Canon

Software Starter Guide

••• DIGITAL CAMERA Solution Disk •••

Install the bundled software programs, and download images to the computer.

- This guide explains how to install the software programs and briefly introduces their functions and operating procedures.

- You may download images without installing this software. However, there are several limitations (p. 62).

ENGLISH

Table of contents

Using the PDF Manuals

The following 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 Reader must be installed to read the aforementioned manuals.

These 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

Disclaimer

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions. Canon reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
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- Canon makes no warranties for damages resulting from corrupted or lost data due to a mistaken operation or malfunction of the camera, the software, the memory cards, personal computers, peripheral devices, or use of non-Canon memory cards.

Canon Customer Support

For Canon Customer Support contacts, please see the customer support list supplied with your camera.

Read This First

This chapter explains what you can accomplish using the camera with the software contained on the DIGITAL CAMERA Solution Disk.

About this Guide
- The explanations in this guide are based on Windows XP and Mac OS X v10.4. If you are using another version of these operating systems, the actual screen contents and procedures may vary slightly from those shown.
- The following terms are used in this guide.
  Mac OS X is used for Mac OS X (v10.4-v10.5)

Precautions

- Install the software from the supplied DIGITAL CAMERA Solution Disk before you connect the camera to the computer.
- Depending on its capabilities, the computer may drop frames, or the audio may cut out, when playing movies.

Precautions for Connecting the Camera to the Computer
- The connection may not operate correctly if you attach the camera to the computer with an interface cable via 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. 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 cable. If it does happen, never disconnect the interface 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 use an AC adapter (sold separately) when connecting to a computer. Ensure that you use fully charged batteries if you cannot use an AC adapter.
- See the *Camera User Guide* for procedures connecting the camera to the computer.

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

Shoot the images

See your *Camera User Guide* for shooting instructions.

▼

Install the software on the computer

Just install the software once at the beginning.

Windows (p. 10)
Macintosh (p. 34)

▼

Connect the camera to the computer

See your *Camera User Guide* for connecting instructions.

Precautions for Connecting the Camera to the Computer (p. 4)

▼

Download images to the computer

Windows (p. 14)
Macintosh (p. 36)

▼

Print the images

Windows (p. 18)
Macintosh (p. 40)

Unbounded Possibilities with Entertaining Software

ZoomBrowser EX (Windows)/ImageBrowser (Macintosh)

Versatile image management software for downloading images, editing still images and movies, and printing.

Experiment with diverse printing techniques

Print a variety of layouts. Change paper sizes and print your photos with date stamps and comments to enjoy an expanded range of possibilities.
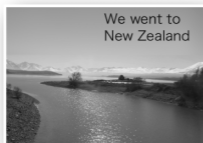
Windows (p. 18)   Macintosh (p. 40)

Printing images is easy

Print date stamps with your photos

2.2.2009

We went to New Zealand

Print comments on your postcards and invitations

Check multiple photos at a glance with index printing.

Edit a Movie

You can edit movies, linking movies and stills that have been downloaded to the computer, adding text, such as titles, adding background music or applying various special effects.

Windows (p. 30)   Macintosh (p. 52)

Extract Stills from Movies

You can extract a still from the displayed movie and save it as a new image file.
You can also specify a frame interval to extract multiple stills.

Windows (p. 24)   Macintosh (p. 46)

Enjoy Customizing Your Camera (My Camera)

Set your favorite images and sounds as the camera's start-up image or shutter sound. (Certain models only)

PhotoStitch (Windows/Macintosh)

A program for merging multiple images into dramatic panoramas.
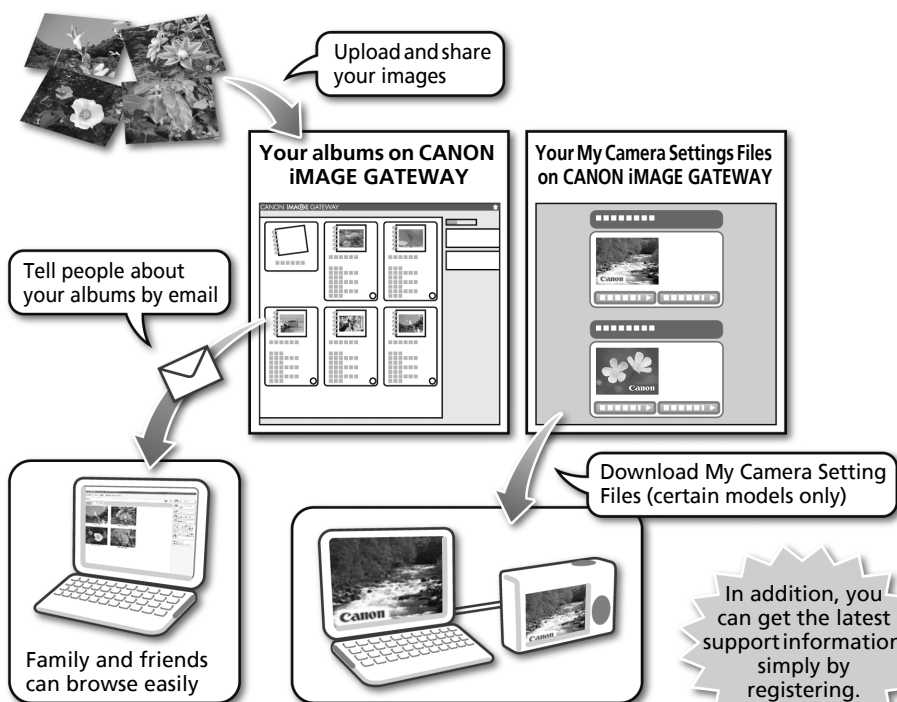
Stitch a Panorama Together

Enjoy Using CANON iMAGE GATEWAY to Take Advantage of the Internet

About CANON iMAGE GATEWAY (for U.S.A. Customers only)

CANON iMAGE GATEWAY is an online photo service for the purchasers of this product. Registering online allows you to use the various services. See the homepage for the latest menu of services.

http://www.cig.usa.canon.com/

Upload and share your images

Your albums on CANON iMAGE GATEWAY

Your My Camera Settings Files on CANON iMAGE GATEWAY

Tell people about your albums by email

Download My Camera Setting Files (certain models only)

Family and friends can browse easily

In addition, you can get the latest support information simply by registering.

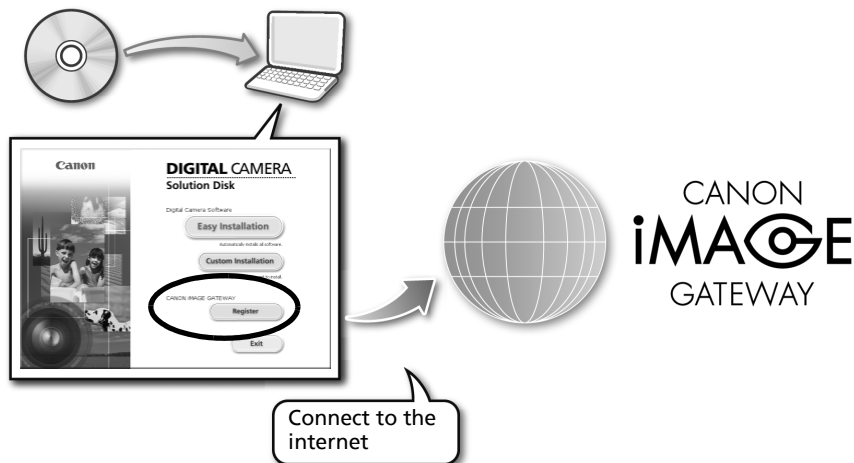- See the homepage for information regarding browser versions (Microsoft Internet Explorer, etc.) and settings to best connect to CANON iMAGE GATEWAY online photo services.
- Internet access is required (you must already have an account with an Internet service provider (ISP), browser software installed and an Internet connection).
- Any ISP account charges and access fees must be paid separately.

How to Register as a Member

You can register online using the supplied CD-ROM (DIGITAL CAMERA Solution Disk).

Supplied CD-ROM

Canon

DIGITAL CAMERA
Solution Disk

Digital Camera Software

(Easy Installation)

(Custom Installation)

CANON iMAGE GATEWAY

(Register)

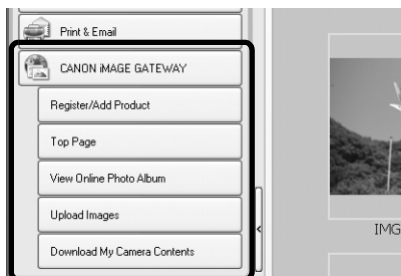(Exit)

CANON
iMAGE
GATEWAY

Connect to the internet

Even if you have previously registered, registering additional information about this product on CANON iMAGE GATEWAY allows you to access the latest support information.

Use CANON iMAGE GATEWAY with the Supplied Software

You can upload images to online albums or download My Camera Settings Files (certain models only) using the supplied software.

Windows (ZoomBrowser EX)　　　　Macintosh (ImageBrowser)

Print & Email

CANON iMAGE GATEWAY

Register/Add Product

Top Page

View Online Photo Album

Upload Images

Download My Camera Contents

02.JPG　　IMG_0003.JPG　　IMG_0004.JPG

Selecting Images

eShow　CANON iMAGE GATEWAY　Print & Email　Send to Trash

Register for Image Gateway...
Image Gateway Top Page...

Upload to Image Gateway...
Image Gateway Album...

Download My Camera Contents...

IMG_

To upload many images at once, use ZoomBrowser EX or ImageBrowser to reduce the image size in a single batch for greater convenience.

Using the Software on the Windows Platform – Preparations

This chapter explains how to install the software. Read this before connecting the camera to the computer for the first time.

Installing the Software

Start by installing the software from the DIGITAL CAMERA Solution Disk.

> • **Install the software before you connect the camera to the computer.**
> • **You must have authorization as a Computer System Administrator to install programs.**
> • **A sound card is required to play movie file audio tracks.**
> • **Microsoft .NET Framework 2.0 or later is required.**

Items to Prepare

• Your camera and computer
• DIGITAL CAMERA Solution Disk
• Interface cable supplied with the camera

Installation Procedures

1 **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 computer at the start.
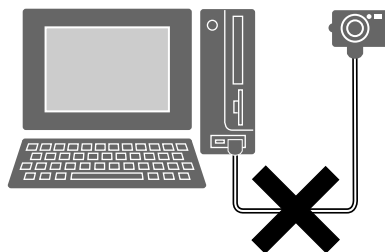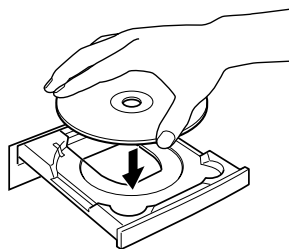
2 **Close any programs that are running.**

3 Place the DIGITAL CAMERA Solution Disk in the computer's CD-ROM drive.

If the [User Account Control] window appears, follow the on-screen instructions to proceed.
If the installer panel does not appear automatically, use the following procedures.

How to Display the Installer Panel
Use the following procedures to display the installer panel if it does not appear automatically.

1. Select [Computer] or [My Computer] from the [Start] menu.
2. Right-click the CD-ROM icon and select [Open].
3. Double-click the [SETUP.EXE]* icon.
4. When [User Account Control] window displays, follow the on-screen instructions to proceed.

* Some computers may not display the [.EXE] file name extension as shown above.

4 Click the Digital Camera Software [Easy Installation] button.

To individually select the software to install, click [Custom Installation].

Installer Panel

5 If other software is running, close each program before clicking [OK].

**6** Review the installation settings and click [Install].

The items in the list may differ from those illustrated depending on the software installed on your computer.

**7** Click [Yes] if you agree to all of the terms of the software license agreement.

The installation will start.

Follow the on-screen instructions to proceed with the installation.
Click [Yes] if a dialog confirming the installation of Microsoft .Net Framework displays.
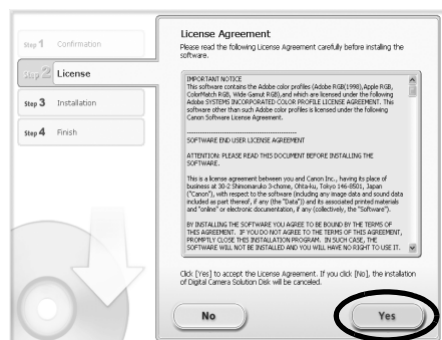
8 When the installation is over, select [Restart computer immediately (Recommended)] and click [Restart].

At this stage, do NOT remove the Solution Disk from the CD-ROM drive yet.
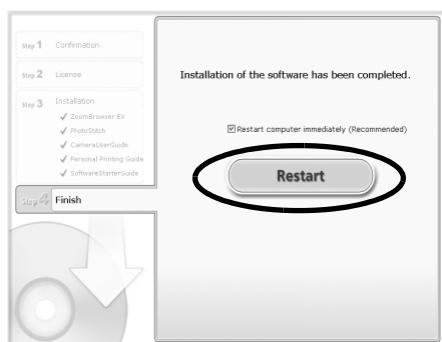
If there is no need to restart the computer, the [Finish] screen will display. Click [Finish], remove the Solution Disk from the CD-ROM drive to conclude the installation.

9 **Remove the disk from the CD-ROM drive when your normal desktop screen appears after restarting.**
This concludes the software installation.
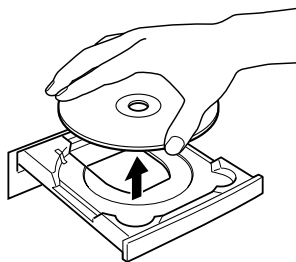
See *Uninstalling the Software* (p. 56) to delete the installed programs.

To ensure security on computers with Microsoft .NET Framework installed, it will be necessary to update the computer using Windows Update.

You may now download camera images to the computer (p. 14).

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.
Proceed to this chapter after completing the preparations in the *Using the Software on the Windows Platform – Preparations* section.

Downloading Images to the Computer

Begin by downloading the images to your computer. The downloading procedure is slightly different depending on whether you are using a camera to computer connection (see below) or a memory card reader (p. 16).

> • You may not be able to download images when the camera is connected to a computer if there are a large number of images (approximately 1000) on the memory card. Use a memory card reader to download in that case.
> • Movie files take time to download since the files are large.

Camera to Computer Connection

1   After connecting the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal, turn on the camera power, set it to playback mode and prepare it to communicate with the computer.

> Methods for connecting the camera to the computer and placing the camera in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

2 Select [Canon CameraWindow] when a dialog (Events dialog) similar to that on the right displays and click [OK].

In Windows Vista, select [Downloads Images From Canon Camera using Canon CameraWindow] from the AutoPlay dialog.

Your camera model name or [Canon Camera] will appear here.

Different programs may display depending on your computer setup.

Canon XXXXX

Camera connected

Select the program to launch for this action:

Canon CameraWindow
Downloads Images From Canon Camera

Microsoft Scanner and Camera Wizard
Download pictures from a camera or scanner

☐ Always use this program for this action

OK   Cancel

> If this Events dialog does not appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [CameraWindow] and [CameraWindow].

CameraWindow displays when the camera and computer are set to the mode to communicate. (Images are not downloaded at this point.)

3 Click [Transfer Untransferred Images].
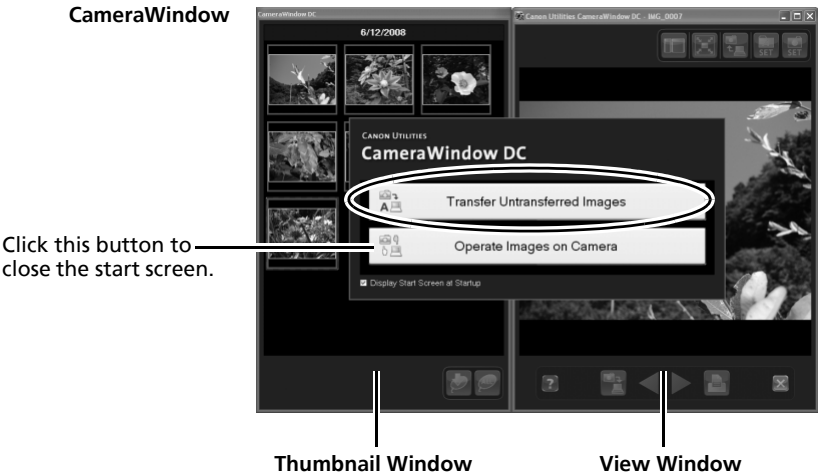
CameraWindow

6/12/2008

CANON UTILITIES
CameraWindow DC

Transfer Untransferred Images

Operate Images on Camera

☑ Display Start Screen at Startup

Click this button to close the start screen.

Thumbnail Window   **View Window**

> • To check images in the camera or to download only a portion of the images, click [Operate Images on Camera].
>
> • You can also click 📷 in the View Window to upload images to the camera that were downloaded to the computer.

When you click [OK] in the image transfer completion window, the transferred images will display in the Main Window.
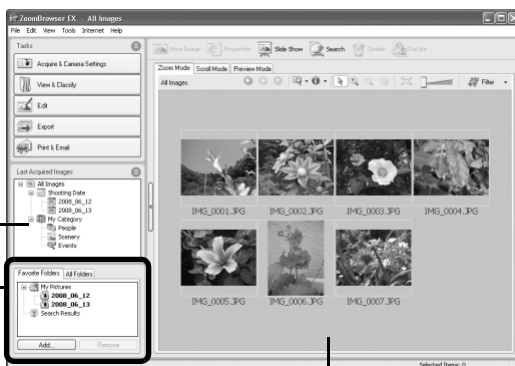
By default, downloaded images are saved in folders created in the [Pictures] or [My Pictures] folder. The folders' names are the dates the photos were taken.

The last downloaded images will display here according to both their shooting dates and categories (certain models only).

Folders Area
The downloaded symbol displays on downloaded folders.

Thumbnail

Next, print out the images (p. 18).

Memory Card Reader Connection

1 Insert the memory card into the reader.
Use a separately sold card adapter if required.
See the manual for the memory card reader for its connection and handling instructions.

2 Select [View/Download Images using Canon ZoomBrowser EX] when the dialog to the right appears and click [OK].
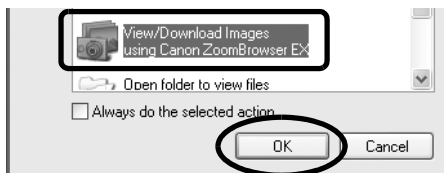
> If the dialog above fails to appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [ZoomBrowser EX Memory Card Utility], [ZoomBrowser EX Memory Card Utility], and proceed to Step 3.

3 Click [Download Images].

ZoomBrowser EX   Canon

Download Images

Lets you select and download images

Print Menu

Preferences...   Exit

You can adjust the settings, such as the type of image downloaded and the destination folder, by clicking [Preferences].

> • By default, all the images that have yet to be downloaded will download to the [Pictures] or [My Pictures] folder.
> • Click [Lets you select and download images] to show the memory card images in a list, check the images before downloading and download only selected images.
> • See *Memory Card Folder Structure* (p. 57) for information about memory card folder structures and file names.

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

At the same time they will also appear grouped by date and category in the [Last Acquired Images] section (certain models only).

Next, print out the images (p. 18).

Printing Images

There are three methods for using ZoomBrowser EX to print images: [Photo Print], [Index Print] and [Print Using Other Software]. This section explains how to use the [Photo Print] option.
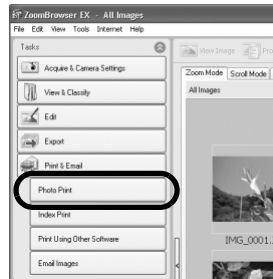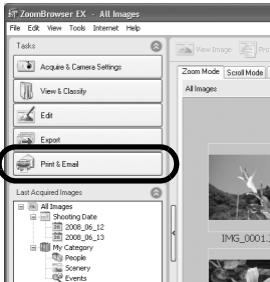
> • Movies cannot be printed, but you can print still images saved from movies.
> • To use the Index Print option, click [Print & Email] in the Main Window, followed by [Index Print].
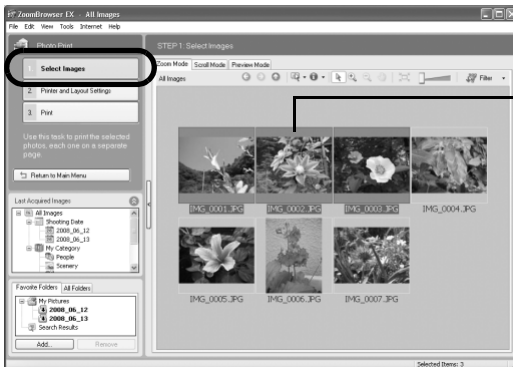
Photo Print

Prints one image on each page.

1 Click [Print & Email] in ZoomBrowser EX's Main Window, followed by [Photo Print].

2 After confirming that [1. Select Images] is selected, select images.
You can select multiple images by holding the [Ctrl] key down while clicking on successive images.
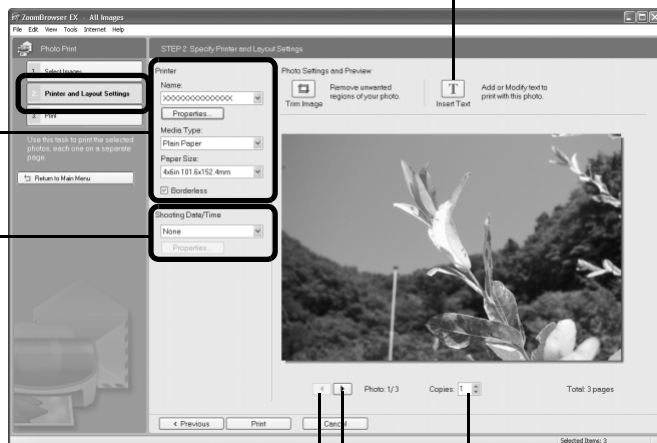

The background of selected images changes to blue.

3 Click [2. Printer and Layout Settings] and adjust the categories as you feel necessary.

Text can be inserted here to print with this photo.

Selects the printer and the paper size etc.

Selects a printing method for the shooting date/time information.

Sets the number of print copies.

This button switches between images if multiple images were selected.

4 Click [3. Print].
Printing will start.

This chapter explained the ZoomBrowser EX basics.
Once you have mastered them, try the advanced techniques.

•*Using the Software on the Windows Platform − Advanced Techniques* (p. 20).

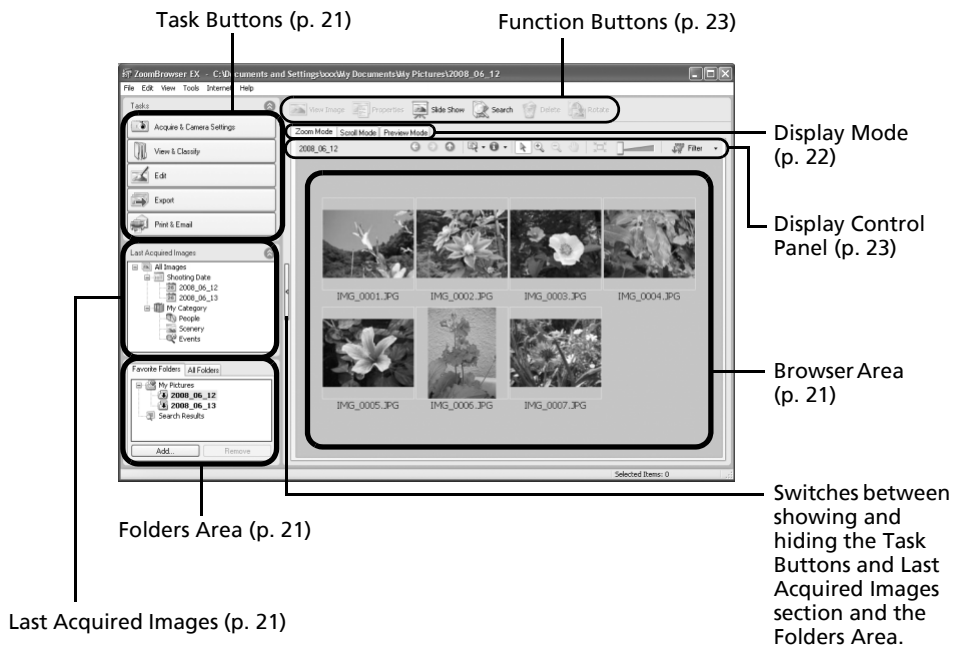# Using the Software on the Windows Platform – Advanced Techniques

This chapter explains various ZoomBrowser EX features.
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

This section describes the principal ZoomBrowser EX windows: the Main Window, Viewer Window and Properties Window.

Main Window

This window is for displaying and organizing images downloaded to the computer.

Task Buttons (p. 21)　　　　　Function Buttons (p. 23)

Display Mode (p. 22)

Display Control Panel (p. 23)

Browser Area (p. 21)

Switches between showing and hiding the Task Buttons and Last Acquired Images section and the Folders Area.

Folders Area (p. 21)

Last Acquired Images (p. 21)

Task Buttons

• ZoomBrowser EX's tasks are arranged here like an index.
• Click a Task button to carry out the desired task.
  These features are described in *ZoomBrowser EX Features* (p. 26)

Folders Area

• Use this area to select folders. The selected folders and the images within the selected folders display in the Browser Area.
  If you select a network drive in advance with Windows Explorer, you can display network folders, but you cannot add, change or delete those folders in the Browser Area.
• If you selected Favorite Folders, only the folders registered in advance as Favorite Folders will display. You are recommended to register a folder that you use frequently as one of the Favorite Folders. If you selected All Folders, all the folders will display.

Methods for Registering a Favorite Folder
• If [Favorite Folders] is displayed: click [Add] and select a folder.
• If [All Folders] is displayed: select a folder and click [Add to Favorites].
• To delete a folder in the Favorite Folders area, select a folder and click the [Delete] button.

Last Acquired Images

• You can check images grouped according to the shooting date or My Category (certain models only).

Browser Area

• The folders and the images within the folders selected in the Last Acquired Images section or Folders Area display here. The display style will vary according to your Display Mode selection.
• You can sort the image order in the Browser Area by file name, shooting date or other characteristics by selecting [View] and [Sort by].
• The following icons will display around images according to their attributes.

    Images shot with the camera's Stitch Assist mode

    RAW images

    Movies

    Protected images

    Images shot with the camera's AEB function

    Rotated Images (In display only)

Display Mode

• Selects the display style for the Browser Area.

Zoom Mode

Displays all the images in a folder as thumbnail images. This mode is convenient for searching for images since many can be displayed at once.


If additional folders are nested within a folder, their images are displayed as thumbnails as well.

If you move the mouse cursor over a folder, 🔁 will display on the upper right. Clicking here displays that folder zoomed in.
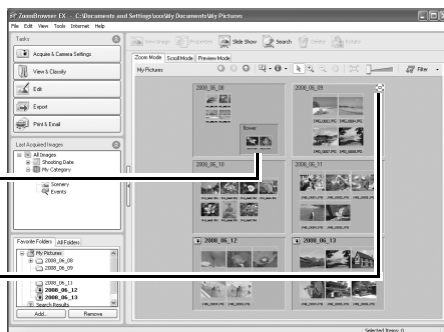
Scroll Mode

The images within the selected folder and subfolders will display. If you set the display folder depth (level) to [1] or greater, the thumbnails of the images in the folder will also display. You can change the folder depth in the [Tools] menu under the [Preferences] option.
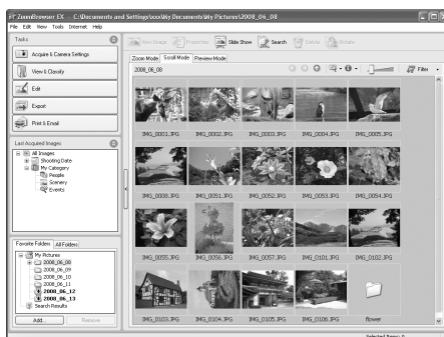
Preview Mode

This mode displays the image at a larger size as well as the image information.

In zoom mode or scroll mode, positioning the mouse pointer over a thumbnail causes the image to appear at a higher magnification in a Mouse Over window. You can also set the Mouse Over window to not show in the 🛈 ▾ (Show Information) menu.

Display Control Panel

• This panel adjusts the display settings for the Browser Area.

Selection Menu
Click this to select/deselect all images in the Browser Area.

Fit to Window
Changes the thumbnail size to fit them into the window.

Display Size
Changes the size of the thumbnail in the Browser Area.

Show/Hide Image Information Menu
Select here to show/hide such image information as the file name or shooting date or rating beneath the thumbnail.

Filter Tool Menu
Displays only images that correspond to specific conditions.

Select Button
Use this to select images in Zoom mode.

Function Buttons

• These buttons are available for executing various functions.

View Image Button
Displays the selected image or movie in the Viewer Window.

Slide Show Button
Starts a slide show of the selected images.

Rotate Button
Rotates the selected image.

Properties Button
Displays information about the selected image in the Properties Window.

Search Button
Searches for images using such criteria as the Star Rating, modification date, shooting date, comments or keywords.

Delete Button
Deletes selected images or folders.

Viewer Window

Double-click an image in the Browser Area to display it in the Viewer Window.

Edit Menu
You can edit, eliminating red eyes, adjusting colors and brightness, cropping and inputting titles. You can also use it to start up other programs for editing.

Print Button
Prints the displayed image.

Shooting Information Display Button
Displays image shooting information.

Synchronize Button
Synchronizes the display settings when multiple images are displayed.

Image Selector Button
Switches between images.

Sets the image display size to the size in the Viewer Window.

Displays images in the Viewer Window at their actual size.

Number of Displays Button
Displays multiple images at once. This is handy for comparing images.

Zoom
Changes the image zoom setting.

Star Rating
Sets the Star Rating for an image.

Full Screen Button
Displays the image in full screen mode. Click the image or press any key on the keyboard to restore the normal display mode.

- **RAW Image is Displayed**
  The [Display Original Image] button displays beneath the image. Clicking this button displays the converted image in the Viewer Window.
- **Movie is Displayed**
  - Buttons will appear beneath the movie, allowing it to be played or the sound to be adjusted.
  - You can extract still images from movies by clicking the [Save as still image] button, which appears beside the Star Ratings buttons. You can also delete unwanted sections at the beginning or end of movies by clicking the [Cut Movie] button.

Properties Window

The Properties Window displays when you select an image in the Browser Area and click the Properties button. The Properties Window does not display in the Preview Mode.

Shows or hides categories.

File Name
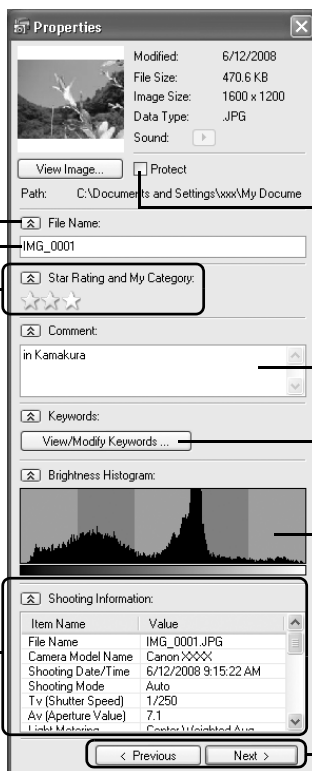The file name can be changed.

Star Rating and My Category
Sets the rating for an image. An icon will display if a My Category is set (certain models only).

Shooting Information
Displays detailed information, such as the shutter speed and exposure compensation setting. The camera model will determine what information is displayed.

Protect
Prevents an image from being overwritten or deleted.

Comment
You can type a comment here.

Keywords
Sets the keywords used in searches.

Brightness Histogram
A graph of the highlights and shadows distribution in an image.

Image Selector Buttons
If multiple images are selected with the Properties Window displayed, you can switch between the images for which the information is displayed.

ZoomBrowser EX Features

This section briefly introduces the ZoomBrowser EX features.

> Some ZoomBrowser EX functions may not be available with certain camera models. Check the *Specifications* section of your *Camera User Guide* to see if your model supports them.
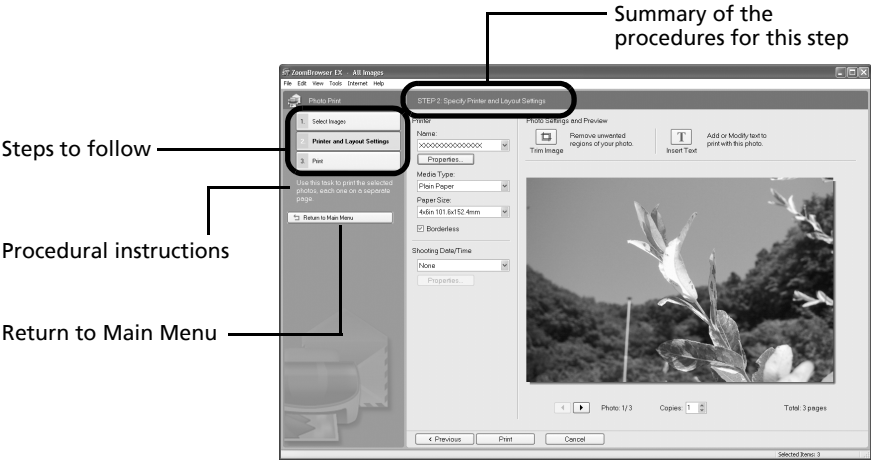
Workflow

The following workflow is used in ZoomBrowser EX.

1 Click a Task button.

Check the Help menu for procedures and features.
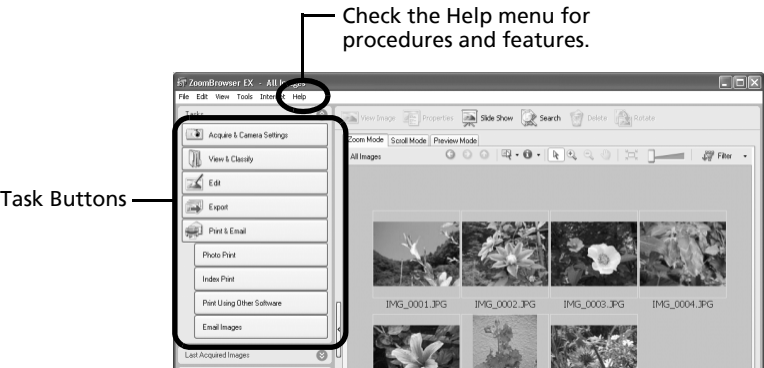
Task Buttons

The Task buttons are explained in "Task Button Functions" (p. 27).

2 Perform the procedures according to the instructions.

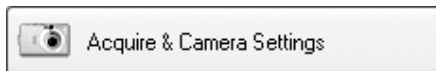Summary of the procedures for this step

Steps to follow

Procedural instructions

Return to Main Menu

Task Button Functions

Acquire & Camera Settings

Connect to Camera

Acquire & Camera Settings

You can do the following when you connect
the camera and display CameraWindow.

Acquire Images
Downloads images from the camera (p. 14).

Print Images
Selects and prints the images in the camera.

Write to Camera
Images transferred once to a computer can be transferred back to the camera.
Cameras that use the "MOV" data type can play back movies transferred back to the
camera if movies were taken with that camera. Refer to the "Data Type" item in
"Specifications" near the end of the *Camera User Guide* to see if the camera uses the
"MOV" data type. You may not be able to play back movies taken with another
camera.

Set to Camera
Sets the camera owner's name.

Acquire Images from Memory Card
Downloads images from a memory card (p. 16).
You can also select images on the memory card and print them.

Transfer Images to Memory Card
Uploads images from the computer to a memory card.

View & Classify

View as a Slide Show

View & Classify

Starts a slide show of the images selected in the
Browser Area.

Rename Multiple Files
Changes the file names of the selected images in a single pass.

Classify into Folder
Classifies images and saves them into a specified folder.

Search
Performs image searches using criteria such as the Star Rating, modification date, shooting
date, comments or keywords. Star Ratings, comments and keywords can be set in the image
information column in the Preview Mode or in the Properties Window.

Edit

Edit Image

Allows you to perform image editing, such as
cropping, image correction, inserting comments, and red-eye correction. You can also use it
to start other image editing programs.
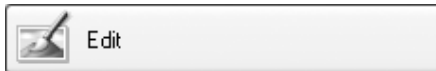
Stitch Photos

Merges multiple images and creates a single large panoramic image (p. 31).
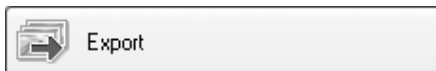
Edit Movie

Edits movies or still images strung together. You can add text as titles, or background music,
and apply various effects (p. 30).

Export

Export Still Images

Allows you to change the image size or type,
and export it as a new image.

Export Movies

Allows you to change the movie size or type, and export it as a new movie.

> Exporting movies may take a considerable amount of time (p. 30).

Extract frames from a movie

Extracts still images from movies over a specified interval and saves them as image files.

Export Shooting Properties

Allows you to select the necessary data from the shooting information and export it as a text
file.

Export as a Screen Saver

Exports the image as a screen saver file.

Export as a Wallpaper

Exports the image as a wallpaper file.

Backup to CD

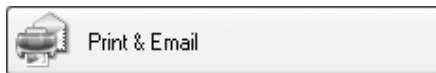Copies images to a CD-R/RW disk for backup.

> The Backup to CD function can only be used on computers satisfying the
> following requirements.
> • CD-R/RW capable drive supplied as standard equipment
> • CD-R/RW writing capabilities are operating correctly

Print & Email

Photo Print

Print & Email

Prints one image per page (p. 18).
You can print "photos" easily.

Index Print

Lines up small versions of the images in rows and prints.

Print Using Other Software

Select the software to use and then print.

Email Images

Converts the selected images to the appropriate size for transmission by e-mail. You can also use it to automatically start an e-mail program after conversion.

Other Features

ZoomBrowser EX has the following feature as well.

[My Camera Settings] (certain models only)

You can set the camera's settings such as the start-up image or shutter sound (p. 32).

Editing Movies

You can create and edit movies: link movies and stills that have been downloaded to your computer, add background music, superimpose titles and other text, and apply various effects to the movies.

Movies edited with this function cannot be transferred back to the camera.

1 Click [Edit] in ZoomBrowser EX's Main Window, followed by [Edit Movie].

2 Click [1. Add Images] and select the image (movie or still) you wish to edit.
You can select approximately 15 1280x720 MOV type movies.

3 Follow the steps at the left of the window to edit the movie and save it.

Follow these steps to proceed.

Click this button for detailed operational instructions.

Instructions
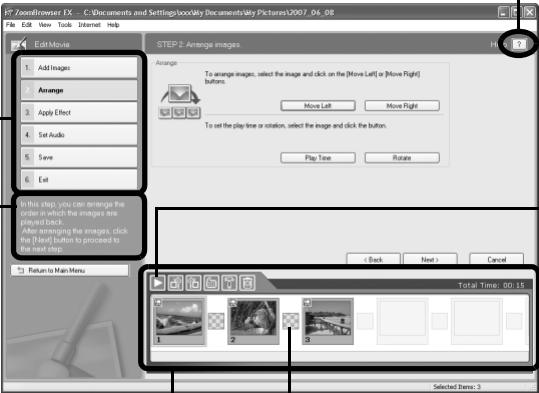
Click this button to play the movie being edited.

Storyboard Area
Displays thumbnails of the selected images.
Links images in order from left to right.

Transition Effects Box
Appears between adjacent images and displays the symbols of the transition effects linking images.

• The length of movies you can save when you select MOV with [Save image type] is shown at right. A message will appear if you try to save a longer movie. Reduce the length or size of the movie if this happens.

Movie Size	Max. Length
1920x1080	10 minutes
1280x720	20 minutes
640x480	30 minutes
320x240	60 minutes

• Saving movies takes time, especially MOV type movies selected with [Save image type] takes a considerable amount of time.
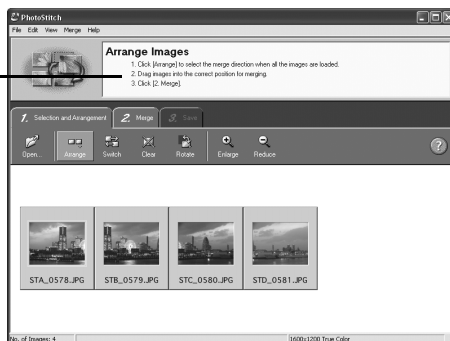Ex: A one minute 1280x720 movie takes approximately 9 minutes to save.

Merging Panoramic Images – PhotoStitch

You can create a wide panoramic image by merging images of a scene shot separately. PhotoStitch automatically detects the overlapping areas of adjacent images and corrects for the size and orientation. You can also manually specify the overlapping areas.

1 Click [Edit] in the ZoomBrowser EX's Main Window and click [Stitch Photos].

2 Click [1. Select Images] and select several images in the Browser Area.

3 Click [2. Open PhotoStitch].

Instructions

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

Images Shot in Stitch Assist Mode
It is easy to merge images if they are shot with the camera's Stitch Assist mode because PhotoStitch can automatically detect the image order and orientation. The series of images are saved together in a single folder when they are downloaded from the camera.

Symbol displayed by images shot in Stitch Assist mode.

- Some camera models may not support Stitch Assist mode.
- See the *Camera User Guide* for information about shooting in Stitch Assist mode.
- Images shot in Stitch Assist mode with a wide converter, teleconverter or close-up lens cannot be merged accurately.

Enjoy Customizing Your Camera with the My Camera Settings

You can select from dedicated screens to register to the start-up screen that appears when turning the camera on, and dedicated sounds to register to various camera operation sounds (My Camera Settings).

My Camera functions are only available in cameras that list both "Sound Options" and "Start-up Image" in the "Set up Menu" list in the *Camera User Guide*.

• To register the My Camera settings with the camera, ensure that you install the software that came with the camera.
• Do not break the camera connection by unplugging the interface cable or switching off the camera power while the My Camera settings are being added to the camera or being saved to the computer from the camera.

Adding My Camera Settings to the Camera

1 After connecting the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal, turn on the camera power, set it to playback mode and prepare it to communicate with the computer.

Methods for connecting the camera to the computer and placing the camera in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

2 Click [Cancel] (![x] in Windows Vista) to close the Events Dialog if it appears.

If CameraWindow appears, click [Operate Images on Camera] followed by ![x] in the View Window to close CameraWindow.
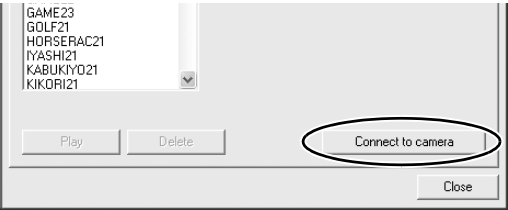
CameraWindow

Thumbnail Window   **View Window**

3 In the [Start] menu, select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [MyCamera] and [MyCamera].

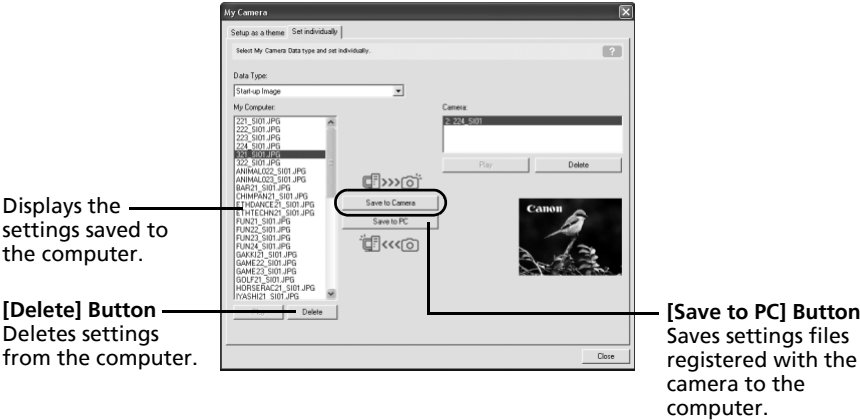The My Camera window will display.

4 Click [Connect to camera].

The My Camera window showing images in the camera will display.

5 Select the [Setup as a theme] tab.

To set the start-up image or sound individually, select the [Set individually] tab.

6 Select the settings to add and replace.

Settings to add: select from the [My Computer] list.
Settings to replace: Select from the [Camera] list.

7 Click [Save to Camera]

Clicking [OK] overwrites the settings previously registered on the camera.

Displays the settings saved to the computer.

[Delete] Button
Deletes settings from the computer.

[Save to PC] Button
Saves settings files registered with the camera to the computer.

8 Changing the My Camera settings with the camera.

See the *Camera Users Guide*.

Using the Software on the Macintosh Platform – Preparations

This chapter explains how to install the software. Read this before connecting the camera to the computer for the first time.

Installing the Software

Start by installing the software from the DIGITAL CAMERA Solution Disk.

Items to Prepare

• Your camera and computer
• DIGITAL CAMERA Solution Disk
• Interface cable supplied with the camera

> Macintosh software can only be used on disks formatted in the OS Extended (journaled) format.

Installation Procedures

1 Close any programs that are running.

2 Place the DIGITAL CAMERA Solution Disk in the computer's CD-ROM drive.

3 Double-click the [Canon Digital Camera Installer] icon in the CD-ROM window.
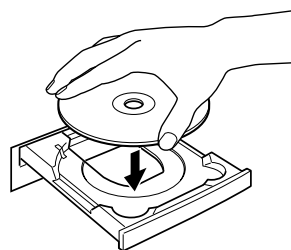
4 Click the Digital Camera Software [Install] button.
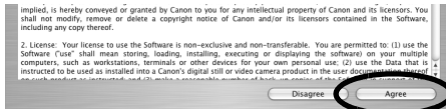
Installer Panel

5 Select [Easy Installation] and click [Next].

Select [Custom Installation] to select programs individually for installation.

6 Click [Agree] if you agree to all of the terms of the software license agreement.

7 Review the installation settings and click [Next].

Follow the on-screen instructions to proceed with the installation.
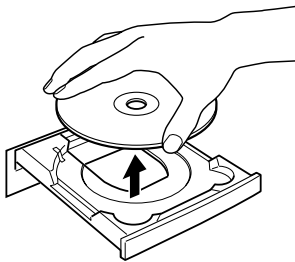
8 When the installation is over, click [Finish].

9 Click [Exit] in the installer panel and remove the disk from the CD-ROM drive.

This concludes the software installation.

> See *Uninstalling the Software* (p. 56) to delete the software installed with these procedures.

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.
Proceed to this chapter after completing the preparations in the *Using the Software on the Macintosh Platform — Preparations* section.

Downloading Images to the Computer

Begin by downloading the images to your computer. The downloading procedure is slightly different depending on whether you are using a camera to computer connection (see below) or a memory card reader (p. 39).

> • You may not be able to download images when the camera is connected to a computer if there are a large number of images (approximately 1000) on the memory card. Use a memory card reader to download in that case.
> • Movie files take time to download since the files are large.

Camera to Computer Connection

1 After connecting the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal, turn on the camera power, set it to playback mode and prepare it to communicate with the computer.

> Procedures for attaching the camera to the computer and placing the camera in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

CameraWindow displays when the camera and computer are set to the mode to communicate. (Images are not downloaded at this point.)

2 Click [Transfer Untransferred Images].

CameraWindow

Click this button to close the start screen.

Thumbnail Window   **View Window**

If CameraWindow does not open, click the [CameraWindow] icon in the Dock (the bar at the bottom of the desktop).

> • To check images in the camera or to download only a portion of the images, click [Operate Images on Camera].
>
> • You can also click 📷 in the View Window to upload images to the camera that were downloaded to the computer.

When you click [OK] in the image transfer completion window, the transferred images will display in the Browser Window.

By default, downloaded images are saved in folders created in the [Pictures] folder. The folders' names are the dates the photos were taken..

The last downloaded images will display here according to both their shooting dates and categories (certain models only).

Folders Area
The downloaded symbol displays on downloaded folders.
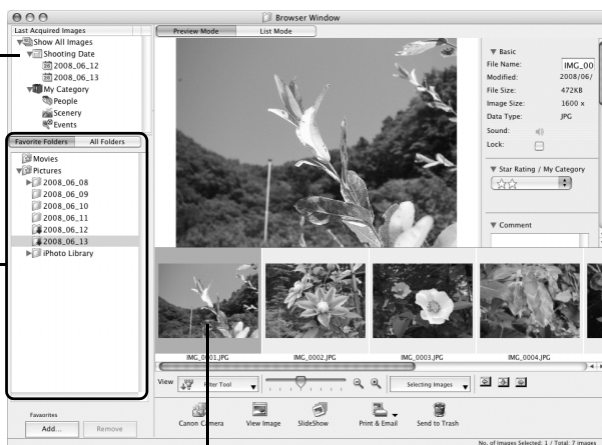
Thumbnail

Next, print out the images (p. 40).

Memory Card Reader Connection

1 Insert the memory card into the reader.
Use a separately sold card adapter if required.
See the manual for the memory card reader for details on how to connect and use the reader.

2 Click [Download Images].

You can adjust the settings, such as the type of image downloaded and the destination folder, by clicking [Preferences].

If the window above does not open, click the [CameraWindow] icon in the Dock (the bar at the bottom of the desktop).

> • By the default settings, all images are downloaded to the [Pictures] folder.
> • Click [Lets you select and download images] to show the memory card images in a list, check the images before downloading and download only selected images.
> • See *Memory Card Folder Structure* (p. 57) for information about memory card folder structures and file names.

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

At the same time they will also appear grouped by date or *My Category* in the [Last Acquired Images] section (certain models only).

Next, print out the images (p. 40).

Printing Images

There are three methods for using ImageBrowser to print images: [Photo Print], [Index Print] and [Layout Print]. This section explains how to use the [Photo Print] option.

> Macintosh software can only be used on disks formatted in the Mac OS Extended (journaled) format.

Photo Print

Prints one image on each page.

1 Select the images to print.

Clicking on an image selects it and displays a blue frame around it. To select multiple images, hold down the [shift] or [⌘] (command) key while clicking on images.

A blue frame displays around selected images.

2 Click [Print & Email] and select [Photo Print].
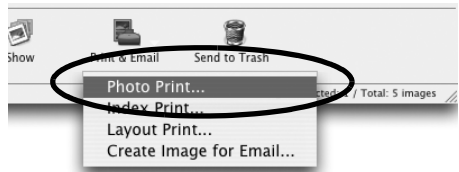
> Selecting [Index Print] allows you to print the thumbnails and shooting information in a chart.
> Selecting [Layout Print] allows you to layout and print multiple images on a single sheet of paper.

3 Set the categories as you feel necessary.

Selects a printer.

Selects options such as the paper size and orientation when you click [Page Setup].

Selects a printing method for the shooting date/time information.

Click this button to switch between images if you selected multiple images.

Sets the number of copies printed.

Text can be inserted here to print with this photo.

4 Click [Print].
The Print window will now open.

5 After setting the number of copies, and other settings, click [Print].

6 After the printing finishes, click [Close] to close the window.

This chapter explained the ImageBrowser basics.

Once you have mastered them, try the advanced techniques.

• *Using the Software on the Macintosh Platform − Advanced Techniques* (p. 42).

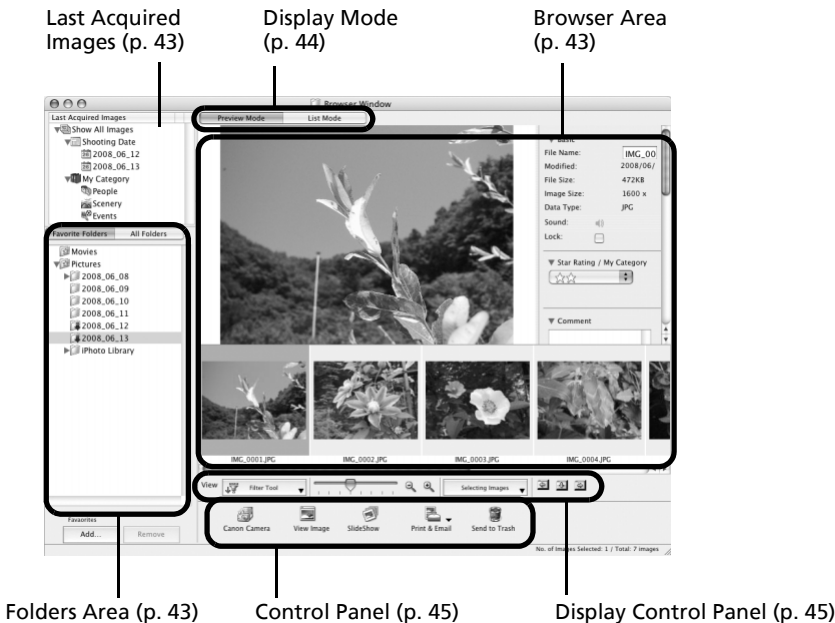# Using the Software on the Macintosh Platform – Advanced Techniques

This chapter explains various ImageBrowser features.
Proceed to this chapter once you have mastered the basic ImageBrowser procedures in the *Using the Software on the Macintosh Platform – The Basics* chapter.

The ImageBrowser Windows

This section describes the principal ImageBrowser windows: the Browser Window, Viewer Window and File Information Window.

Browser Window

This window is for displaying and organizing images downloaded to the computer.

Last Acquired   Display Mode   Browser Area
Images (p. 43)   (p. 44)   (p. 43)

Folders Area (p. 43)   Control Panel (p. 45)   Display Control Panel (p. 45)

Folders Area

• Use this area to select folders. The selected folders and the images within the selected folders display in the Browser Area.
• If you selected Favorite Folders, only the folders registered in advance as Favorite Folders will display. You are recommended to register a folder that you use frequently as one of the Favorite Folders. If you selected All Folders, all the folders will display.

> ### Methods for Registering a Favorite Folder
> • If [Favorite Folders] is displayed: click [Add] and select a folder.
> • If [All Folders] is displayed: select a folder and click [Add to Favorites].

Last Acquired Images

• You can check images grouped according to the shooting date or My Category (certain models only).

Browser Area

• The folders and the images within the folders selected in the Last Acquired Images section or Folders Area display here.
  The display style will vary according to your Display Mode selection.
• The following types of icon will display around images according to their attributes.

	Images shot with the camera's Stitch Assist mode
RAW	RAW images
	Movies
	Protected images
	Images shot with the camera's AEB function
	Rotated Images (In display only)

Display Mode

• Selects the display style for the Browser Area.

Preview Mode
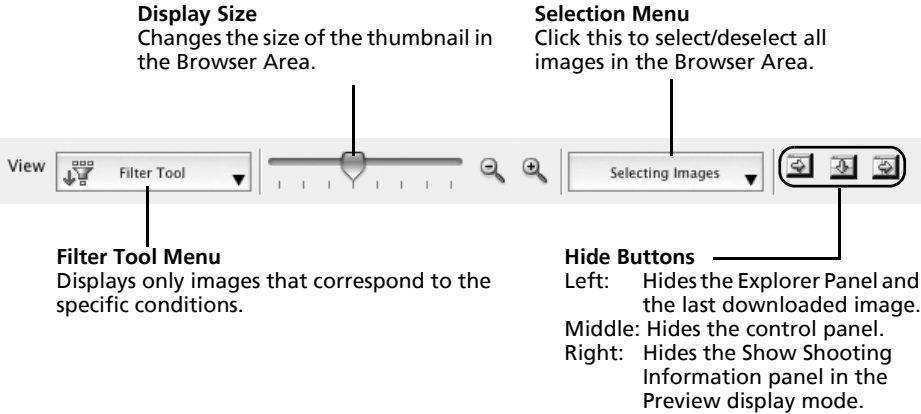This mode displays the image at a larger size as well as the image information.

List Mode
Displays the images in the folder selected in the Explorer Panel section in rows and columns.

Display Control Panel

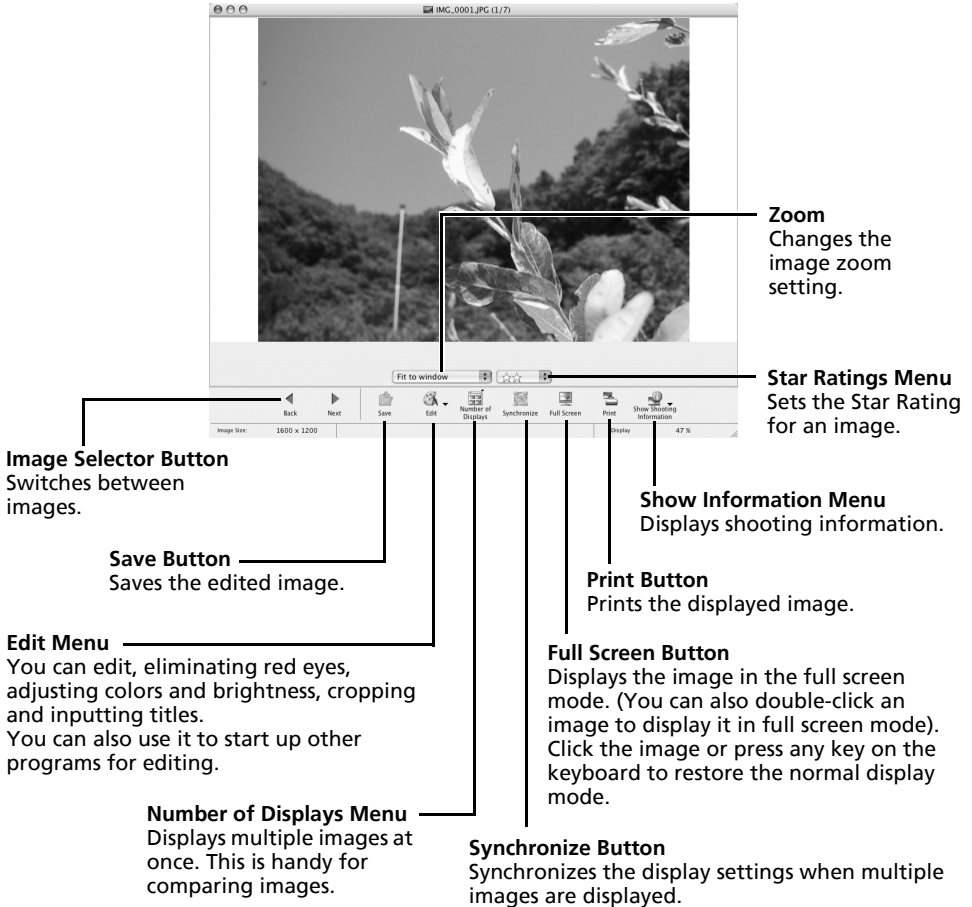• This panel adjusts the display settings for the Browser Area.

Display Size
Changes the size of the thumbnail in the Browser Area.

Selection Menu
Click this to select/deselect all images in the Browser Area.

View | Filter Tool ▼ | | Selecting Images ▼ |

Filter Tool Menu
Displays only images that correspond to the specific conditions.

Hide Buttons
Left: Hides the Explorer Panel and the last downloaded image.
Middle: Hides the control panel.
Right: Hides the Show Shooting Information panel in the Preview display mode.

Control Panel

• The control panel contains buttons for executing various functions.

Canon Camera   View Image   SlideShow   Print & Email   Send to Trash

The functions displayed here are explained in the *Control Panel Features* section (p. 49).

Viewer Window

Double-click an image in the Browser Area to display it in the Viewer Window.

Zoom
Changes the image zoom setting.

Star Ratings Menu
Sets the Star Rating for an image.

Image Selector Button
Switches between images.

Show Information Menu
Displays shooting information.

Save Button
Saves the edited image.

Print Button
Prints the displayed image.

Edit Menu
You can edit, eliminating red eyes, adjusting colors and brightness, cropping and inputting titles.
You can also use it to start up other programs for editing.

Full Screen Button
Displays the image in the full screen mode. (You can also double-click an image to display it in full screen mode). Click the image or press any key on the keyboard to restore the normal display mode.

Number of Displays Menu
Displays multiple images at once. This is handy for comparing images.

Synchronize Button
Synchronizes the display settings when multiple images are displayed.

• **RAW Image is Displayed**
  The [Display Original Image] button displays beneath the image. Clicking this button displays the converted image in the Viewer Window.
• **Movie is Displayed**
  • Buttons will appear below the movie, allowing it to be played back or the sound to be adjusted.
  • If you click the [Save as Still Image] button, you can extract still images from movies. You can also delete unwanted sections at the beginning or end of movies by clicking the [Cut Movie] button.

File Information Window

The File Information Window displays when you select an image in the Browser Area, select [List Mode], and then click the [File] menu and select [Get Info].

Switches between showing and hiding detailed information for the category.

Switches between showing and hiding detailed information.

Lock
Prevents an image from being overwritten or deleted.

Image Selector Buttons
When multiple images are selected, you can switch between images that display information in the File Information Window.

File Name
You can change file names.
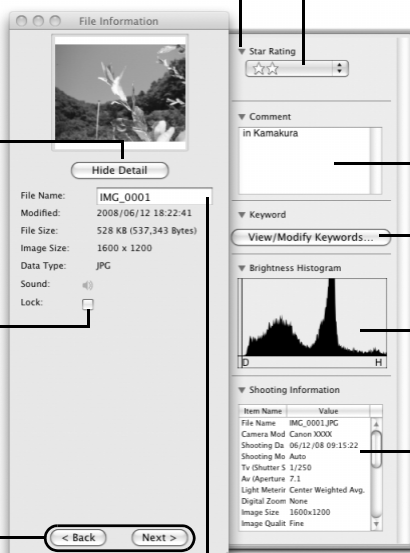
Star Rating / My Category
Sets the rating for an image.
An icon will display if a My Category is set (certain models only).

Comment
You can type a comment here.

Keyword
Sets the keywords used in searches.

Brightness Histogram
A graph of the highlights and shadows distribution in an image.

Shooting Information
Displays detailed information, such as the shutter speed and exposure compensation setting. The camera model will determine what information is displayed.

ImageBrowser Features

This section provides a brief introduction to ImageBrowser features.

> Some ImageBrowser functions may not be available with certain camera models. Check the *Specifications* section of your *Camera User Guide* to see if your model supports them.

Workflow

The following workflow is used in ImageBrowser.

1 Select a feature from the Control Panel or the menu.

Menu

Check the Help menu for procedures and features.

Control Panel

2 Perform the procedures according to the instructions.

Procedural instructions

Control Panel Features

Canon Camera   View Image   SlideShow   Print & Email   Send to Trash

Canon Camera

CameraWindow will display if the camera is connected, and you will be able to perform the following actions.

Acquire Images
Downloads images from the camera (p. 36) .

Print
Selects and prints the images in a camera.

Write to Camera
Images transferred once to a computer can be transferred back to the camera. Cameras that use the "MOV" data type, can play back movies transferred back to the camera if movies were taken with that camera. Refer to the "Data Type" item in "Specifications" near the end of the *Camera User Guide* to see if the camera uses the "MOV" data type. You may not be able to play back movies taken with another camera.

Set to Camera
Sets the camera owner's name.

You can perform the following actions if a memory card reader is connected.

•**Download images from the memory card**
Downloads images from a memory card (p. 39).
You can also specify images on the memory card for printing.

•**Upload images to the memory card**
Upload images from the computer to the memory card.

View Image

Displays the selected image or movie in the Viewer Window.

SlideShow

Starts a slide show of the selected images. Click the [View] menu and select [Slide Show Options] to set the slide show settings.

Print & Email

Photo Print
Prints one image per page (p. 40).
You can print "photos" easily.

Index Print
Lines up small versions of the images in rows and prints.

Layout Print
Allows you to freely arrange multiple images on a single page and print. You can also insert captions and titles.

Create Image for Email
Converts the selected images to the appropriate size for transmission by e-mail. You can also use it to automatically start an e-mail program after conversion.

Send to Trash
Sends the selected images or folders to the Trash.

Functions Selected from Menus

Search Images: [File] menu, [Search]
Searches for images based on such criteria as Star Ratings, dates, keywords or captions.

Export Images: [File] menu, [Export Images]
•Edit and Save: allows you to change the file type or size and export the file.
•Export Shooting Properties: allows you to export the shooting properties as a text file.
•Export as a Screensaver: Exports the image as a screen saver file.
•Export an Image as Wallpaper: Exports the image as a wallpaper file.

Organize Images: [File] menu, [Organize Image]
•Sort Images: sorts images according to criteria such as the shooting date or Star Rating and saves them into a specified folder.
•Rename: changes the files names of multiple images in a single pass.

Merge Panoramas: [Edit] menu, [PhotoStitch]
Merges multiple images and creates a single large panoramic image (p. 53).

Edit Movie
Edits movies or still images strung together. You can add text as titles, or background music, and apply various effects (p. 52).

Extract frames from a movie
Extracts still images from movies over a specified interval and saves them as image files.

Display Settings: [View] menu, [View Settings]

Hides or shows image information beneath the thumbnail, such as the file name or the shooting date and time.

Sort Images: [View] menu, [Sort]

Arranges image order in the Browser Area according to criteria such as the filename, file modification date, file size or shooting date.

Other Features

ImageBrowser has the following feature as well.

[My Camera Settings] (certain models only)
You can set the camera's settings such as the start-up image or shutter sound (p. 54).

Editing Movies

You can create and edit movies: link movies and stills that have been downloaded to your computer, add background music, superimpose titles and other text, and apply various effects to the movies.

> Movies edited with this function cannot be transferred back to the camera.

1 Select the image(s) to edit in ImageBrowser's Browser Area (movies or stills).
You can select multiple movies or stills.

2 Click the [Edit] menu and select [Movie Edit].

3 Follow the steps displayed in the middle of the window to edit the movie and save it.

Follow these steps to proceed.
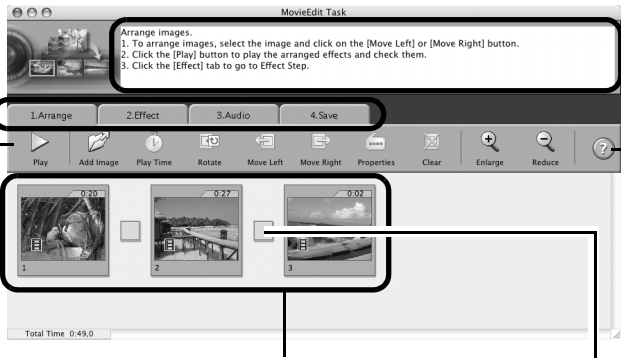
Instructions

Click this button for detailed operational instructions.

Click this button to play the movie being edited.

Storyboard Area
Displays thumbnails of the selected images.
Links images in order from left to right.

Transition Effect Box
Appears between adjacent images and displays the symbols of the transition effects linking images.

> • The length of movies you can save when you select MOV with [Save image type] is shown at right. A message will appear if you try to save a longer movie. Reduce the length or size of the movie if this happens.

Movie Size	Max. Length
1920x1080	10 minutes
1280x720	20 minutes
640x480	30 minutes
320x240	60 minutes

> • Saving movies takes time, especially MOV type movies selected with [Save image type] takes a considerable amount of time.
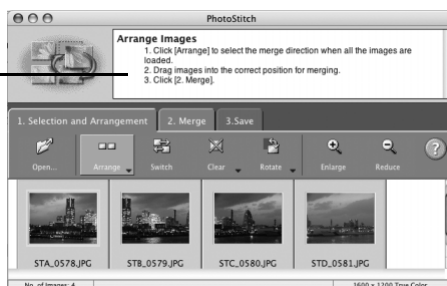> Ex: A one minute 1280x720 movie takes approximately 8 minutes to save.

Merging Panoramic Images – PhotoStitch

You can create a wide panoramic image by merging images of a scene shot separately. PhotoStitch automatically detects the overlapping areas of adjacent images and corrects for the size and orientation. You can also manually specify the overlapping areas.

1 Select a series of images in the ImageBrowser's Browser Area.

2 Click the [Edit] menu and select [PhotoStitch].

Instructions

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

Images Shot in Stitch Assist Mode
It is easy to merge images if they are shot with the camera's Stitch Assist mode because PhotoStitch can automatically detect the image order and orientation. The series of images are saved together in a single folder when they are downloaded from the camera.

Symbol displayed by images shot in Stitch Assist mode.

- Some camera models may not support Stitch Assist mode.
- See the *Camera User Guide* for information about shooting in Stitch Assist mode.
- Images shot in Stitch Assist mode with a wide converter, teleconverter or close-up lens cannot be merged accurately.

Enjoy Customizing Your Camera with the My Camera Settings

You can select from dedicated screens to register to the start-up screen that appears when turning the camera on, and dedicated sounds to register to various camera operation sounds (My Camera Settings).

> My Camera functions are only available in cameras that list both "Sound Options" and "Start-up Image" in the "Set up Menu" list in the *Camera User Guide*.

> • To register the My Camera settings with the camera, ensure that you install the software that came with the camera.
> • Do not break the camera connection by unplugging the interface cable or switching off the camera power while the My Camera settings are being added to the camera or being saved to the computer from the camera.

Adding My Camera Settings to the Camera

1 After connecting the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal, turn on the camera power, set it to playback mode and prepare it to communicate with the computer

> Procedures for attaching the camera to the computer and placing the camera in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

2 If CameraWindow appears, click [Operate Images on Camera] followed by ⊠ in the View Window to close CameraWindow.
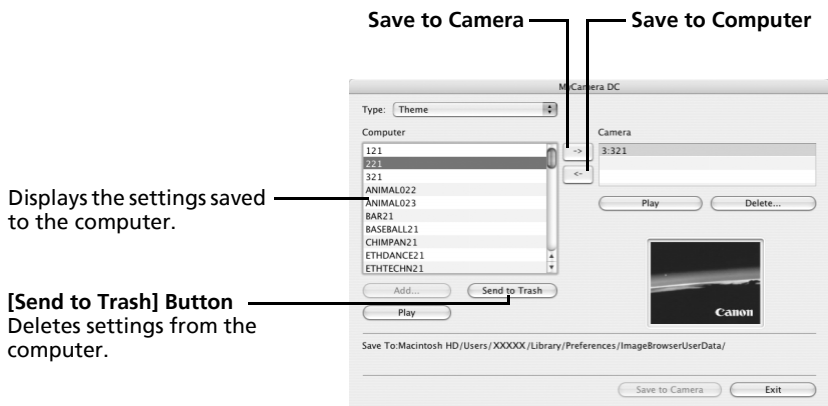
CameraWindow

Thumbnail Window   **View Window**

3 Double-click the [Applications] folder, followed by the [Canon Utilities] folder, [CameraWindow] folder and the [MyCamera DC] icon.
The My Camera window will display.

4 Select the type of setting in the Type list box that you wish to save to the camera.

5 Select the settings to add and replace.
Settings to add: select from the [Computer] list.
Settings to replace: Select from the [Camera] list.

6 Click the ⇨ button.
If a setting for this category has previously been saved to the camera, press [OK] and it will be overwritten.

7 Click the [Save to Camera] button.
Click [OK] to conclude the process of saving the *My Camera* settings to the camera.

Save to Camera ——— ——— **Save to Computer**

Displays the settings saved to the computer.

[Send to Trash] Button
Deletes settings from the computer.

8 Changing the My Camera settings with the camera.
See the *Camera Users Guide*.

Appendices

This explains how to uninstall software, and the folder structure on a memory card.
Read the *Troubleshooting* section in this chapter if you experience a problem using the programs.

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.

> ⊘ Authorization as a computer Administrator is required to uninstall software.

Windows

This explanation uses ZoomBrowser EX to demonstrate how to uninstall a program. You can remove other programs with the same procedures.

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

The uninstall utility will start and remove ZoomBrowser EX.
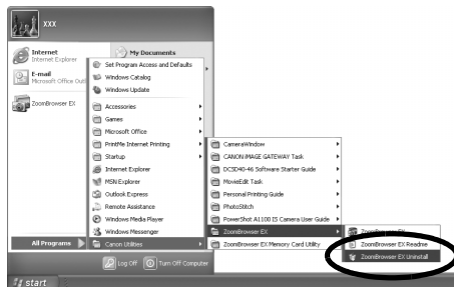
Macintosh

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 subfolders of the [DCIM] folder labeled [xxxCANON], where the "xxx" represents a number in the range 100 - 999.

DCIM — xxxCANON — IMG_xxxx.JPG (JPEG images)
_MG_xxxx.JPG (JPEG images recorded in the Adobe RGB color space)
IMG_xxxx.CR2 (RAW images)
_MG_xxxx.CR2 (RAW images recorded in the Adobe RGB color space)
STx_xxxx.JPG** (Stitch Assist mode images)
MVI_xxxx.MOV, MVI_xxxx.THM*¹*² (Movies)
MVI_xxxx.AVI, MVI_xxxx.THM*¹ (Movies)

CANONMSC
The folder that holds the settings files for images in the DCIM folder.

MISC
The folder created when DPOF settings are set. It holds the DPOF settings files.

- *1 These files are the thumbnail image files for the camera's index replay mode.
- *2 If you delete these files, you will be unable to save the movies to the camera from a computer.
- The "xxxx" in file names represent four-digit numbers.
- **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]...
- All folders except the "xxxCANON" folders contain image settings files. Do not open or delete them.
- Depending on the camera, some data types cannot be recorded.

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 satisfy the requirements listed in the *System Requirements* section?

See "System Requirements" in the *Camera User Guide*.

Is the camera correctly connected to the computer?

See the *Camera User Guide* 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.

Are the camera and computer in the correct modes to transfer data?

Some models require the camera to be set to the playback mode to transfer data. See the *Camera User Guide* 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 an AC adapter (sold separately) to power the camera when it is connected to a computer.

Problems

Try the suggested solutions to the common problems listed below.

Add New Hardware Wizard displays when the camera is connected to the computer with an interface cable (Windows).

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.

Cannot download images. (For cameras connected to the computer via an interface cable: only cameras supporting Hi-Speed USB 2.0).

The problem may be resolved by lowering the transmission speed for data by following the procedures below.

Solution:
Hold the **MENU** button on the camera down and press the ▲ (Up) button and **FUNC./SET** button simultaneously. In the displayed screen, select [B] and press the **FUNC./SET** button.

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

The camera may have been recognized as another device under the following circumstances (Windows only).
- The [Scanners and Cameras] icon cannot be found in the [Hardware and Sound] within the [Control Panel] or the [Printers and Other Hardware] window.
- Your camera model name, [Canon Camera] or a camera icon does not display when [Scanners and Cameras] icon is clicked.

Solution:
Delete the device with the following procedures.

> You must be authorized as a Computer System Administrator to delete devices.

1. Display the [Device Manager] dialog.
   Windows Vista: Click the [Start] menu, [Control Panel], [System and Maintenance], [System], and Task list [Device Manager].
   Windows XP: Click the [Start] menu, [Control Panel], [Performance and Maintenance], [System], [Hardware] tab, and the [Device Manager] button.

2. Click the ⊞ symbol beside the [Other devices], [Portable 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.
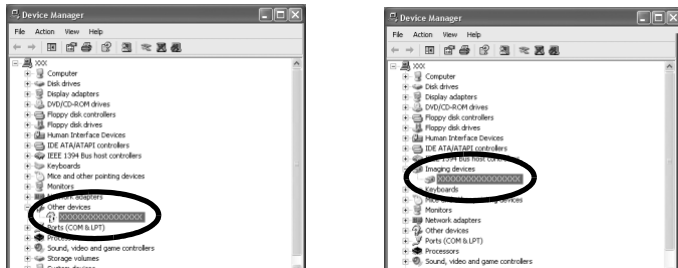
> There are other potential reasons for the problem if the "Other devices", "Portable Devices" or "Imaging devices" categories do not appear or your camera model name or [Canon Camera] does not appear. Proceed to Step 5, and temporarily quit the procedures.

3. Select your camera model name or [Canon Camera], right-click and select [Delete].
4. 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.
5. Close [Device Manager] or [System Properties].

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].
2. Display the [Hardware acceleration] setting window.

   Windows Vista: Click [Appearance and Personalization], followed by [Adjust screen Resolution], [Advanced Settings] button and [Troubleshoot] tab.

   Windows XP: Click the [Appearance and Theme] icon, followed by the [Display] icon, [Settings] tab, [Advanced] button and [Troubleshoot] tab.

3. Set the [Hardware acceleration] to a setting below [Full] and click [OK].
4. Restart the computer if prompted.

An error message "Insufficient free memory" displays when using PhotoStitch

Please try one of the following methods.

• Close all other applications other than PhotoStitch.
• Reduce the size or number of images to combine.
• In the [Save] tab, select [Adjust image...], then in "Saved Image Size" reduce the size.

Downloading Images without Installing the Software

You can download images by simply connecting the camera to a computer, without installing the software bundled on the DIGITAL CAMERA Solution Disk.
However, please note that there are several limitations.

If you use the bundled software, the following limitations do not apply.

- It may take a few minutes, after connecting to the camera, until you can download images.
- The camera information (firmware version, etc.) may not display correctly. In this case, use the software from the DIGITAL CAMERA Solution Disk.
- RAW images or JPEG images recorded at the same time as RAW images may not be downloadable with some software programs or operating systems.
- Movies will not download correctly.
- Images shot in the vertical orientation may be downloaded in the horizontal position.
- The protection setting for images protected in the camera may be lost when transferred to the computer.
- In addition, there may be problems with downloading images or image information correctly depending upon the version of the operating system in use, the file size or the software in use.

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