.x], [Uninstall WIA Driver]

The uninstall process will start.

To connect the camera to the computer and download after this point, use the following procedures.

- 1. Reinstall the driver.
- 2. Connect the camera to the computer with the USB cable.

Uninstalling the Software (Macintosh)

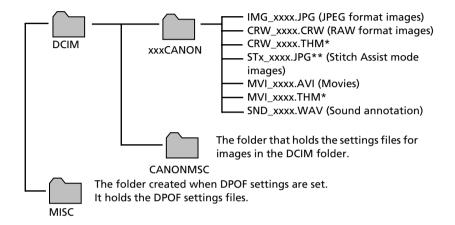
Uninstall the programs by dragging the application's folder (the folder in which it was installed) into the Trash, and then empty the Trash.



Please be careful not to accidentally delete any folders with downloaded images that may be contained within the application folder.

Memory Card Folder Structure

The images on a memory card are placed in the [DCIM] folder in subfolders labeled [xxxCANON], where the "xxx" represents a number in the range 100 - 998.



- *Files with the THM extension are the thumbnail image files for the camera's index replay mode.
- **Each successive file shot in Stitch Assist mode is assigned a letter starting from "A," which is inserted as the third digit in the name. i.e. [STA 0001.JPG], [STB 0002.JPG], [STC 0003.JPG] ...
- •The "xxxx" in file names represent four-digit numbers.
- All folders except the "xxxCANON" folders contain image settings files. Do not open or delete them.

Troubleshooting

Please read this section if you encounter a problem using the software.

Start by Checking This

Investigate the following points first if you encounter a problem.



Does your computer meet the following requirements?

Computer systems that fail to meet the following requirements to accommodate a camera connected by a USB cable are not supported. Please acquire the necessary system.

- Built-in USB port on a system pre-installed with Windows XP, Windows 2000, Windows Me, or Windows 98 (First or Second Edition)
- System with a genuine Apple Computer built-in USB port



Is the camera correctly connected to the computer?

See *Information about Your Camera* (pp. 105 - 109) for the correct connection procedures. Also check to ensure that you are using the correct cable and that it is securely attached at both ends.



Is the camera set to the playback mode? (some models only)

Some models require the camera to be set to the playback mode to transfer data. See *Information about Your Camera* (pp. 105 - 109) for details.



Is the battery sufficiently charged?

Check the battery charge if you are powering the camera with a battery. You are recommended to use a household power source (AC adapter) to power the camera when it is connected to a computer (if available for your camera model).

Problems

Try the suggested solutions to the common problems listed below.



USB driver installation not proceeding well (Windows)

Uninstall the driver (p. 91) before reinstalling it with the procedures in *Installing the Software and USB Driver* (p. 10).



Add New Hardware Wizard or New Hardware Found (Windows 2000) Wizard displays when the camera is connected to the computer with a USB cable.

Click [Cancel] to close the window. Temporarily disconnect the camera from the computer. Next, read *Start by Checking This* on the previous page and resolve the problem.



Camera not detected, Events dialog won't display or images will not download to the computer (when camera is connected to the computer via a USB cable)

Cause 1:

There is a problem with one of the items in the *Start by Checking This* section (p. 95).

Solution:

Resolve the problem.

Cause 2:

The USB driver is not installed. (Windows only)

Solution:

Install it with the procedures in *Installing the Software and USB Driver* (p. 10).

Cause 3:

The USB driver is not correctly installed. (Windows only)

Solution:

Uninstall the driver (p. 91) before reinstalling it with the procedures in *Installing the Software and USB Driver* (p. 10).

Cause 4:

The camera may have been recognized as another device under the following circumstances. (Windows only)

- The camera was connected to the computer before the USB driver was installed.
- The [Scanners and Cameras] icon or the [Scanners and Cameras] folder cannot be found in the [Control Panel] or the [Printers and Other Hardware] window.
- Your camera model name, [Canon Camera] or a camera icon does not display in the [Scanners and Cameras Properties] dialog or the [Scanners and Cameras] folder.

Solution 1:

Start with the following procedures.

Install the USB driver with the procedures in *Installing the Software and USB Driver* (p. 10). Then connect the camera to the computer with the USB cable and prepare it to transfer data. If the USB driver is already installed, uninstall it first and then reinstall it.

Solution 2:

If the problem is not resolved with the procedures in Solution 1, continue by implementing the following procedures. The specific steps are explained below.

- 1. Check to see if the camera is being recognized as an "other" device.
- 2. Delete the driver and the setup information files if it is being recognized as an "other" device.
- 3. Reinstall the driver.

This section explains the specific steps for each operating system.

Windows XP and Windows 2000



Users of Windows XP Professional and Windows 2000 must first log in as an Administrator (computer system administrator) to delete a driver.

<Check to see if the camera is being recognized as an "other" device and delete the driver if it is.>

- Windows XP: Click the [Start] menu, followed by [Control Panel], [Performance and Maintenance] and [System].
 Windows 2000: Click the [Start] menu and select [Settings] and [Control Panel]. Double-click the [System] icon.
- 2. Click the [Hardware] tab, followed by [Device Manager].

3. Click the 🛨 symbol beside the [Other devices] and/or [Imaging devices] category. Your camera model name or [Canon Camera] will display in these categories if it is being recognized as an "other" device.







There are other potential reasons for the problem if the "Other devices" or "Imaging devices" categories do not appear or your camera model name or [Canon Camera] does not appear. Proceed to Step 6, temporarily quit the procedures and investigate the other potential causes.

- 4. Select your camera model name or [Canon Camera], right-click and select [Delete].
- 5. Click [OK] in the confirmation dialog.

 Delete all instances of your camera model name or [Canon Camera] if it appears in one or more places in the [Other devices] or [Imaging devices] categories.
- 6. Close the System Properties window.



Step 7 and above are not required for Windows XP.

< Delete the setup information files>

7. Double-click the [My Computer] icon on the desktop, followed by the [C:] drive, [Winnt] folder and [Inf] folder.

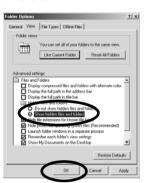
If the [Inf] Folder Is Not Visible in the [Winnt] Folder

Use the following procedures to show all files and folders.

- 1. Open the [Winnt] folder.
- 2. Click the [Tools] menu and select [Folder Options].
- 3. Click the [View] tab.
- 4. In the [Files and Folders] category in the Advanced Settings section, set [Hidden files and folders] to [Show hidden files and folders]. Remove the check marks from [Hide file extensions for known file types] if it is present.
- 5. Click [OK] to close the dialog.

This will make the hidden files and folders visible.





- 8. Look for files for Canon digital cameras that start with [Oem*]. The "*" represents a number, such as 0 or 1. [Oem*] files come in pairs of [Oem*.inf] and [Oem*.pnf] files. (For example, [Oem0.inf] and [Oem0.pnf]).
- 9. Double-click the [Oem*] files to check their contents.

 Double-clicking an [Oem*.inf] file will open it in the Windows Notepad program. Look for [;***Canon Camera Driver Setup File****] in the first line. Note down the names of these files.



Several sets of [Oem*] files may be present in the [Inf] folder. Open up each file to confirm that it is an [Oem*] file for Canon digital cameras before you do anything with the file.

10.Delete the [Oem*] file set.
Delete the [Oem*.inf] and [Oem*.pnf] file for Canon digital cameras that you noted down in Step 9.



The Inf folder contains numerous files critical to the computer's operation. Be extremely careful to delete the correct files. If you delete the wrong files, you may be unable to restart Windows.

<Reinstall the driver.>

11. Reinstall the driver with the procedures in *Installing the Software and USB Driver* (p. 10).

Windows Me/Windows 98

<Check to see if the camera is being recognized as an "other" device and delete the driver if it is.>

- Click the [Start] menu and select [Settings], followed by [Control Panel].
 Double-click the [System] icon.
 This will display the System Properties window.
- Click the [Device Manager] tab.
- 3. Click the 🛨 symbol beside the [Other devices] and/or [Imaging devices] category. Your camera model name or [Canon Camera] will display in these categories if it is being recognized as an "other" device.







There are other potential reasons for the problem if the "Other devices" or "Imaging devices" categories do not appear or your camera model name or [Canon Camera] does not appear. Proceed to Step 6, temporarily quit the procedures and investigate the other potential causes.

- 4. Select your camera model name or [Canon Camera] and click [Remove].
- 5. Click [OK] in the confirmation dialog.

 Delete all instances of your camera model name or [Canon Camera] if it appears in one or more places in the [Other devices] or [Imaging devices] categories.

6. Click [OK] to close the System Properties window.

< Delete the setup information files.>

7. Double-click the [My Computer] icon on the desktop, followed by the [C:] drive, [Windows] folder and [Inf] folder.

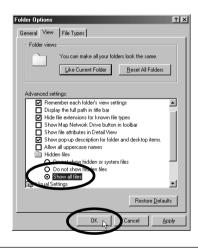
If the [Inf] Folder Is Not Visible in the [Windows] Folder

Use the following procedures to show all files and folders.

- Windows 98: Click the [View] menu and select [Folder Options].
 Windows Me: Click the [Tools] menu and select [Folder Options].
- 2. Click the [View] tab.
- 3. Windows 98: Set the [Hide files] section to [Show all files]. Windows Me: Set the [Hidden files and folders] section to [Show hidden files and folders].
- 4. Click [OK] to close the dialog.

This will make the hidden files and folders visible.





- 8. Find and delete the [Drvdata.bin] and [Drvidx.bin] files.
- 9. In the [Inf] folder, double-click the [Other] folder to open it.
- 10. Find and delete the [Canon.IncCAP_xxx.Inf] file. (The xxx represents numerals.)





You do not need to delete anything if none of the above files are contained in the [Other] folder.



The [Inf] folder contains numerous files critical to the computer's operation. Be extremely careful to delete the correct files. If you delete the wrong files, you may be unable to restart Windows.

<Reinstall the driver>

11. Reinstall the driver with the procedures in *Installing the Software and USB Driver* (p. 10).

"Server Busy" Displays During Image Download

Use the following procedures if a window similar the one below appeared when you downloaded images with ZoomBrowser EX running on Windows XP.

1. Click [Retry].



If the above screen appears again, click [Retry] until it disappears.

Zooming Images in ZoomBrowser EX is Slow or Not Working

Some graphics cards or settings may cause the display of zoomed images in ZoomBrowser EX to slow down or malfunction. If this occurs, set your computer display's Hardware acceleration setting to a lower setting.

- 1. Click the Windows [Start] menu, followed by [Control Panel] and [Appearance and Themes].
 With Windows 2000, Windows Me, or Windows 98, click the [Start]
- menu and select [Settings], followed by [Control Panel].

 2. Click the [Display] icon, followed by the [Settings] tab, [Advanced]
- 2. Click the [Display] icon, followed by the [Settings] tab, [Advanced] button and [Troubleshoot] tab.

 With Windows 2000, slick the [Display] icon, followed by the [Settings]
 - With Windows 2000, click the [Display] icon, followed by the [Settings] tab, [Advanced] button and [Troubleshoot] tab.
 - With Windows Me or Windows 98, click the [Display] icon, followed by the [Settings] tab, [Advanced] button and [Performance] tab.
- 3. Set the [Hardware acceleration] to a setting below [Full] and click [OK].
- 4. Restart the computer if prompted.

If You Were Using ZoomBrowser EX Version 2 or 3

Take the following steps if you were using ZoomBrowser EX version 2 or 3 with Windows.

If Titles and Comments Were Attached to Your Images.

Take the following steps to display in version 4 the titles and comments you input in version 2/3.

- 1. Use Windows Explorer to open the [Program] folder within the folder in which you installed ZoomBrowser EX 4. (e.g. C:\Program Files\Canon\ZoomBrowser EX\Program)
- 2. Double-click [dbconverter.exe] found in this folder to start this utility.
- 3. Select the database file you were using up to this point and click the [Start] button.

 (e.g. C:\Program Files\Canon\ZoomBrowser EX\Database\My

(e.g. C:\Program Files\Canon\ZoomBrowser EX\Database\My Database.zbd)

This will display the titles and comments input in the earlier versions in the comments section of ZoomBrowser EX 4.

If You Had Images in a Folder Below the Program Files Folder Image files in the [Program Files] folder or a subfolder cannot be displayed in ZoomBrowser EX 4 from that location. To display these files, first perform steps 1-3 above and then carry on with Step 4.

4. Use Windows Explorer to copy the folder and the images it contains from the [Program Files] folder to another folder. (e.g. Copy the image folders in C:\Program Files\Canon\ZoomBrowser EX\Library One to another location.)

The moved folder images can now be selected and displayed with ZoomBrowser FX 4.

Information about Your Camera

The software package and the procedures for connecting to a computer and preparing for data transfers vary between camera models. Certain software functions may also not be supported by some camera models.

Read this section to confirm the capabilities of your camera model.

Information Common to All Models

See the respective page for your camera model for information specific to that model (pp. 108 - 109).

Programs and Compatible Operating Systems

The CD-ROM labeled "Canon Digital Camera Solution Disk" is provided with all models. It contains the following programs.

	Compatible Operating System					
Program	Windows				Macintosh	
	98	Me	2000	XP	OS 9	OS X
ZoomBrowser EX	•			_		
ImageBrowser	_			•		
TWAIN Driver	•	_	•	_	_	-
WIA Driver	_	•	_	_	_	-
PhotoRecord	•			_		
PhotoStitch		•	•		•	•

Connecting the Camera to a Computer



Ensure that you have installed the software from the supplied Canon Digital Camera Solution Disk before you connect the camera to the computer.

- Your camera and computer
- USB cable supplied with the camera



- •Use the USB cable to attach the camera directly to a USB port on the computer, not through a USB hub. The connection may not operate correctly through a USB hub.
- •The connection may not operate correctly if you are using other USB devices, excluding USB mice or keyboards, at the same time as the camera. If this occurs, disconnect the other devices from the computer and try reconnecting the camera.
- •Do not connect two or more cameras at the same time to the same computer via the USB interface. The connections may not operate correctly.
- Never allow the computer to go into standby (sleep) mode while a camera is connected via the USB interface. If it does happen. never disconnect the USB cable. Try to awaken the computer with the camera in the connected state. Some computers will not awaken properly if you disconnect the camera while they are in standby (sleep) mode. Please refer to your computer manual for instructions regarding the standby (sleep) mode.



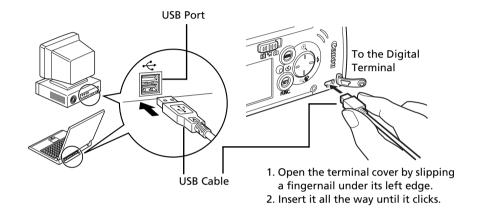
You are recommended to power the camera from a household power source (AC adapter) when connecting to a computer (if available for your camera model). Ensure that you use fully charged batteries if you will not be using a household power source.

See the page (pp. 108 - 109) for your specific model for information about connecting the camera to the computer.

PowerShot SD10 DIGITAL ELPH/DIGITAL IXUS i

How to Connect the Camera to a Computer and Prepare to Transfer Data

Attach the supplied USB cable to the computer's USB port and the camera's Digital terminal as shown below.



2 Set the mode switch to the playback mode and turn the camera's power on. This will prepare the camera to exchange data with the computer.

CD-ROMs in the Package

- Canon Digital Camera Solution Disk
- ArcSoft Camera Suite 1.2

See ArcSoft Camera Suite 1.2 CD-ROM (p. 88) for information about the features and installation procedures for the programs on the disk.

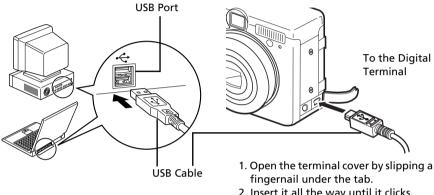
Non-Supported Programs and Features

The camera shutter cannot be controlled from a computer.

PowerShot A80

How to Connect the Camera to a Computer and Prepare to Transfer Data

Attach the supplied USB cable to the computer's USB port and the camera's Digital terminal as shown below.



- 2. Insert it all the way until it clicks.
- Set the mode switch to the playback mode and turn the camera's power on. This will prepare the camera to exchange data with the computer.

CD-ROMs in the Package

- Canon Digital Camera Solution Disk
- ArcSoft Camera Suite 1.2

See ArcSoft Camera Suite 1.2 CD-ROM (p. 88) for information about the features and installation procedures for the programs on the disk.

Non-Supported Programs and Features

All programs and features are supported.

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Canon Customer Support

For Canon Customer Support contacts, please see the Canon Limited Warranty supplied with your camera.

ArcSoft Customer Support

North America

46601 Fremont Blvd., Fremont, CA 94538

Tel: (510) 440-9901 (Mon. - Fri., 8:30 AM - 5:30 PM PST)

E-mail: support@arcsoft.com

Other Regions

Please see the ArcSoft web site: http://www.arcsoft.com/maininternational.html.

Canon

CEE113-010 X3CM Q003 CANN. PREDMAPAN