

ZoomBrowser EX 5.0

Software User Guide



Table of Contents (1/2)

Chapter 1 What is ZoomBrowser EX?

What Can ZoomBrowser EX Do?	4
Guide to the ZoomBrowser EX Windows	5
Task Buttons and Main Window Features	7

Chapter 2 Downloading and Printing Images

Downloading Images to a Computer	11
Printing Images	19

Chapter 3 What You Can Do with a Camera Connected

Camera Control Window	25
Downloading Images Automatically—Camera Operations	26
Downloading Images Automatically—Computer Operations	27
Checking Images in the Camera before Downloading	30
Deleting Images from the Camera	32
Other Features of the Camera Browser Window	33
Setting the My Camera Settings	34
Setting up Slide Shows on the Camera	41
Setting the DPOF Print Settings	42
Checking and Changing Camera Settings	44
Copying Images to the Camera	45
Operating the Camera Shutter from the Computer	46

Chapter 4 Viewing Images

Selecting Folders	50
Changing the Display Mode	52
Changing the Displayed Folder	55
Changing the Main Window Display Mode	58
Checking Images in a Pop-Up Window	62
Opening Images	63
Using the Viewer Window	64

Chapter 5 Organizing Images

Selecting Images	67
Setting Star Ratings	68
Assigning Keywords	70
Classifying Images	72
Renaming Images	73
Searching Images	75
Moving or Copying Images	77
Deleting Images	81
Rotating Images	83
Viewing Image Properties	84
Creating Folders	86
Refreshing Folders	87

Table of Contents (2/2)

Chapter 6 Using Supplementary Features

Editing Images	88
Editing Images with Other Programs	93
Sending Images by E-mail	94
Exporting Images in Different Formats	96
Running a Slide Show	99
Adding Sounds to Images	101
Creating a My Camera Sound	102
Playing Movies	104
Editing Movies	105
Exporting Movies	109
Converting RAW Images	111
Stitching Panoramic Images - PhotoStitch	116
Saving Images to CD-R/RW Disks (Windows XP Only)	117

Appendices

Supported File Formats	118
Customizing Preferences	119
Customizing Menus	121
Troubleshooting	122
Index	127

NOTE

- This manual uses Windows XP screen shots and procedures in the explanations. The screen shots and procedures may appear slightly different if you are using another version of Windows.
- In this manual, the term “memory card” is used for CF cards, SD cards and PC cards.

This section provides a brief explanation of the ZoomBrowser EX features.

What You Can Do with a Camera Connected

- Download images from the camera to the computer.
- Save computer images to the camera.
- Operate the camera shutter remotely from the computer (only on models supporting remote shooting).
- Set up camera slide shows or DPOF print settings (only available on some models).
- Check and change camera settings.
- Set the My Camera Settings (start-up image, start-up sound, operation sound, self-timer sound and shutter sound).

View Images

- Display the downloaded images and their shooting information.
- Switch between display modes (zoom, scroll and preview).

Organize Images

- Assign a Star Rating or keywords to images.
- Organize images according to their shooting dates.
- Perform image searches.

Use the Additional Features

- Print images.
- Edit images and movies.
- Stitch panoramas together.
- Convert RAW format images to standard formats (only available on some models).
- Format images as screensaver and wallpaper files.
- Export image shooting information as a text file.
- Copy images to CD-R/RW disks (Windows XP only).

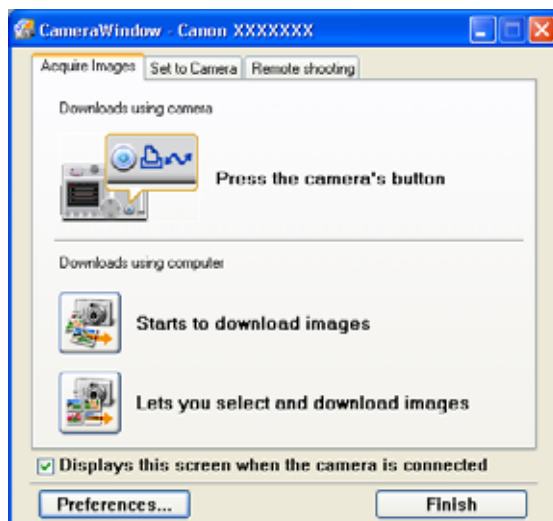
REFERENCE

- The Canon CD-ROM supplied with the camera contains several prepared My Camera Settings files. These files are automatically copied to your computer when ZoomBrowser EX is installed.

This section briefly introduces the purposes and features of the two main windows for operating ZoomBrowser EX.

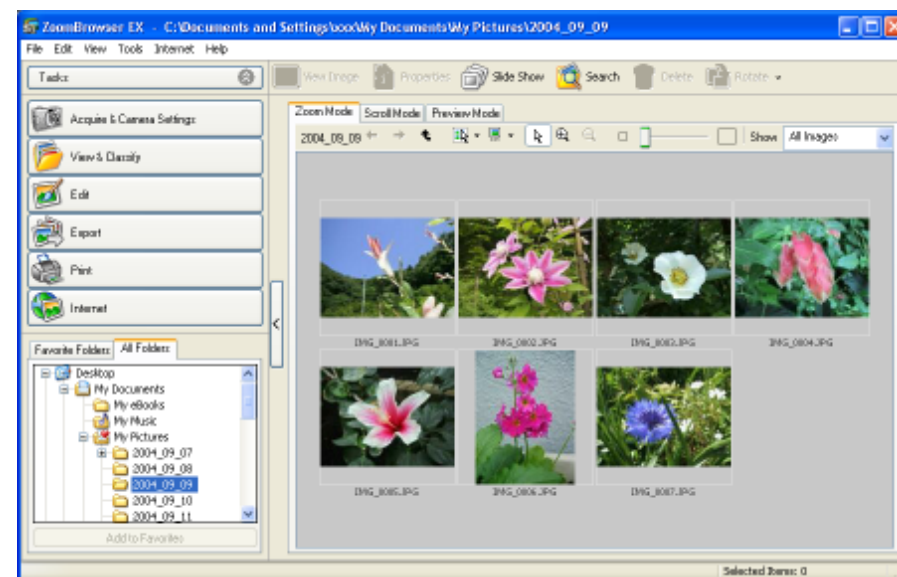
Camera Control Window

The Camera Control Window is the window that automatically opens when you connect a camera to the computer or insert a memory card into a memory card reader. You can download the camera or memory card images in a few easy steps. You can also use the computer to change some camera settings.



Main Window

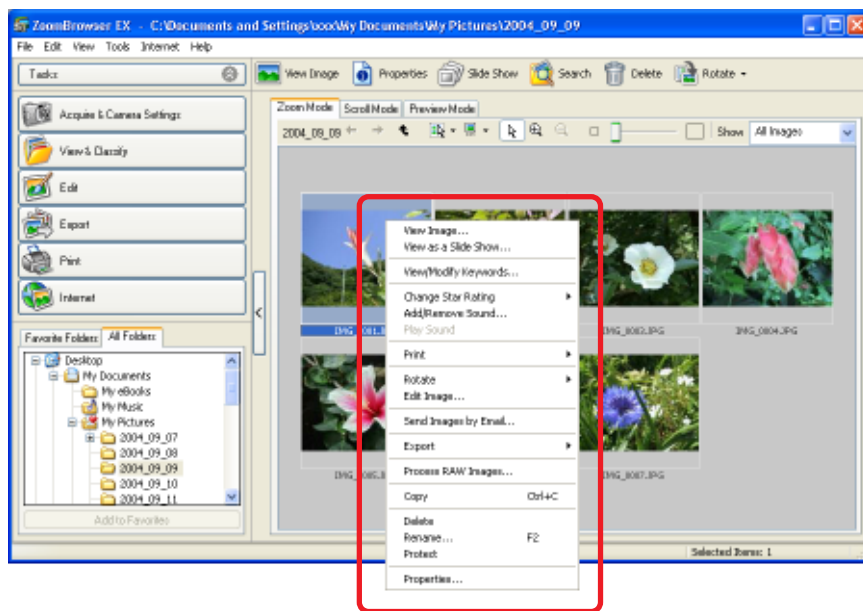
This window opens when you start ZoomBrowser EX. The Main Window is for displaying and organizing downloaded images.



Using the Right-Click in Operations

With ZoomBrowser EX you can access many useful functions by using the right mouse button (right-click).

For example, you can position the mouse pointer over an image in the Browser Area and right-click to display a menu like the following.



Right-click anywhere on the image to display a shortcut menu.

A shortcut menu is a convenient collection of the most common window buttons and menu commands that apply to a given situation.

The right-click allows you to use ZoomBrowser EX more efficiently. After you become familiar with ZoomBrowser EX, try right-clicking in many situations and you will be impressed with its convenience.

Task Area and Task Buttons

There are six task buttons in the Main Window's Task Area. In the Main Window, you use these buttons to start performing tasks.

■ Acquire & Camera Settings

Use this button to open the Camera Control Window, which allows you to perform tasks requiring a connection to the camera, such as downloading, changing the My Camera Settings, changing camera settings and remote shooting.

■ View & Classify

Use this button to display slide shows of Browser Area images, classify images into folders and perform image searches.

■ Edit

Use this button to edit images and movies, stitch panoramas together and convert RAW images.

■ Export

Use this button to export images and image information in various formats or back up images to a CD.

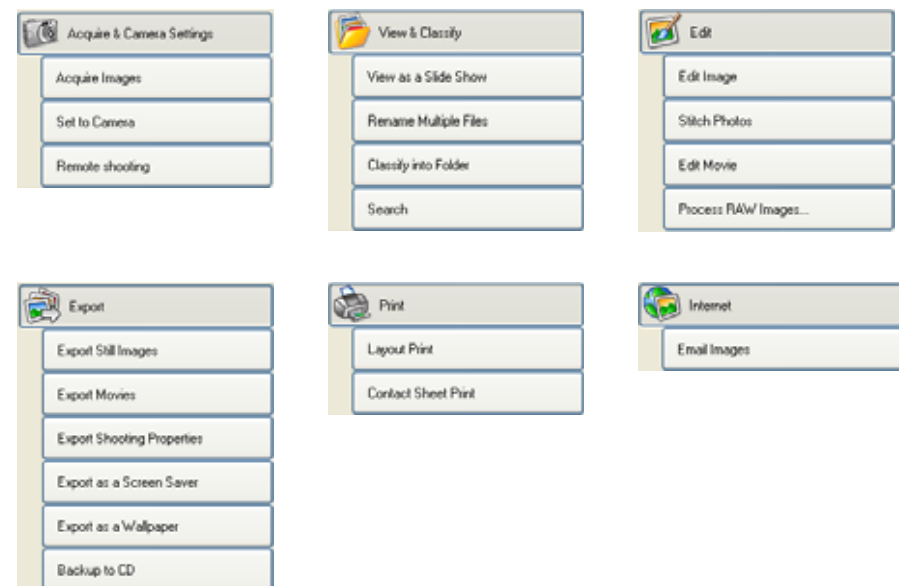
■ Print

Click this to print images.

■ Internet

Click this to attach images to e-mail messages.

The following menus appear when you click each respective task button.



REFERENCE

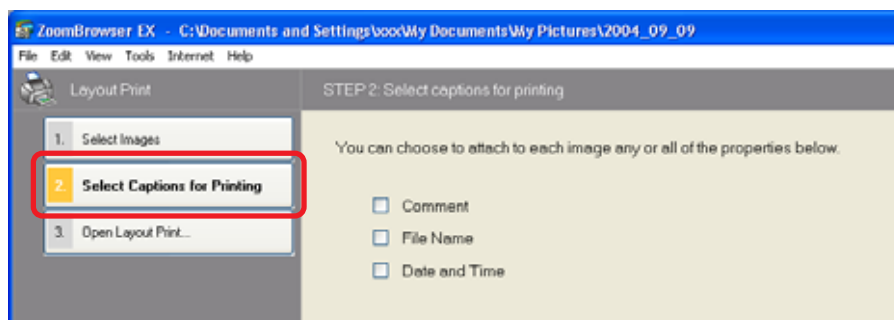
- To switch between tasks, click the corresponding task button.
- A scroll button will appear at the right when there are too many menu items to display at once in the Task Area.

Using the Task Windows

When you select an item in the menu, the related steps appear in the Task Area.

■ Orange Button

This color marks the current step. Follow the instructions in the right-hand side of the window to proceed. Once you finish a procedure, click a different button to proceed to the next step.



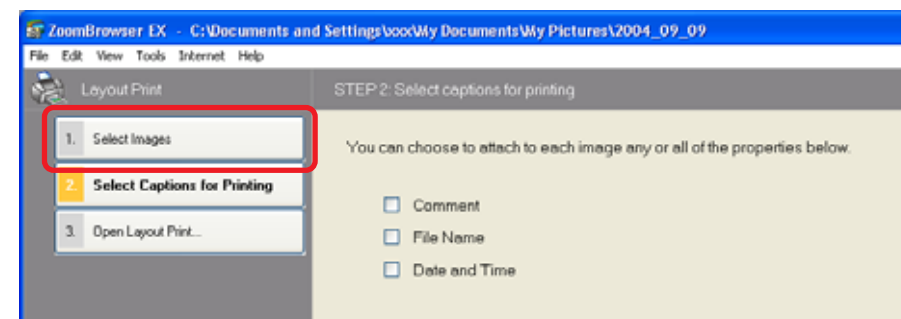
REFERENCE

- In general, you are recommended to proceed through the steps in order. You can return to the previous step by clicking the button for that step.
- To return to the first menu, click [Return to Main Menu], which appears below the menu items.

■ Gray Buttons (Black Letters)

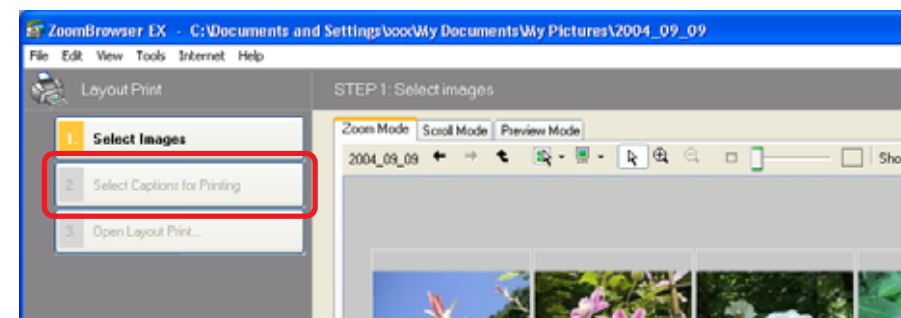
This is the step that you can select at the present time. You can switch to it by clicking the button.

However, if you have already finished selecting an image and you switch to the [Select Captions for Printing] task, you must click [Select Images] again to reselect the image.



■ Grayed Out Buttons (Gray Letters)

Grayed out buttons indicate tasks that are not available at the time. When you finish the task underway, the buttons will once again become selectable.



Function Buttons

The following buttons are available in the Main Window.



View Image Button

Displays the selected image in a viewer window.



Properties Button

Displays the shooting information and other data for the selected image in the Properties window.



Slide Show Button

Starts a slide show of the selected images.



Search Button

Searches images using criteria such as the Star Rating, revision date, shooting date, comments or keywords.



Delete Button

Deletes selected images or folders from the computer.

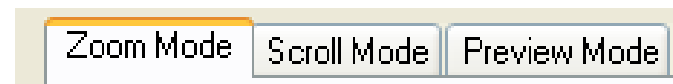


Rotate Button

Rotates the selected image. Choose between 90° Left, 90° Right or 180°.

Display Modes

Use the tabs to switch between Browser Area display modes.



Display Control Panel

The display control panel offers the following buttons.



Back Button

Returns to the view of the Browser Area displayed immediately prior.



Forward Button

Returns to the view of the Browser Area displayed prior to use of the Back button.



Up Button

Advances to a higher level folder when you have navigated to a lower level folder.



Selection Menu

Use this menu to select or deselect all of the images in the Browser Area at once. You can also use it to select bracketed images (images shot with the camera's AEB function).



Show/Hide Image Information Menu

Use this to show or hide image information—such as the file name, shooting date or Star Rating—below the thumbnail.



Selection Tool (Operative only in Zoom Mode)

Restores the mouse pointer to a “pointer” when the Zoom In or Zoom Out button is being used.



Zoom In Button (Operative only in Zoom Mode)

Zooms in to folders or images in the Browser Area.



Zoom Out Button (Operative only in Zoom Mode)

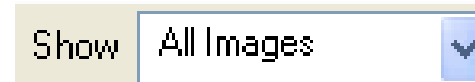
Zooms out from folders or images in the Browser Area.



Display Size (Operative only in Zoom or Scroll Mode)

In Zoom mode, it changes the display magnification of the entire Browser Area.

In Scroll mode, it changes the thumbnail display size.



Filter Images

Extracts only the images that are assigned a special Star Rating and displays them in the Browser Area.

The task buttons and other function buttons are discussed in more detail from Chapter 4 onward.

This chapter explains a sequence of ZoomBrowser EX basic procedures in order, such as downloading images from the camera and printing downloaded images. This section starts by explaining the procedures for downloading images from the camera.

IMPORTANT

- This guide assumes that all the relevant software programs and drivers have been correctly installed on your computer. If you have not yet installed them, read the guide supplied with your product and install them.

Starting Methods for ZoomBrowser EX

There are two ways to start ZoomBrowser EX: "Auto Start" and "Starting ZoomBrowser EX from the Icon." The "Auto Start" method is generally the most convenient for downloading images from the camera. Use the icon method under the following circumstances.

- To use ZoomBrowser EX when a camera or memory card reader is not connected.
- To restart ZoomBrowser EX with a camera or memory card reader already attached after the program has been closed.
- To use ZoomBrowser EX when the Auto Start function has been set to start a different program when the camera is connected.

IMPORTANT

- With some versions of Windows, you may not be able to use the Auto Start method the very first time the camera is connected after the computer has been booted up (due to a Windows limitation). Use the icon method in this case. You can use the Auto Start method from the second time onward.

Auto Start

You can start ZoomBrowser EX with this method by attaching the camera to the computer and preparing it to transfer data.

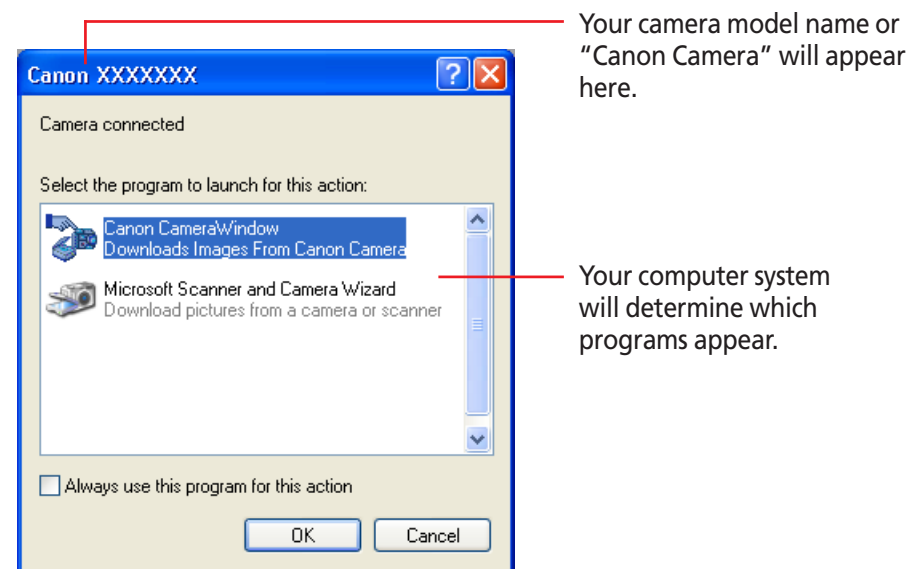
Set the following Auto Start Settings the first time (only) that you connect the camera to a computer. If you have already set them, proceed to the steps on the next page.

■ Settings for the First Connection to a Computer

1. Use the interface cable to connect the camera to the computer.

Please see your *Camera User Guide* for information on how to connect the camera to a computer. With some camera models, you must set the camera to the Playback mode to establish a connection to a computer.

A dialog similar to the following one (Events dialog) will appear. If it does not, read the *Troubleshooting* section in the *Appendices*.



2. Select [Canon CameraWindow] and click [OK].

The purpose of these settings is to have ZoomBrowser EX's Camera Control Window open automatically when the camera is connected to the computer. This will cause the Camera Control Window in Step 1 on the next page to open.

REFERENCE

- With a memory card reader, the Events dialog will appear each time. Select [View/Download Images using Canon CameraWindow] to open the Camera Control Window.

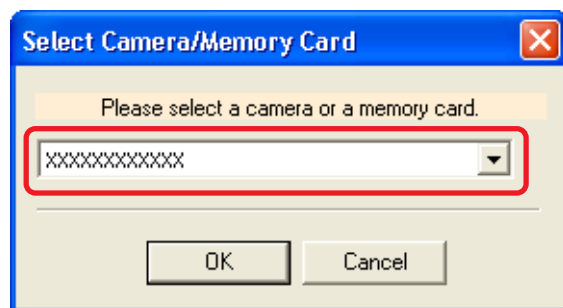
■ Procedures for Subsequent Connections to a Computer

IMPORTANT

- With some versions of Windows, you may not be able to use this method of starting ZoomBrowser EX the very first time the camera is connected to the computer after it is booted up. (The dialog shown to the right will not display even if you connect the camera to the computer correctly.)
In this case, use the icon method to start ZoomBrowser EX.

REFERENCE

- If the Scanners and Cameras Wizard displays, close it and use the icon method to start ZoomBrowser EX.
- A device selection dialog will display if you have both a camera and a memory card reader connected at the same time. Confirm that your camera model name or [Canon Camera] appears in the list box and click [OK].

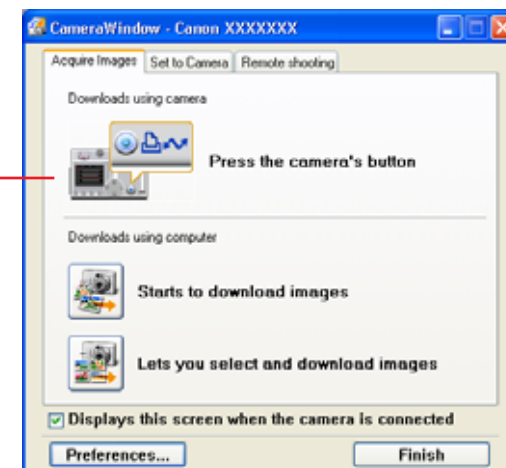


1. Use the interface cable to connect the camera to the computer.

Please see your *Camera User Guide* for information on how to connect the camera to a computer. With some camera models, you must set the camera to the Playback mode to establish a connection to a computer.

If the Auto Start settings have been set according to the previous page, the Camera Control Window will open just by connecting the camera to the computer with the interface cable.

Camera Control Window



REFERENCE

- If you do not need to download images (if you wish to proceed directly to ZoomBrowser EX's Main Window), click [Exit] and use the icon method to start ZoomBrowser EX.
- The explanation of which downloading method should be used after ZoomBrowser EX has started automatically is contained in the "Downloading Images Automatically" section in Chapter 3.

This section describes two methods for downloading images shot from the camera to a computer.

■ Downloading Images with Camera Commands

You can use this method to download images with cameras that support the direct transfer function.

■ Downloading Images with Computer Commands

This method uses commands entered on the computer to download images from a memory card in a camera or in a memory card reader. This method can be used regardless of whether your camera supports the direct transfer function or not.


IMPORTANT

- Check to ensure that the computer and the camera or memory card reader are in the correct state for communication.


REFERENCE

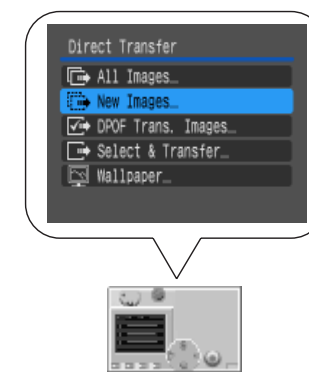
- This section uses the “Download All Camera Images Not Yet Downloaded” method, a simple method, to download images. Chapter 3 explains in greater detail how to select images for downloading from a camera or memory card and how to perform tasks such as changing the file destination.
- If images shot on different dates are contained on the memory card, the images will be grouped in folders by shooting date when they are downloaded and the folder with the most recent shooting date will display.

Using Camera Commands to Download Images

You can download images using camera commands if your camera supports the direct transfer function (camera has a  (Print/Share) button).

1. Read the dialog that displays.

If a Camera Control Window similar to the one below opens, proceed directly to Step 2. If your camera features a  (Print/Share) button, it will flash and a Direct Transfer menu similar to the lower right one will appear on the camera's LCD monitor.

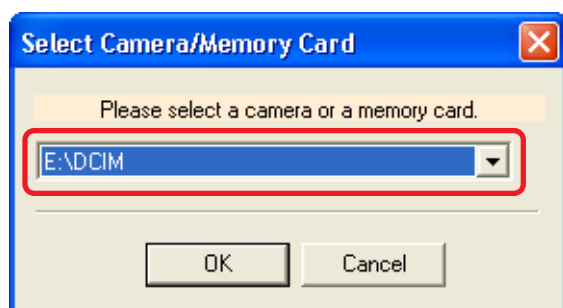



IMPORTANT

- If the Direct Transfer menu does not appear in the camera's LCD monitor, you cannot download images using camera commands.

REFERENCE

- If the Remote Shooting window opens, the previously noted window will not. Please close the Remote Shooting window.
- A dialog will appear if a camera and a memory card reader are connected concurrently to allow you to select the device from which images are shown. Select the desired device from the list box and click [OK].

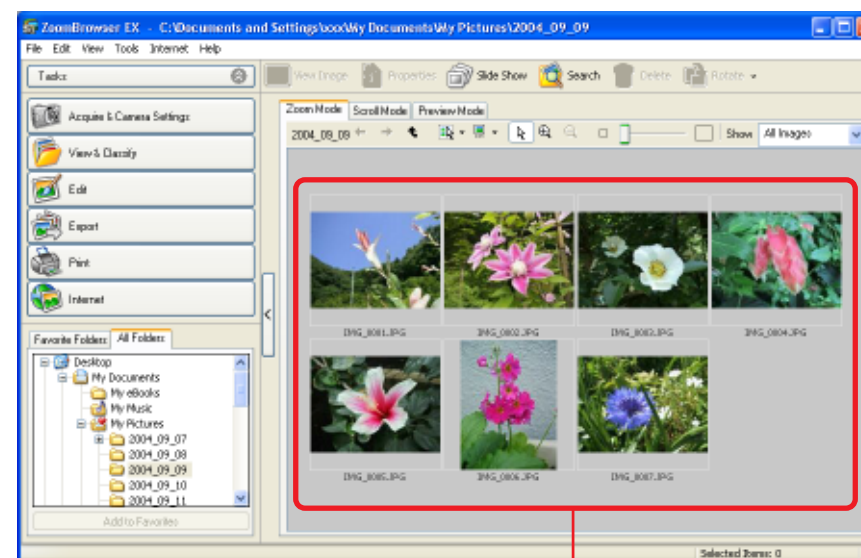


2. Set the Direct transfer settings on the camera, and push the  (Print/Share) button or [SET] button.

REFERENCE

- See your *Camera User Guide* for explanations of the settings and commands related to the Direct Transfer menu that appears in the camera's LCD monitor.
- If you click Settings on the computer, you can change the destination folder for image files. See "Downloading Images Automatically" in Chapter 3 for instructions on how to change the destination folder.
- By the default settings, downloaded images are saved to the My Pictures folder.

The images will begin to download. The downloaded images will be saved into folders according to the shooting date. The images will display in the Main Window when the download is complete.



Downloaded Images

Using Computer Commands to Download Images

1. Read the dialog that displays.

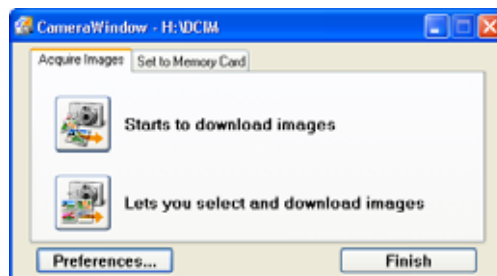
If a Camera Control Window similar to the one below appears, proceed to Step 3.



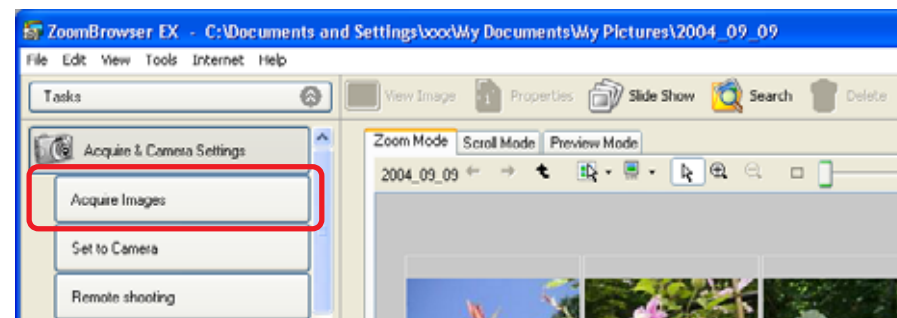
Proceed to Step 2 if ZoomBrowser EX's Main Window displays.

REFERENCE

- If you are using a memory card reader, a Camera Control Window similar to the following will open.



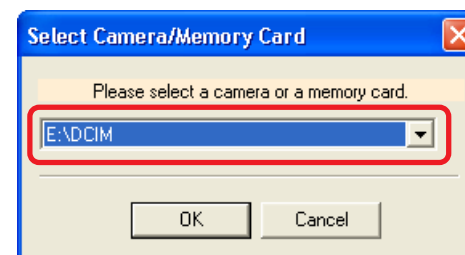
2. Click [Acquire & Camera Settings] in the Main Window, followed by [Acquire Images].



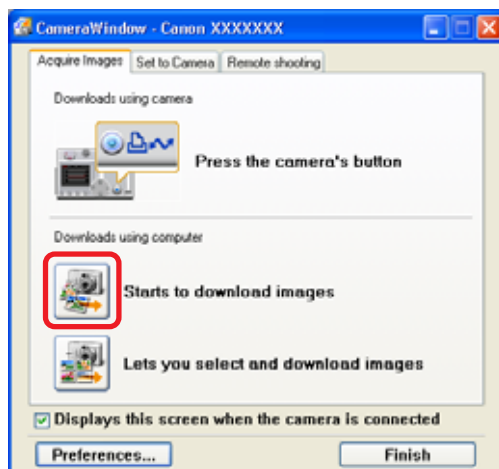
If you are using a memory card reader, check to ensure that the card is correctly inserted in the reader.

REFERENCE

- A dialog will appear if multiple memory card readers are connected and loaded with memory cards, or if a camera and a memory card are connected concurrently, to allow you to select which images are shown from which device. In that case, select the desired device from the list box and click [OK].



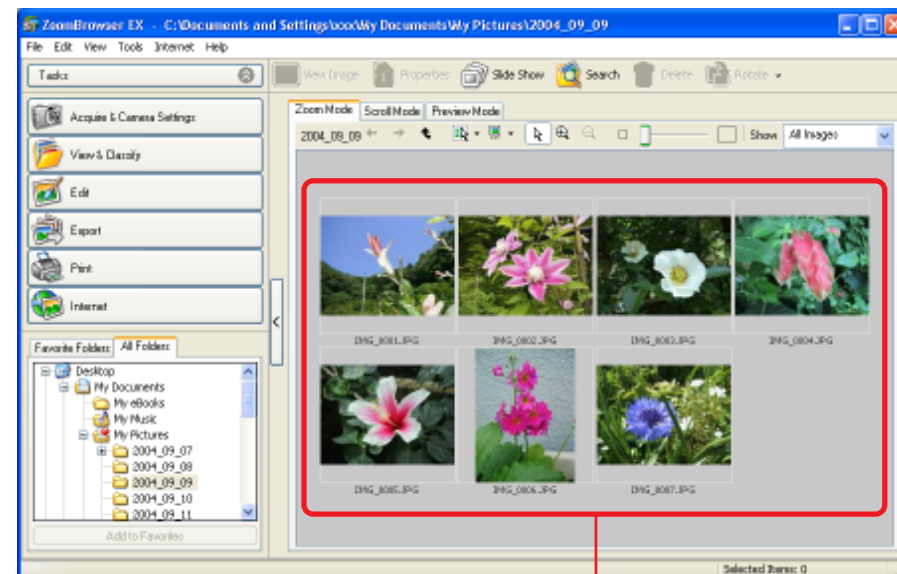
3. Click [Starts to download images].



REFERENCE

- If you click [Preferences], you can change settings such as the type of image to download and the destination folder. The methods for changing the settings are explained in "Downloading Images Automatically" in Chapter 3.
- By the default settings, all images that have not yet been downloaded are saved to the My Pictures folder.

The images will begin to download. The downloaded images will be saved into folders according to their creation dates. When the download is complete, the downloaded images will appear in the Main Window.



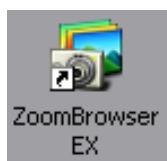
Downloaded Images

Starting by Clicking an Icon or Menu

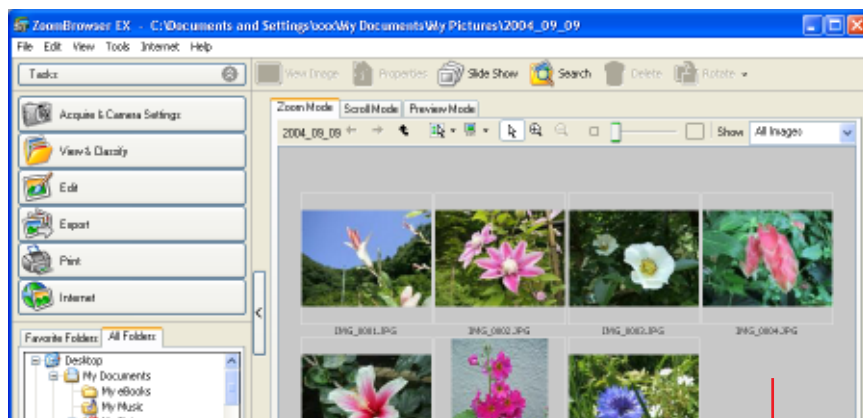
Use the following methods to start ZoomBrowser EX using its desktop icon or a menu.

■ The Icon Method

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



ZoomBrowser EX will start and open its Main Window.



Main Window

The downloading procedures after this are described in "Downloading Images to a Computer (4/8)."


■ The Menu Method

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

ZoomBrowser EX will start and open its Main Window.

The procedures for downloading images are described earlier in this topic.

Closing ZoomBrowser EX

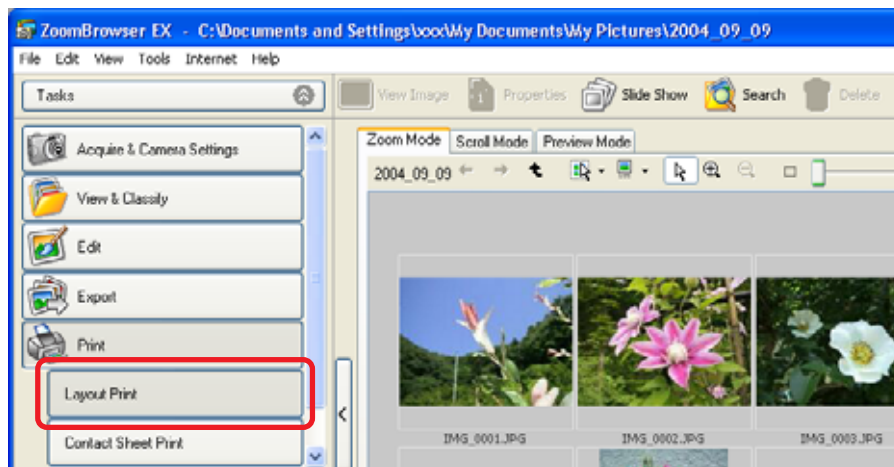
To close ZoomBrowser EX, click the  (close box) in the Main Window or click the [File] menu and select [Exit]. To close the Camera Control Window, click its [Finish] button.

You will use the PhotoRecord printing utility to print.

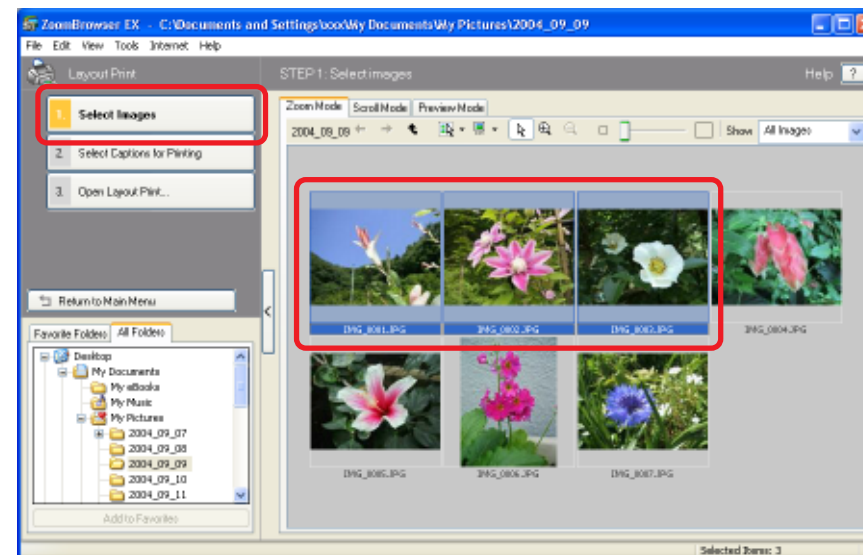
REFERENCE

- Images recorded in the Adobe RGB color space will appear unsaturated when printed using PhotoRecord (Color space settings are only available on select camera models).
- Please see the PhotoRecord Help menu for more details on using this program.

1. Click [Print] in the Main Window, followed by [Layout Print].



2. Click [1. Select Images] and choose images to print.
The background of the selected image(s) changes to blue.



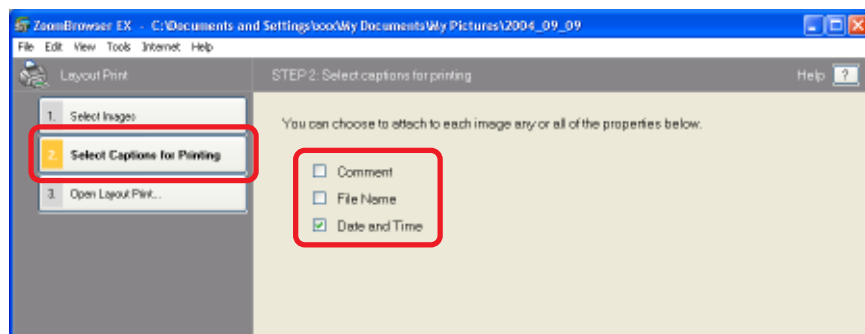
REFERENCE

- You can select multiple images by pressing and holding the [Ctrl] key while clicking on successive images. To deselect images, click on the images again while holding the [Ctrl] key down.

3. Click [2. Select Captions for Printing] and place a check mark beside the information you would like printed with the image (multiple selection possible).

REFERENCE

- See *Viewing Image Properties* in Chapter 5 to learn how to append comments to images.

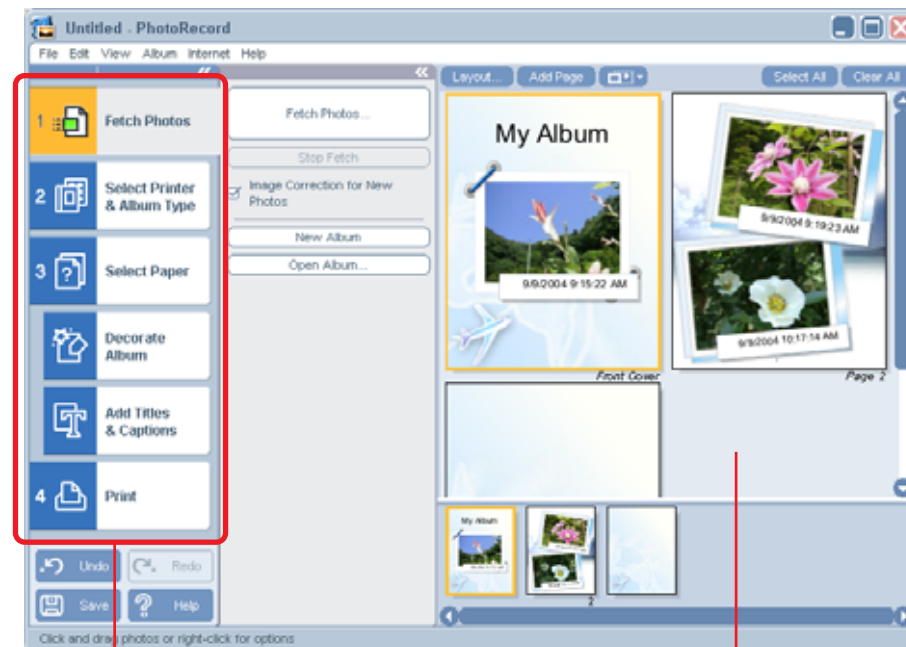


4. Click [3. Open Layout Print].
- This will start PhotoRecord and display the print image in the album window.

REFERENCE

- If the PhotoRecord Guide displays at startup, read it as necessary.

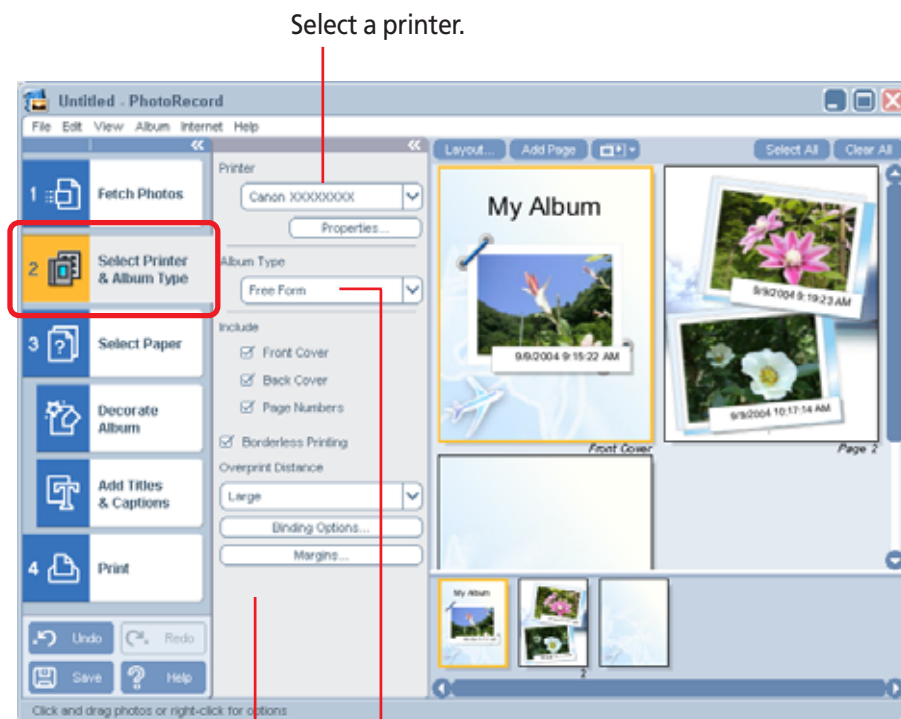
To operate PhotoRecord, follow the procedures displayed at the window's left.



The Steps in Order

Album Window

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

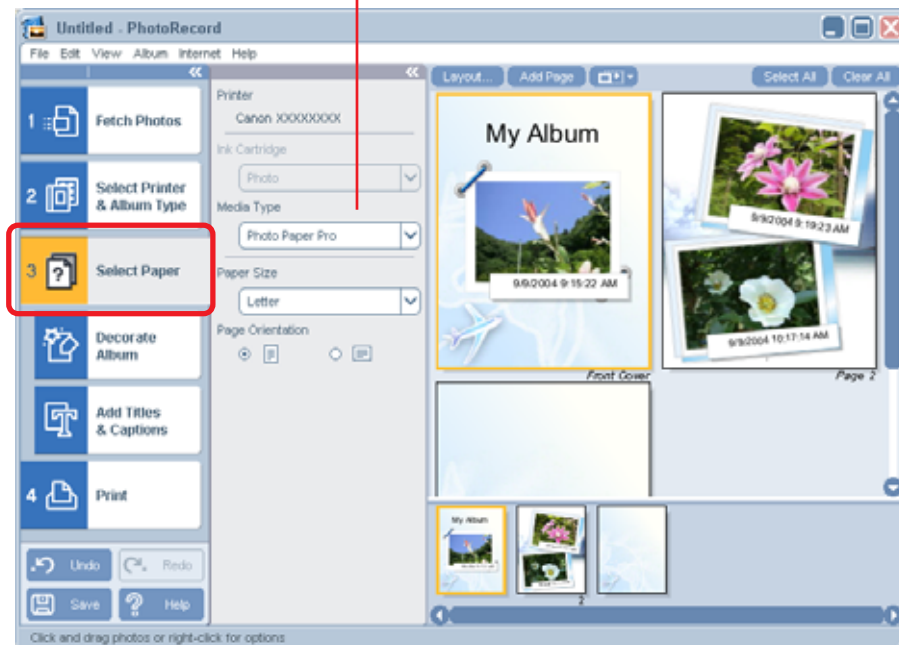


REFERENCE

- Select among the following album types. (The displayed album types may vary according to the printer in use.)
 - One Photo Per Page/One Photo Per Sheet
Prints one image on each sheet of paper.
 - Free Form
Allows images to be freely positioned on the page and printed.
 - Contact Sheet
Prints image thumbnails and their shooting information (Exif data) in a table format. The shooting information displayed in ZoomBrowser EX and the Exif data that can be printed using PhotoRecord differ slightly.
 - Fixed Size Photo
Prints images at the heights and widths you specify.
 - Mosaic
Prints a specified number of images in a spread.
 - Perforated Paper
Prints images on perforated paper.
 - 8-Sticker Label
Prints images on 8-label sheets.
- After you have selected the album type, you can set the detailed parameters for each album type in the area below, such as the margin placement and width and the number of images in an arrangement.

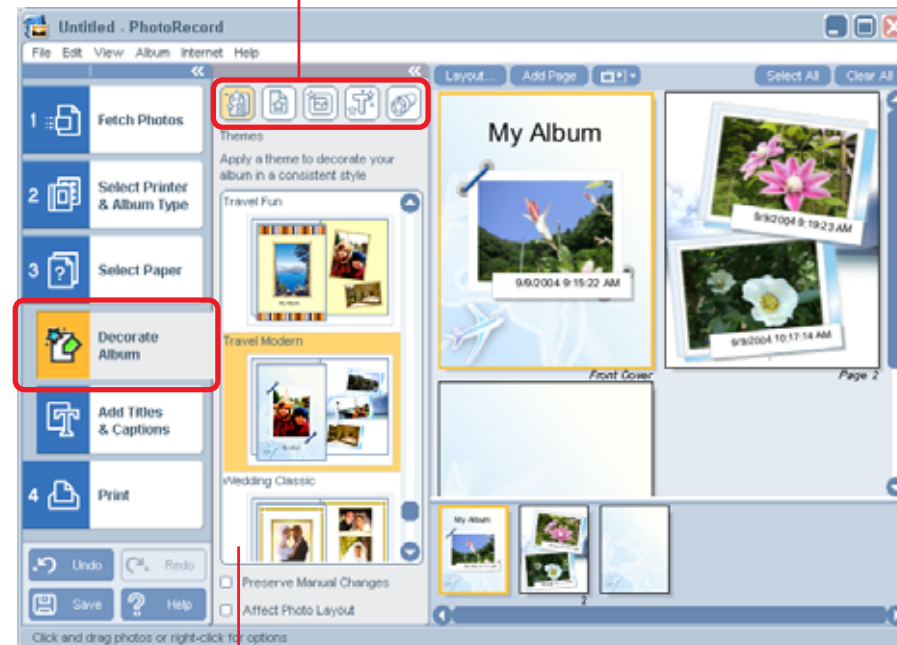
6. Click [3 Select Paper] and choose the media type, paper size and paper orientation.

Media Type and Paper Size Settings



7. Click [Decorate Album] and change the image background, frame and other design elements as desired.

Select an item to change.



Select a design.

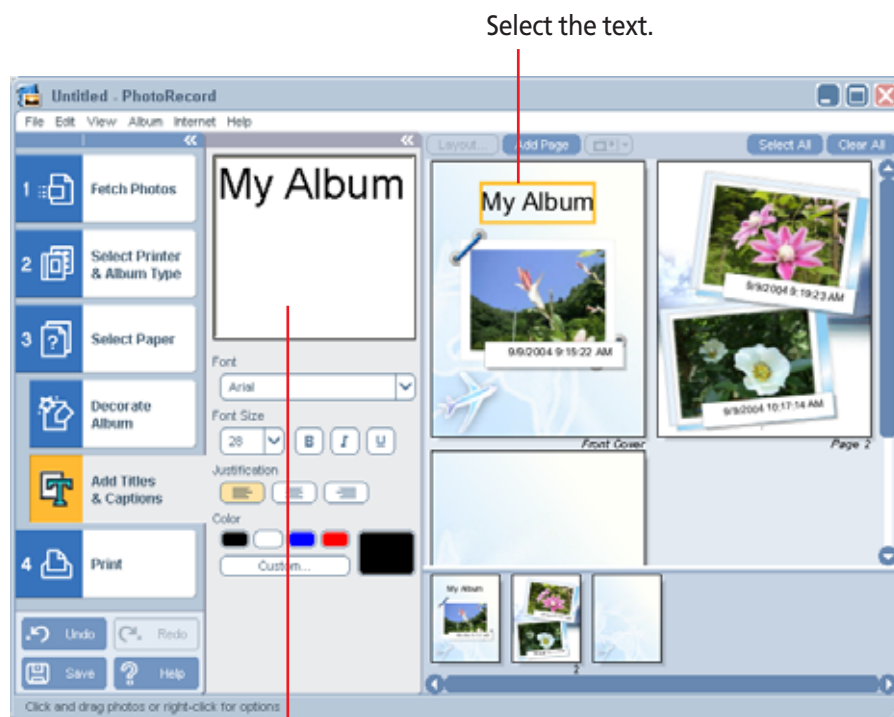
REFERENCE

- The settings categories shown in this window may vary according to the printer in use.

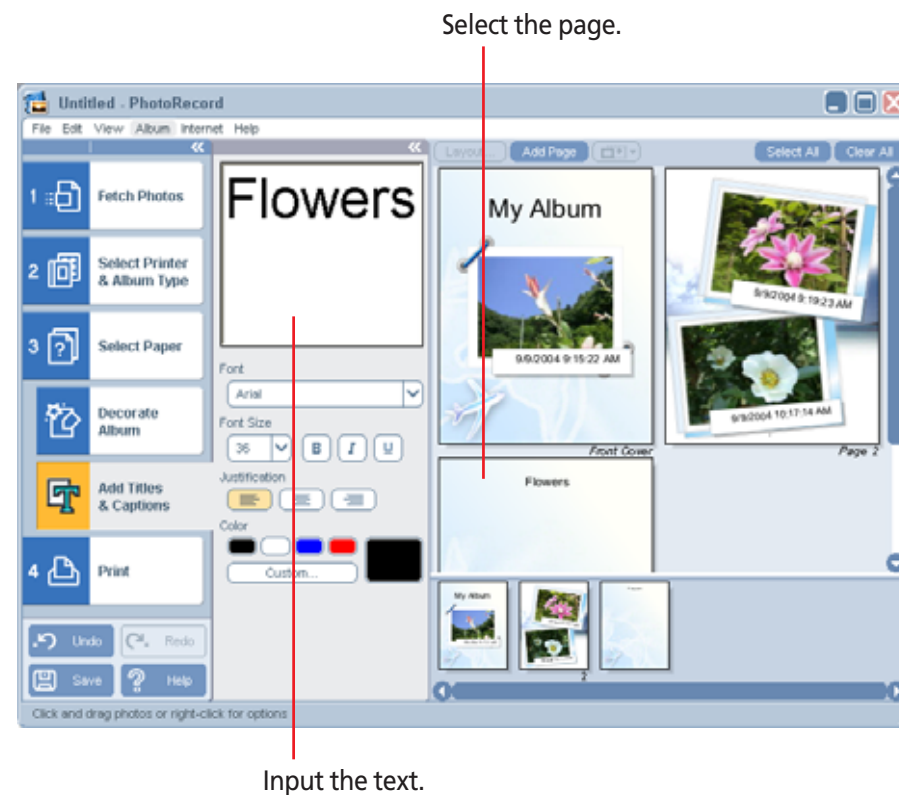
REFERENCE

- The items that can be changed include the themes (a unified design for the background, photo frames and text frames, etc.) backgrounds, photo frames, text frames, and clip art.
- Select the target page, image or text first when choosing a background, photo frame or text frame.

8. Click [Add Titles & Captions] and change or add titles and text as desired.
Click on text that is already displayed to change it.



To add new text, click the target page and input the text.



REFERENCE

- You can also adjust the font, font size, justification and color as desired.

9. Change the size and rotation angle of the image, text or clip art as desired.

The following operations can be performed in the album window.

■ Move Items

You can move images, text or clip art by dragging them.

■ Change Size or Rotation Angle

You can change the size or rotation angle of images, text or clip art by dragging the following points on them.



You can change the size by dragging one of these points.

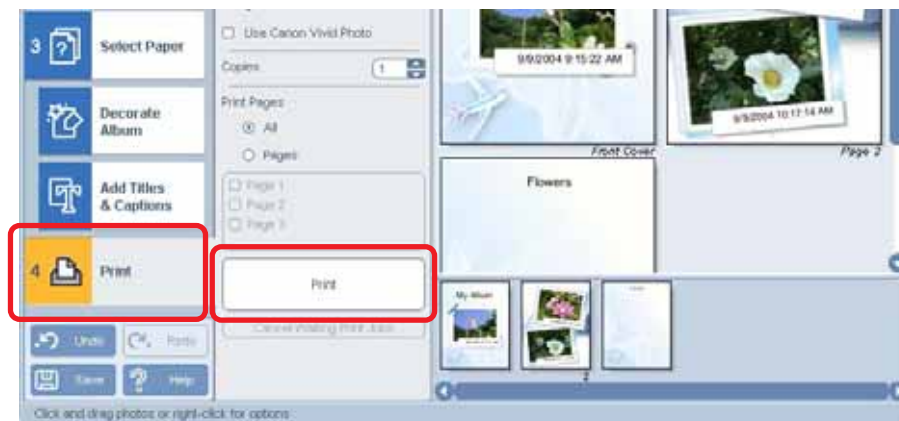
Sets it to the state at the right (rotation mode).



Sets it to the state at the left (sizing mode).

You can change the rotation angle by dragging this point.

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



This starts the printing process.

To close PhotoRecord, click the  (close box), or click the [File] menu and select [Exit].

REFERENCE

- Images captured by cameras that support the Exif 2.2 standard (nicknamed the "Exif Print" function) have the shooting settings data, such as the shooting conditions and shooting mode, embedded in them. You can obtain better prints by using this data to correct and print the images.
- PhotoRecord automatically performs image correction (default setting) on images shot by cameras that support the Exif 2.2 standard and on other image types, providing you with better print results.

This chapter explains the operations that can be performed with the Camera Control Window.

This explains the procedures for downloading camera images using the camera's Direct Transfer function.

Selects a function in the Camera Control Window.

You can download images in a single pass using a computer operation.

You can check images first before downloading using a computer operation.

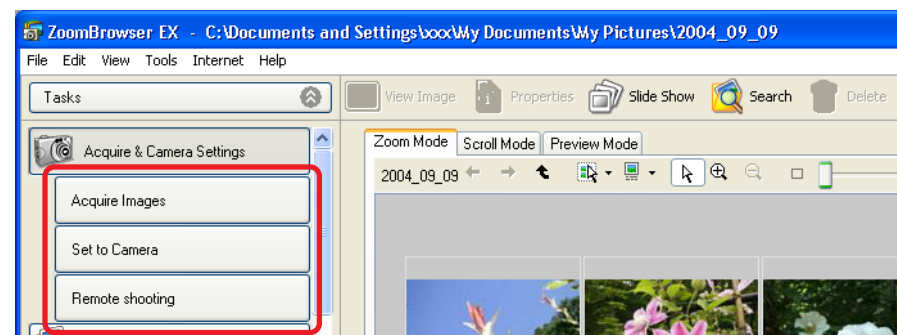
If you remove the check mark from here, the Events dialog (p. 12) will appear the next time the camera is connected to the computer.



Sets the downloading method, destination folder and auto download settings.

Opening the Camera Control Window

The Camera Control Window will automatically open when the camera is connected to your computer using the interface cable. When the ZoomBrowser EX Main Window is open, click [Acquire & Camera Settings] in the Task Area, followed by any menu item to open the Camera Control Window.

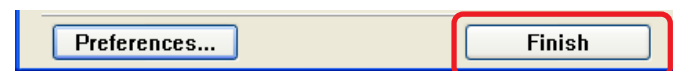


REFERENCE

- If the Camera Control Window does not open, click the [Start] menu and select [Programs] or [All Programs], followed by [Canon Utilities], [CameraWindow] and [CameraWindow].

Closing the Camera Control Window

Click [Finish] to close the Camera Control Window.



Starting Auto Downloading

After you have set the Direct Transfer settings on the camera, you can start the direct transfer. This will download images automatically to the computer.

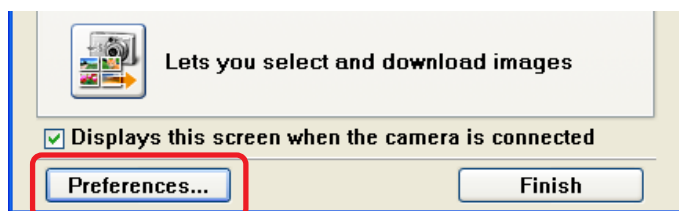
REFERENCE

- See your *Camera User Guide* for explanations of the settings and commands related to the Direct Transfer menu that appears in the camera's LCD monitor.

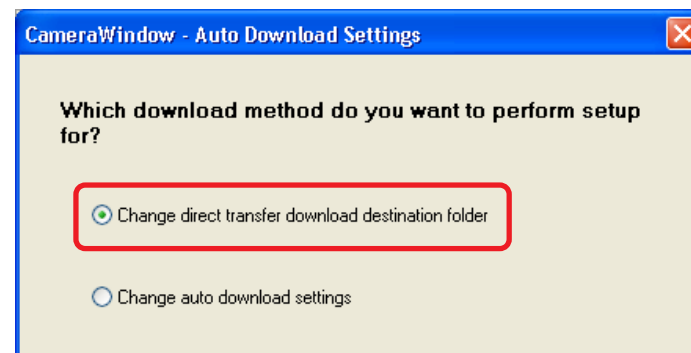
Changing the Auto Download Settings

Click [Preferences] when you wish to change the destination folder for images downloaded to the computer and change the setting.

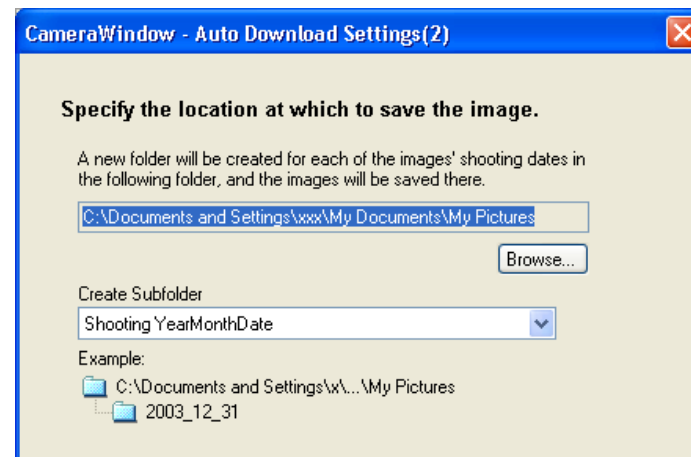
1. Click [Preferences].



2. Select [Change direct transfer download destination folder] and click [Next].



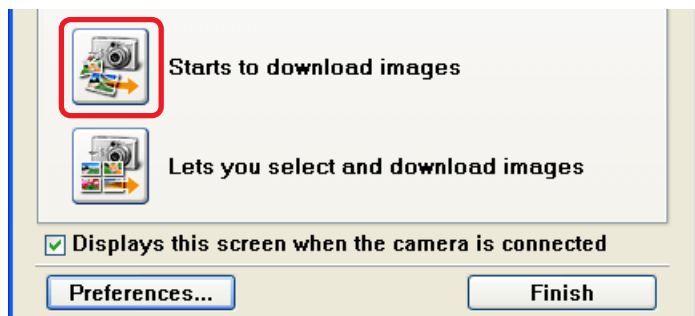
3. Select a destination folder for the downloaded images and set the new folder creation method for downloads, then click [Finish].



This concludes the settings procedure.

Starting Auto Downloading

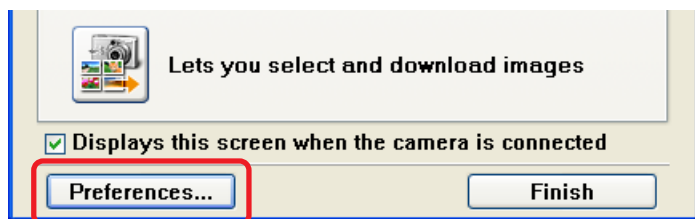
Click [Starts to download images] in the Camera Control Window. This will download all the images automatically that have not yet been downloaded to the computer.



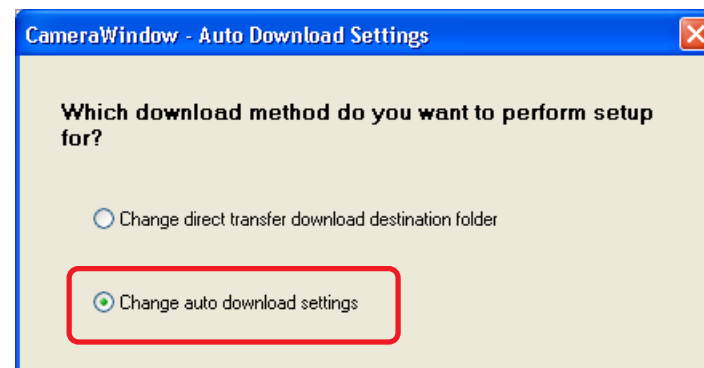
Changing the Auto Download Settings

Click [Preferences] and change the setting when you wish to change the type of image to download or the destination folder.

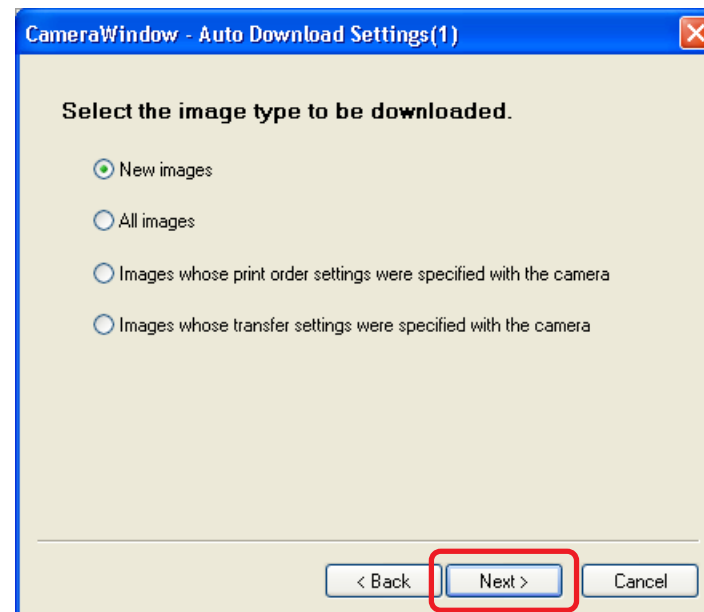
1. Click [Preferences].



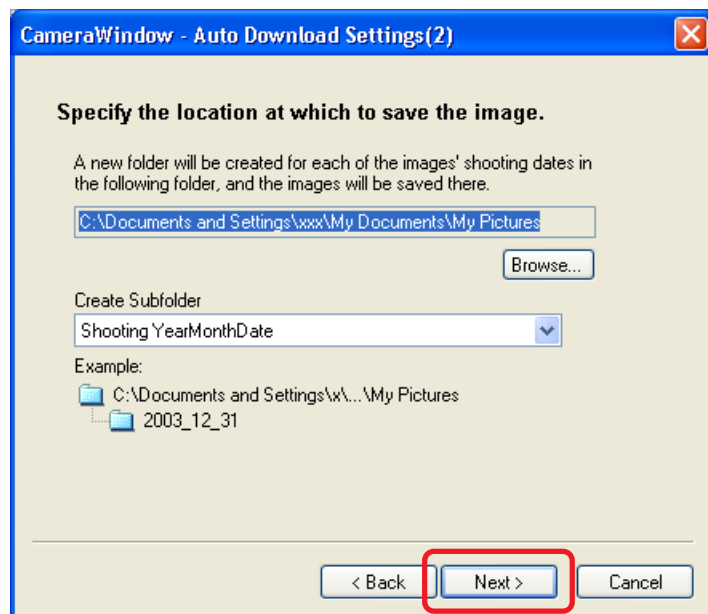
2. Select [Change auto download settings] and click [Next].



3. Select the type of image to download and click [Next].

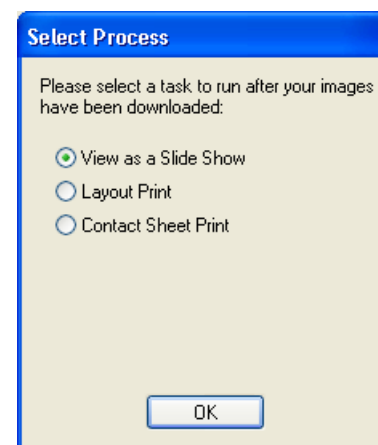
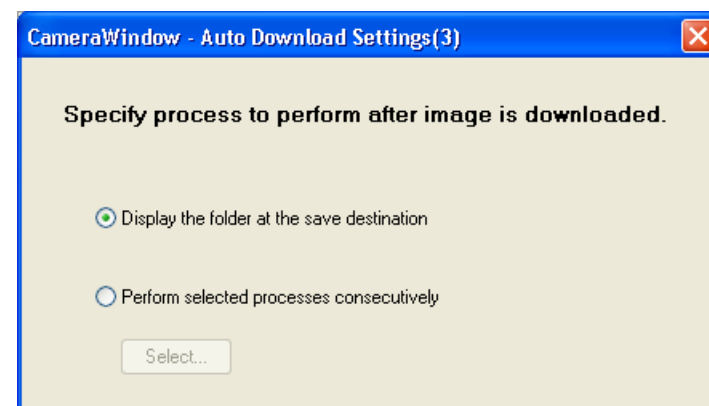


4. Select a destination folder for the downloaded images and set the new subfolder creation method for downloads, then click [Next].

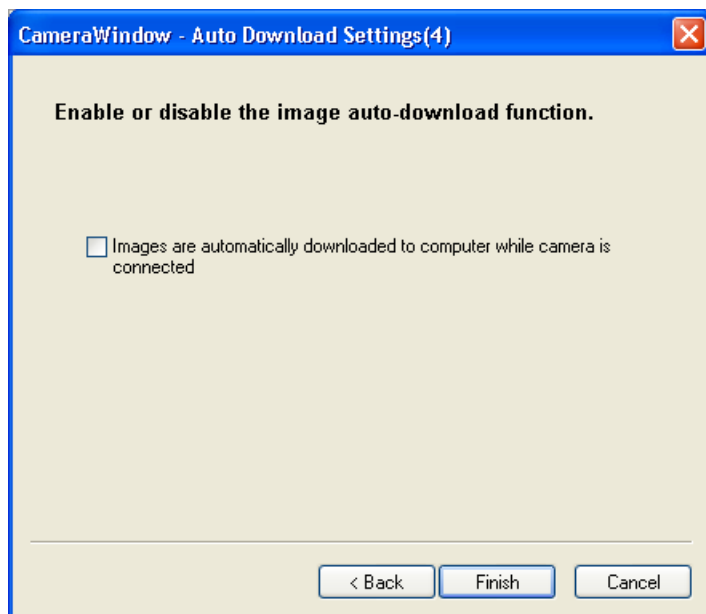


5. Set the process to initiate after the images are downloaded and click [Next].

To simply display the images in ZoomBrowser EX's Browser Window, select [Display the folder at the save destination]. To have a different process initiated, select [Perform selected processes consecutively], click [Select] and select a process in the process selection window.



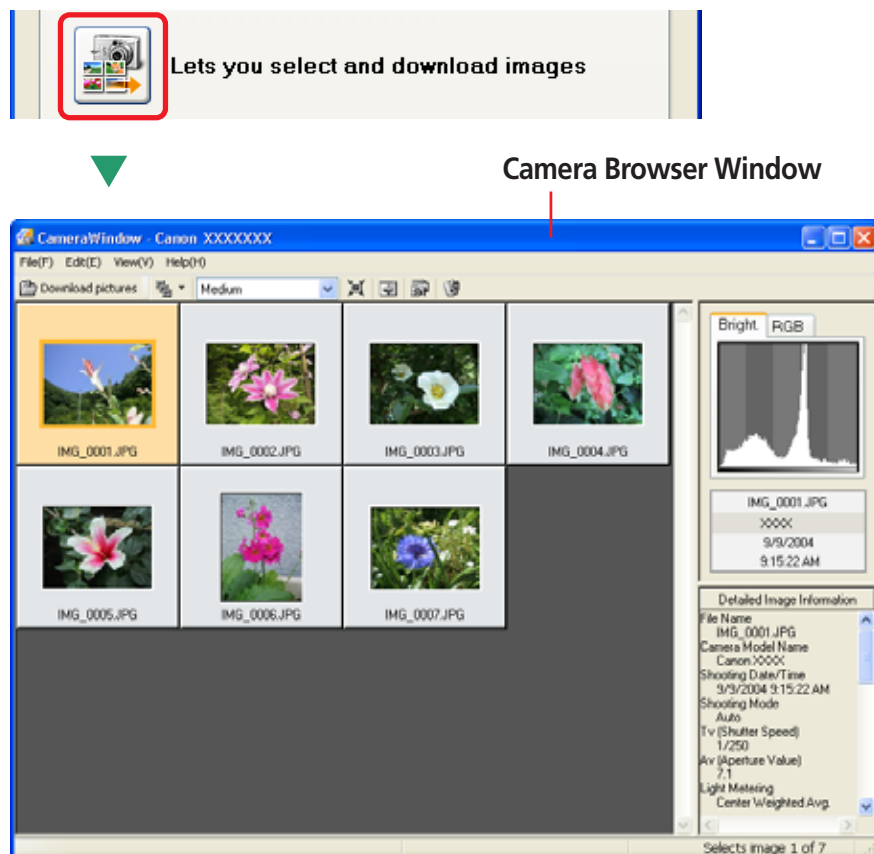
6. To initiate the selected auto download process immediately after the camera and computer are connected, place a check mark beside [Images are automatically downloaded to computer while camera is connected].



7. Click [Finish].
This concludes the settings procedure.

Opening the Camera Browser Window

The Camera Browser Window will open when you click [Lets you select and download images] in the Camera Control Window and it will display the images contained in the camera.

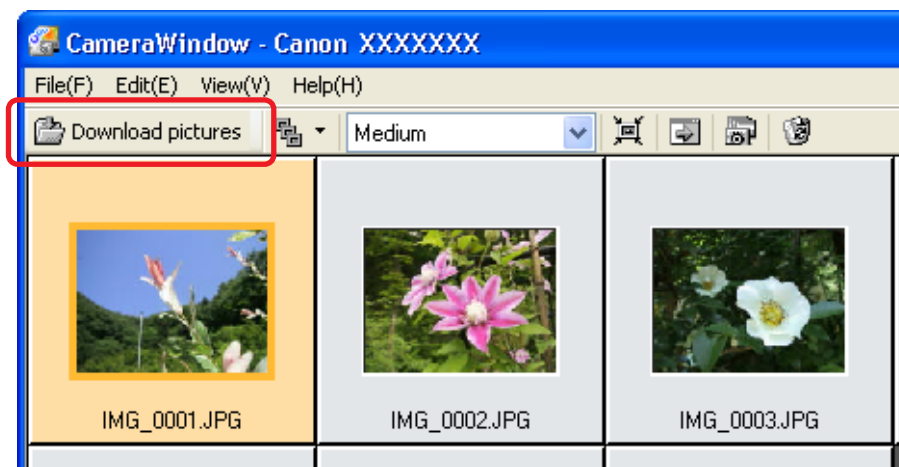


Selecting Images and Initiating the Download

1. Select images for downloading in the Camera Browser Window.

An orange frame displays around selected images. You can select multiple images by pressing and holding the [Ctrl] key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [Shift] key while clicking on the first and last images.

2. Click [Download pictures].



A window for setting the destination folder and other settings will open.

3. Set the file name and destination folder settings and click [Starts Download].

The images will download to the computer.

To change the file name, set the text characters for the file prefix and the consecutive numbering system.

Specify a folder as the destination for downloaded images.

CameraWindow - Download Images

Specify File Name

Do not modify

File Prefix

IMG

Assign Sequence No.

Number of 4

Start 1

Example:

(xxx: file extension will be the same as the original file name)

Specify Folder

Save to (Folder Name)

C:\Documents and Settings\xxx\My Documents\My Browse...

A subfolder into which the image will be saved will automatically be created in this folder.

☒ Create Subfolder

Shooting YearMonthDate

New Name

IMAGE

Example:

C:\Documents and Settings\xxx\My Docu...\My Picture

2003_12_31

Starts Download Cancel

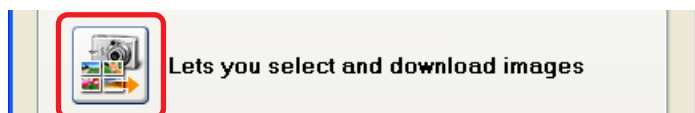
Click here to change the destination folder.

Deleting Images from the Camera

This section explains how to use the Camera Browser Window to delete images from the camera.

Opening the Camera Browser Window

Click [Lets you select and download images] in the Camera Control Window to open the Camera Browser Window.

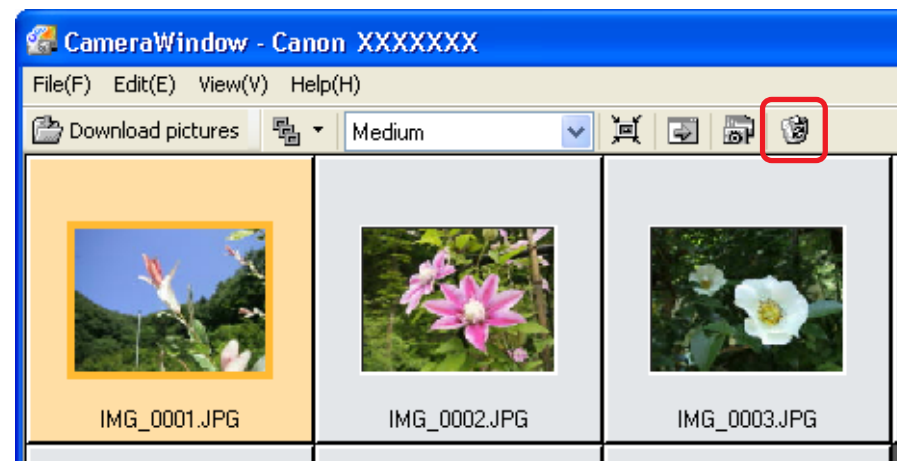


Deleting Images

1. Select images for deleting in the Camera Browser Window.

An orange frame displays around selected images. You can select multiple images by pressing and holding the [Ctrl] key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [Shift] key while clicking on the first and last images.

2. Click (Delete Image).



A confirmation dialog will display.

3. Click [Yes]. The image will be deleted.

Other Features of the Camera Browser Window

This section explains the other features of the Camera Browser Window.

REFERENCE

- You can also download images displayed in the Camera Browser Window by dragging and dropping them into ZoomBrowser EX's Browser Area or Folder Area.

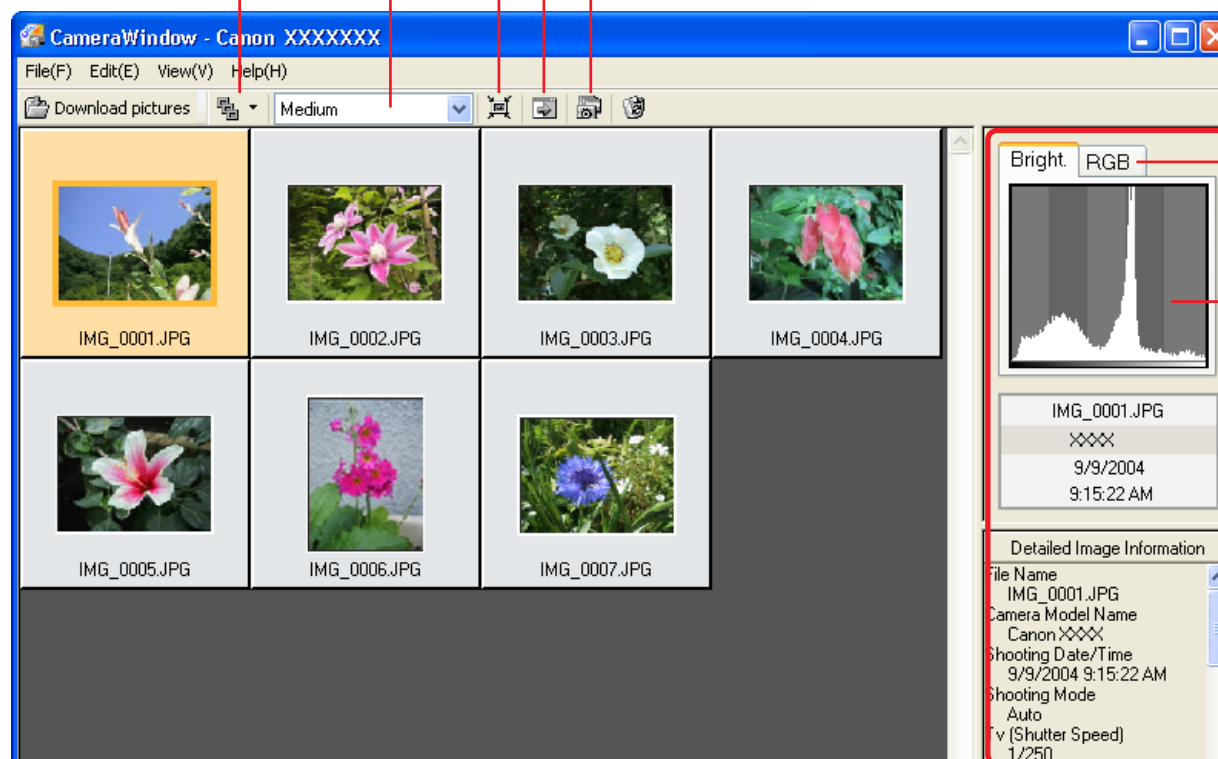
Changes the size of the image thumbnail (tiny version).

Selects the image selection method.

Selects whether the image border, file name and image number are shown or hidden.

Selects whether the image information at the window's bottom right is shown or hidden.

Starts ZoomBrowser EX.



Displays separate histograms of brightness or RGB data.

Histogram

Image Information

Setting the My Camera Settings (1/7)

This section explains how to save the “My Camera Settings” on your computer to the camera or vice versa.

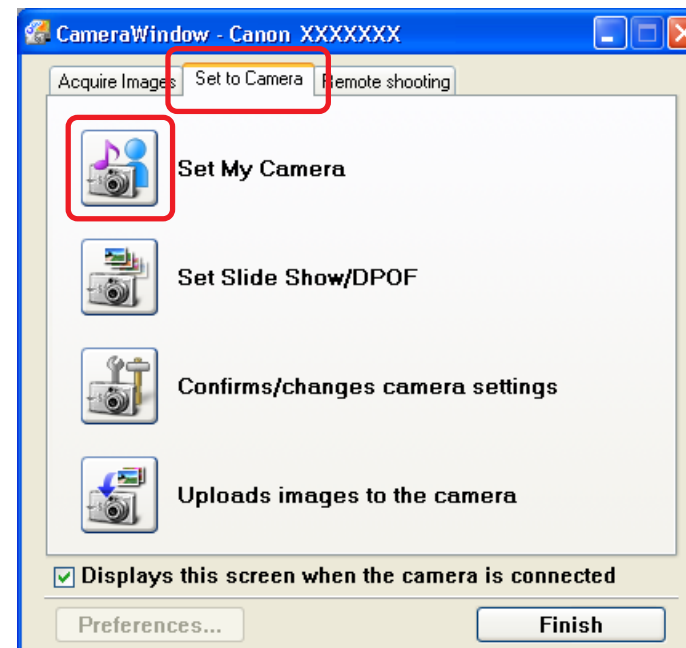
What are the My Camera Settings?

The start-up image for the camera and sounds such as the start-up sound, the shutter sound, operating sounds and the self-timer sound are collectively referred to as the My Camera Settings. You can add your favorite images and sounds from your computer to the My Camera Settings in the camera.

Displaying the My Camera Settings

ZoomBrowser EX comes with some My Camera Settings already prepared. Start by displaying this data.

First click the [Set to Camera] tab in the Camera Control Window and then click [Set My Camera].



The My Camera window displays.

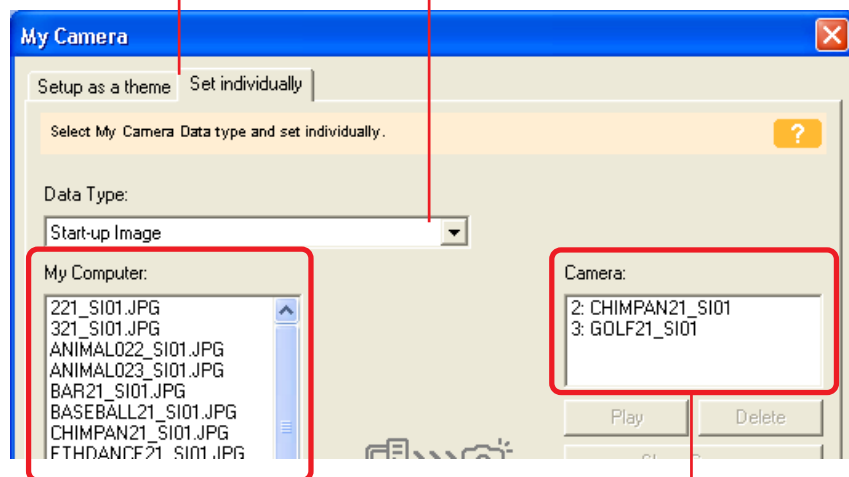
REFERENCE

- When the Main Window is open, you can open the Camera Control Window by clicking [Acquire & Camera Settings], followed by [Set to Camera].

Setting the My Camera Settings (2/7)

Switches between theme sets and individual settings.

Changes the type of data.



My Camera Settings that are already on your computer display here.

My Camera Settings in your camera display here.

Try switching between the [Setup as a theme] and [Set individually] tabs, and in the [Set individually] tab, try changing options in the Data Type category. The My Computer list displays the image files and sounds that were previously prepared. The Camera list displays the My Camera Settings currently in the camera (only the editable settings are shown).

You can save the files that appear in this list as My Camera Settings to your camera.

REFERENCE

- Theme settings are a collection of My Camera Settings with something in common.
- You can change all of the My Camera Settings—the start-up sound, the start-up image, the shutter sound, the operating sounds, and the self-timer sound—on the camera in one easy step by selecting the [Setup as a theme] tab and saving the desired theme set to the camera.
- You can also add new files as My Camera Settings to the Computer list (the procedure is explained later in this section).
- Pre-prepared My Camera Settings can be found on the disk on which ZoomBrowser EX was installed. Open the following sequence of folders: [Program Files], [Canon], [CameraWindow] and [MyCameraFiles].
- You can also open the My Camera window by clicking the [Edit] menu and selecting [Manage My Camera].

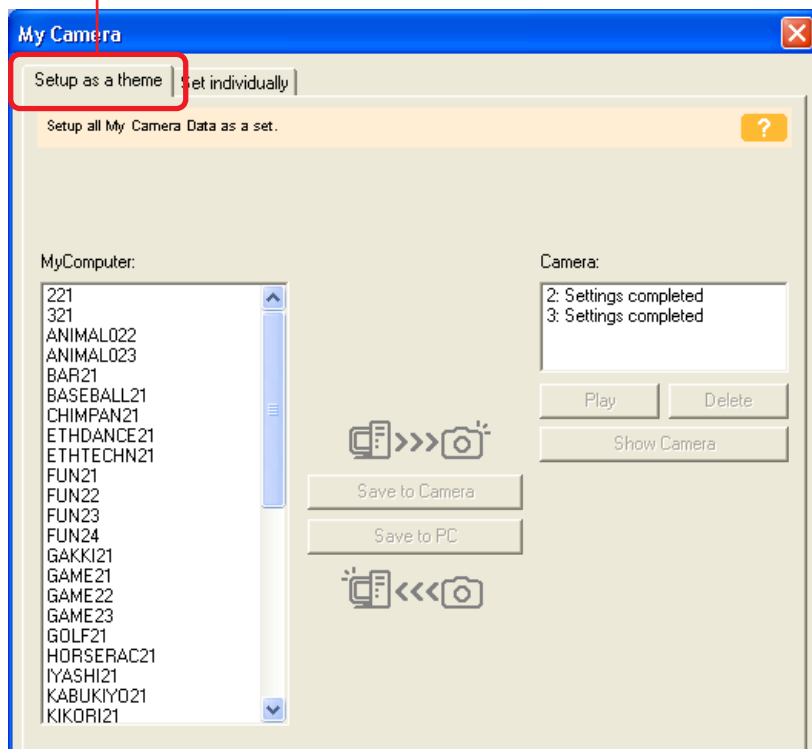
Saving the My Camera settings to the camera

This topic explains how to save the previously recorded My Camera Settings files to the camera.

1. Select the [Setup as a theme] tab in the My Camera window.

To set the My Camera Settings individually, click the [Set individually] tab instead and select the respective settings, such as the start-up sound or image, in the Data Type category.

Select the [Setup as a theme] tab.



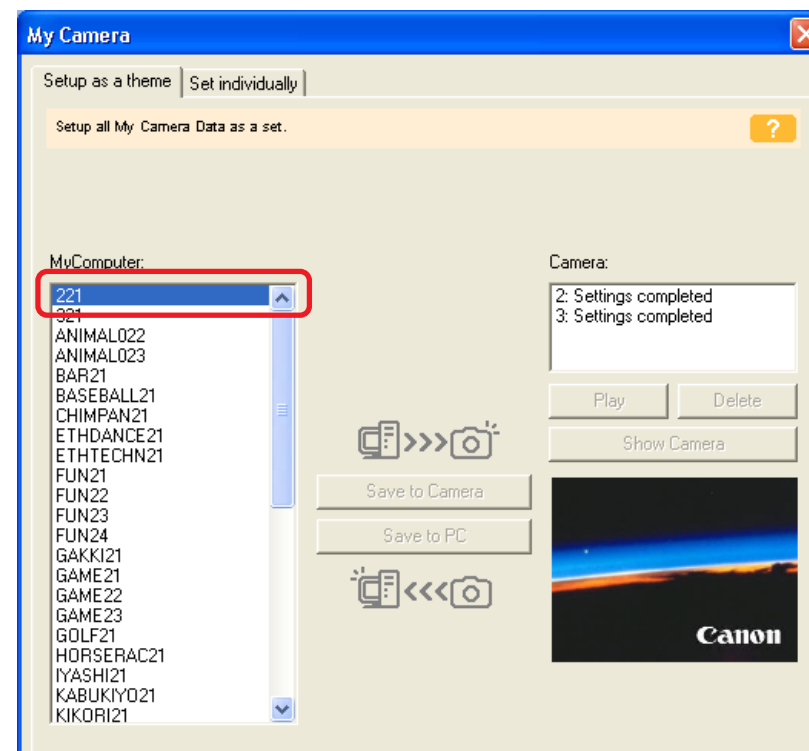
2. In the My Computer list, select a setting you would like to add to the camera.

When you select [Setup as a theme]:

The start-up image will preview in the area to the right and the start-up sound, the shutter sound, the operation sound and the self-timer sound will play in order.

When you select [Set individually]:

When you select a start-up image, it will be displayed in the preview area to the right. When you select a sound file, it will automatically be played.



Setting the My Camera Settings (4/7)

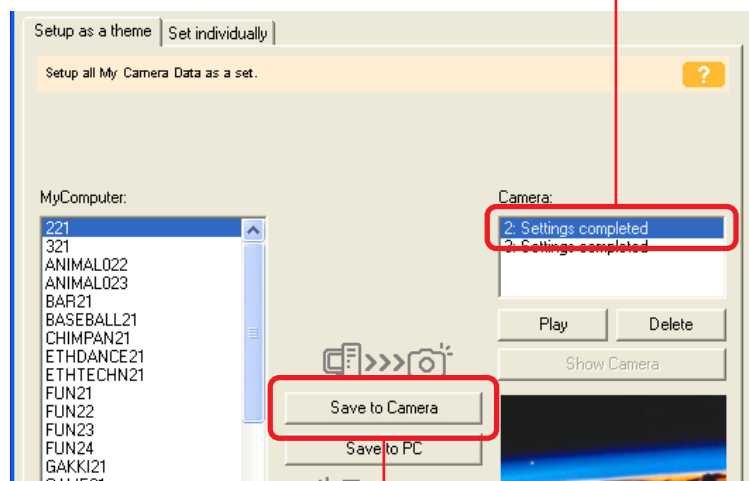
3. Select the settings file you would like to replace in the Camera list and click [Save to Camera].

Click [OK] if a confirmation dialog appears. The settings file in the camera will now be replaced with the one you specified from the computer.

REFERENCE

- Please note that the original settings file in the camera is overwritten and permanently erased. To restore the original settings file, you must add it once more to the camera. Before you overwrite a settings file in the camera, confirm that it appears in the My Computer list.

① Select the setting you want to replace.



② Click this.

Repeat Steps 1-3 to replace all the settings files with those you wish to save to the camera.

4. Click the [Close] button to close the dialog.

This concludes the procedure for adding settings to the camera.

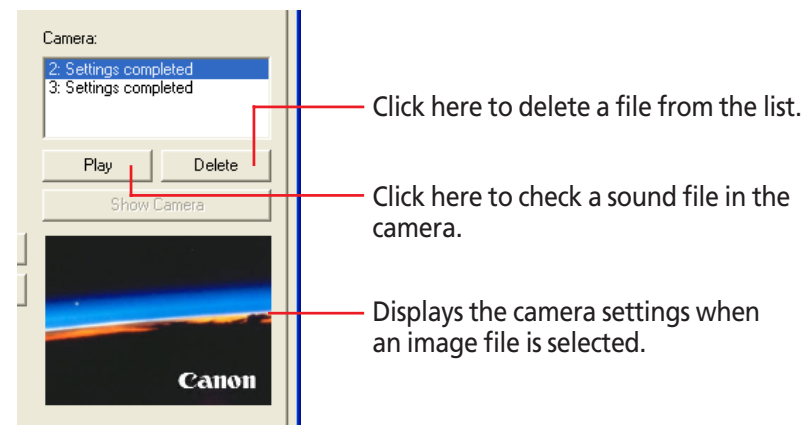
See your *Camera User Guide* for instructions on changing the start-up image, start-up sound and other settings.

IMPORTANT

- Never detach the interface cable, turn off the camera power or do anything to stop communication between the camera and computer while the My Camera Settings are being saved to the camera.

REFERENCE

- To delete settings files in the Camera list, select the file and click the [Delete] button.
- You can check a sound file in the camera by clicking [Play].



Setting the My Camera Settings (5/7)

Adding New Files to the My Camera Settings

Create a new image or sound file and save it to the computer and then add that file as a My Camera Settings file.

Create the new files before adding them

Start by creating the image file or sound file that will be used as a My Camera Settings file and save it to the computer.

■ Creating a Start-Up Image File

Create an image file using an image editing program. The file should be in the JPEG format, 320 x 240 pixels, and less than 20KB.

REFERENCE

- See the manual and help facility for the editing program for a detailed explanation of how to use it.

■ Creating a Sound File

Use the functions of the My Camera Sound Maker to record and edit sounds. Creating a My Camera sound file is discussed in "Create a My Camera Sound "in Chapter 6.

REFERENCE

- Record the sound as an 11.025 kHz or 8.000 kHz, 8 Bit, Mono sound in the WAV format. Sound files that can be added to the camera should conform to these guidelines.

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

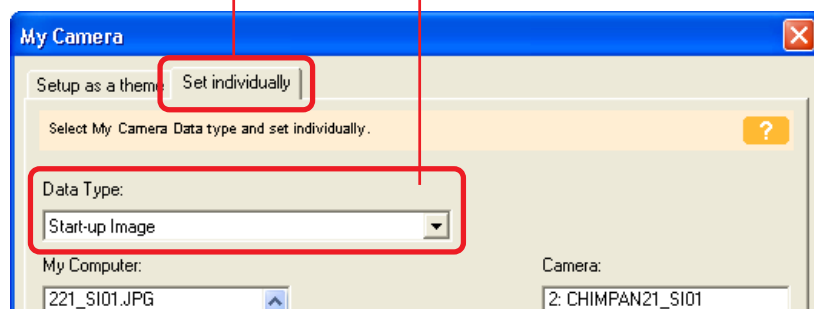
Setting the My Camera Settings (6/7)

■ Adding the new file as My Camera Settings to the computer

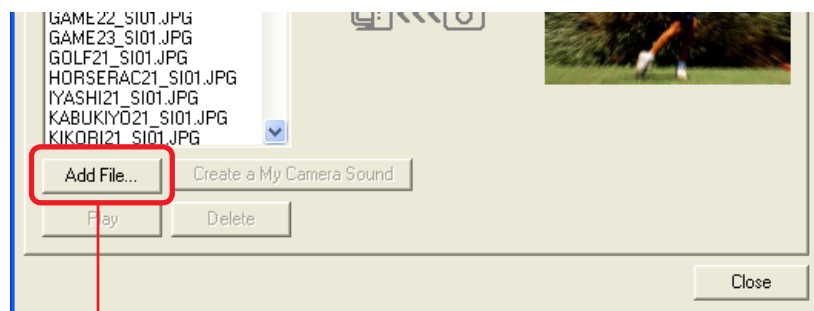
Once you have created the settings file and saved it to the computer, use the following procedures to add it to the My Camera window.

1. Click the [Set individually] tab in the My Camera window and switch the Data Type.

Click the [Set individually] tab in the My Camera window and switch the Data Type.



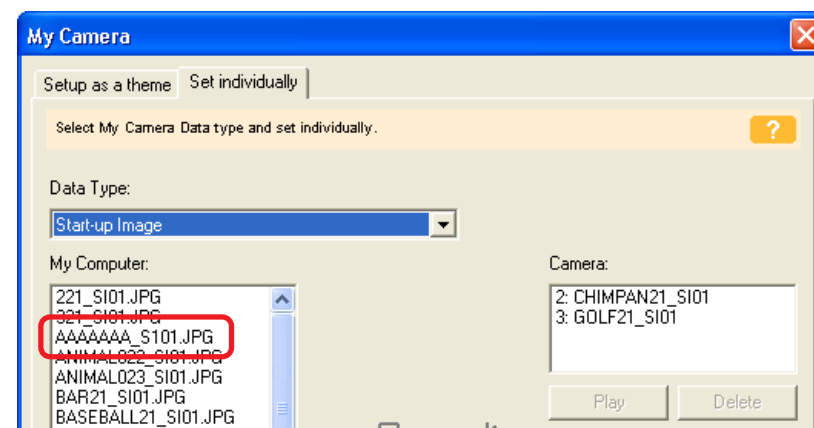
2. Click [Add File].



Click [Add File].

3. In the Open dialog, select the file you created and click [Open].

The selected file will appear in the My Computer list.



This concludes the process for adding the new settings. You can save the newly created settings to the camera using the procedures described in the *Saving the My Camera Settings to the Camera* section.

REFERENCE

- To delete a settings file, select it and click the [Delete] button beneath the My Computer list.
- Previously created settings can also be added as My Camera Settings to the computer with the same procedures as above, but have to comply with the specifications listed in the *Create the new files before adding them* section.

Setting the My Camera Settings (7/7)

Saving the Settings to the Computer

You can copy the My Camera Settings from the camera to the computer.

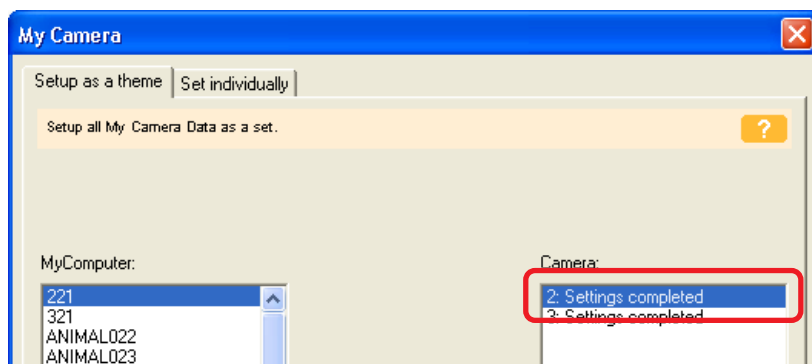
1. Click the [Setup as a theme] tab in the My Camera window.

To set the My Camera Settings individually, click the [Set individually] tab instead and select the respective settings, such as the start-up sound or image, in the Data Type category.

2. Select the setting you would like to copy from the Camera list.

If you selected the Theme tab in Step 1, the preview image will display in the area to the right and the start-up sound, the shutter sound, the operation sound and the self-timer sound will play in order.

If you selected the [Set individually] tab and the start-up image in the Data Type category in Step 1, the start-up image will display in the area to the right. If you selected a sound, it will automatically play.



3. Click [Save to PC].

4. Assign a name to the settings file and click [OK].

The settings file will copy to the computer disk. If there is a settings file with the same name, it will be over-written.

Repeat steps 1-4 as required to save the settings files you wish to copy to the computer.

5. Click [Close] to close the My Camera window.

This completes the copying process.

IMPORTANT

- Never detach the interface cable, turn off the camera power or do anything to stop communication between the camera and computer while the My Camera Settings are being saved to the computer.

Setting up Slide Shows on the Camera

You can edit a camera slide show from the computer (if your camera supports the slide show function).

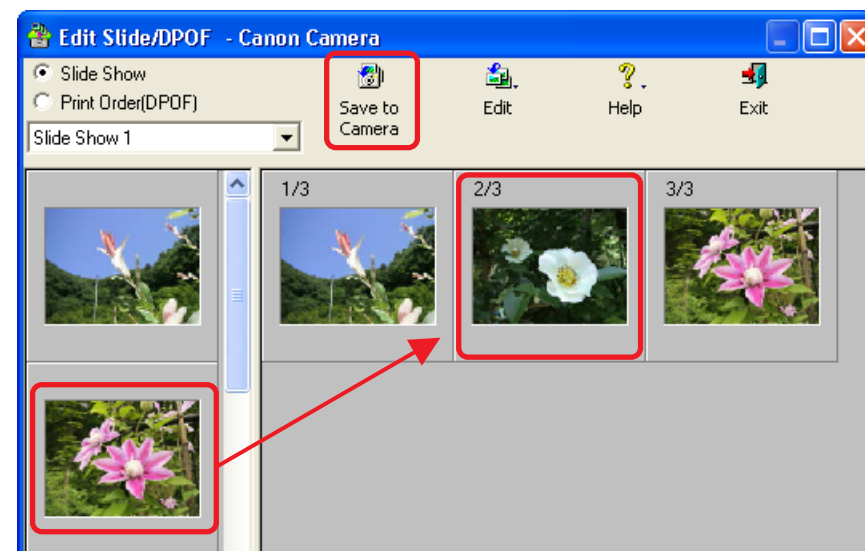
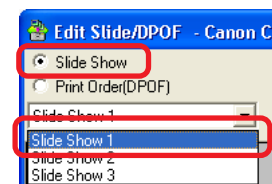
First click the [Set to Camera] tab in the Camera Control Window and then click [Set Slide Show/DPOF].



REFERENCE

- When the Main Window is open, you can open the Camera Control Window by clicking [Acquire & Camera Settings], followed by [Set to Camera].
- See your *Camera User Guide* for instructions how to use and play slide shows.

Click the [Slide Show] button at the top left of the next window and select the number of the slide show you wish to edit.



Then drag an image from the list on the left and drop it into the area on the right to line up the images to be used in the slide show.

When you are done arranging the slide sequence, click [Save to Camera] to save the slide show setup.

REFERENCE

- If you want to change the sequence of some images, just drag them to the right place in the area on the right.
- If you want to remove an image from the slide show, select the image. On the [Edit] menu, click [Clear].

Setting the DPOF Print Settings (1/2)

You can register print settings on a memory card, including the images to print and the number of copies.

IMPORTANT

- This feature does not work with unconverted RAW images. If you want to print RAW images, convert them first, copy them to the camera and perform this operation.

REFERENCE

- DPOF is a standardized format for recording print settings, such as the image selection and number of copies. After DPOF print settings have been set, you can take a memory card to a camera store or developing laboratory and have the images printed according to the settings.

How to make DPOF print settings

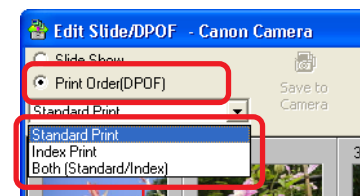
First click the [Set to Camera] tab in the Camera Control Window and then click [Set Slide Show/DPOF].



REFERENCE

- When the Main Window is open, you can open the Camera Control Window by clicking [Acquire & Camera Settings], followed by [Set to Camera].

Click the [Camera] menu in the Main Window and select [Edit Slide/DPOF]. Click the [Print Order (DPOF)] button at the top left of the next window and select the print type.



Select the print type.

■ Standard Print

Prints the specified number of copies of the images that you selected.

■ Index Print

Prints only thumbnails of the images that you selected.

■ Both (Standard / Index)

Prints the specified number of copies and thumbnails of the images that you selected. In addition, it produces an index print of small versions of all the images.

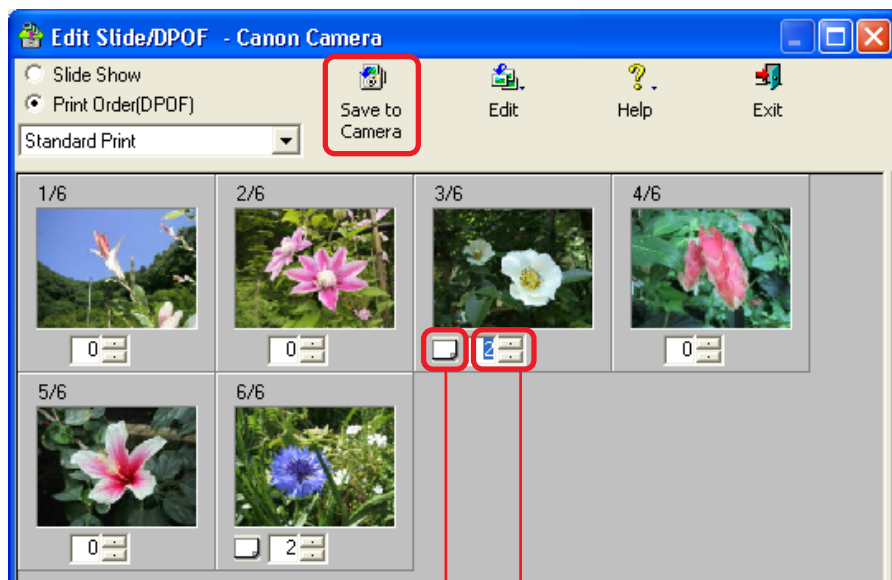
REFERENCE

- You can also click [Edit] and then click [Titles] to include the image date and file number in the prints.
- The date that the image was copied to the camera will print when images copied to the camera from the computer have their size changed while being copied.

Setting the DPOF Print Settings (2/2)

Standard printing

The number under each image indicates the number of copies to print. Use the arrows next to the boxes to select the number of copies you want.



The standard print icon displays when a number of copies is specified.

Specify number of copies to print.

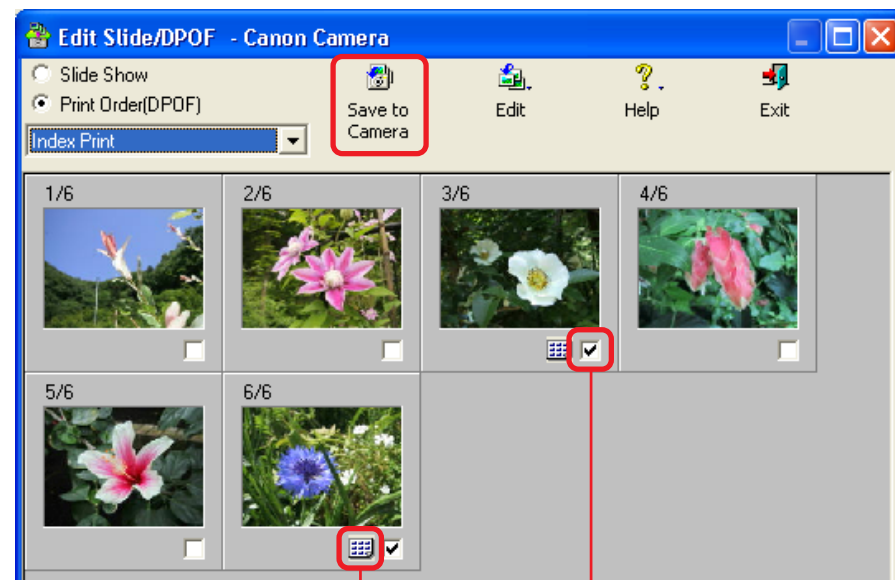
When you are done with your selections, click [Save to Camera] to save the information.

REFERENCE

- The procedure explained above also applies when the print type is "Both (Standard/Index)".

Index printing

To include images in an index print, select the check box under the image.



The index print icon displays when a check mark is added to the image.

Select the check box to include the image in the index print.

When you are done with your selections, click [Save to Camera] to save the information.

Checking and Changing Camera Settings

You can check and change camera settings from the computer.

First click the [Set to Camera] tab in the Camera Control Window and then click [Confirms/changes camera settings].



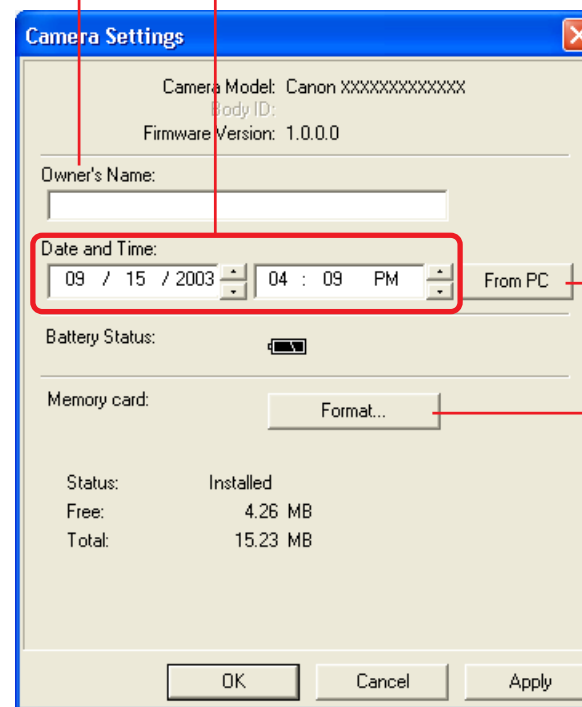
This will open the camera settings window. The settings shown at the right can be adjusted with this window.

REFERENCE

- When the Main Window is open, you can open the Camera Control Window by clicking [Acquire & Camera Settings], followed by [Set to Camera].

Type the name of the owner of the camera here.

Use this button to synchronize the camera clock and your PC clock.



Click this button to synchronize the camera's date and time settings with the computer.

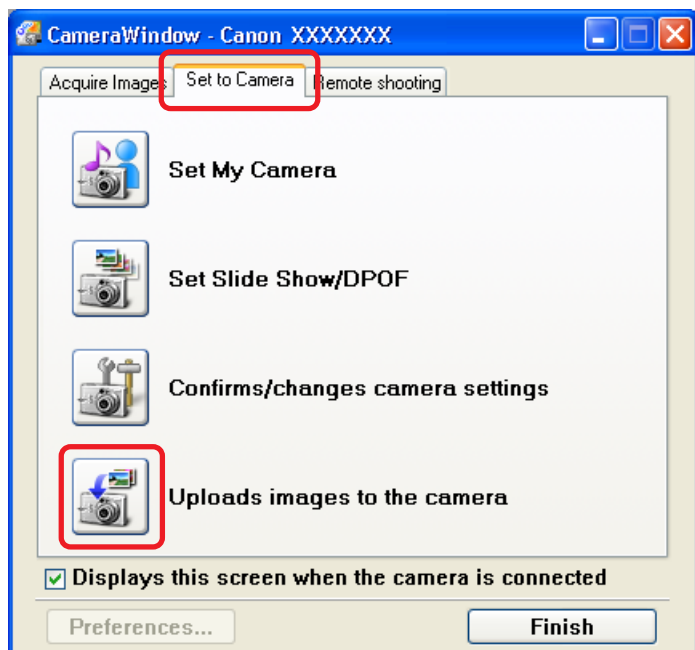
Click this button to format the camera's memory card (not supported by some camera models).

After you have checked the camera settings and made necessary changes, click [OK].

Copying Images to the Camera

You can copy images (JPEG format only) from the computer to the camera (or memory card).

First click the [Set to Camera] tab in the Camera Control Window and then click [Uploads images to the camera].

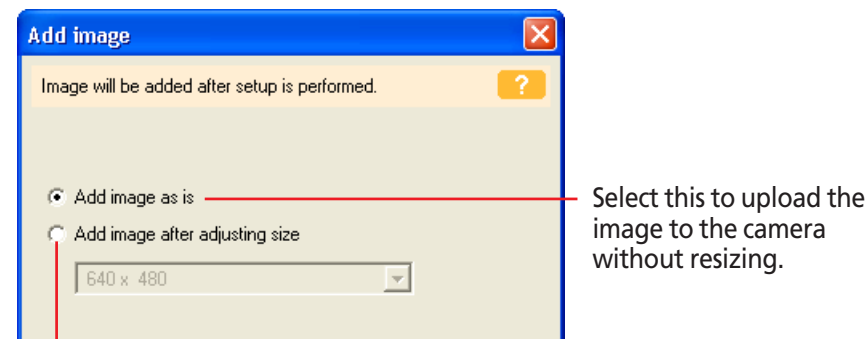


A dialog will appear, allowing you to select image files. Select files to copy and click [Open].

REFERENCE

- When the Main Window is open, you can open the Camera Control Window by clicking [Acquire & Camera Settings], followed by [Set to Camera].
- You can also copy more than one image at a time.

If a window similar to the following one opens, select an option as required and click [Add]. This will copy the image.



Select this to resize the image before uploading it to the camera. Select the image size in the list box beneath. (With a memory card reader, the image size is input as numerical values. If [VGA Size] is selected, 640 and 480 appear automatically.)

REFERENCE

- If multiple images have been selected, then the selected resizing option will affect all the selected images.
- You can select the [Send image as is] option only when uploading JPEG images based on the DCF standard. Select [Add image after adjusting size] for all other images.
- The shooting information will be lost if you add the image to the camera after changing its size.
- RAW format images and movie files (AVI format) cannot be uploaded to the camera.

This section explains the procedures for remote shooting, the process of operating the camera shutter remotely from a connected computer.

IMPORTANT

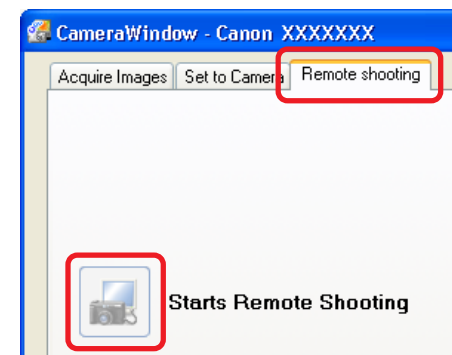
- See your *Camera User Guide* to check whether your camera supports the remote shooting function or not.
- On camera models with lens covers, open the lens cover before remote shooting.
- Ensure that you turn off your computer's standby feature before you begin remote shooting. The results cannot be guaranteed if the computer enters the standby mode while remote shooting.
- Except for the shutter button, the camera's buttons and switches, including the zoom, cannot be manually operated while the camera is being remotely controlled.
- The time lag between pushing the shutter button and the release of the shutter is slightly longer for remote shooting compared with the normal mode of operation.
- Depending upon your camera model, a program different from the one shown here may start up. Please refer to the manual for the software supplied with your camera if this occurs.

REFERENCE

- See the Help menu (it can be opened from the [Help] menu in the remote shooting window) for detailed operating procedures for remote shooting.

Remote Shooting Procedures

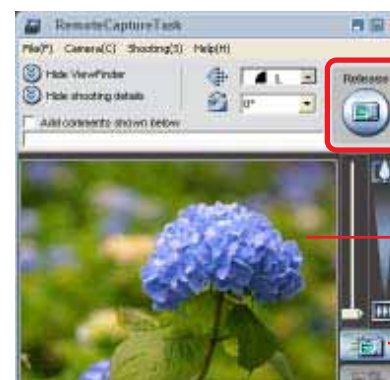
First click the [Remote Shooting] tab in the Camera Control Window and then click [Starts Remote Shooting].



REFERENCE

- When the Main Window is open, you can open the Camera Control Window by clicking [Acquire & Camera Settings], followed by [Remote shooting].

A dialog will appear, allow you to select the image destination folder. Specify a destination and click [OK].
A remote shooting window like that below will open.
Clicking the [Release] button in this window records the image.



The image captured by the camera displays here.

Switches between showing or hiding the image.

Features of the RemoteCapture Task Window

Switches between showing and hiding the viewfinder and the detailed settings sections.

You can add a comment to an image by clicking to place a check mark here and inputting text in the box below.

Selects the image's recording size and compression.

Sets the rotation setting of the image being recorded. This setting cannot be adjusted if your camera's Auto Rotate function is set to On.

Releases the camera shutter (you can also release it by pressing the camera's shutter button or the space bar on the keyboard).

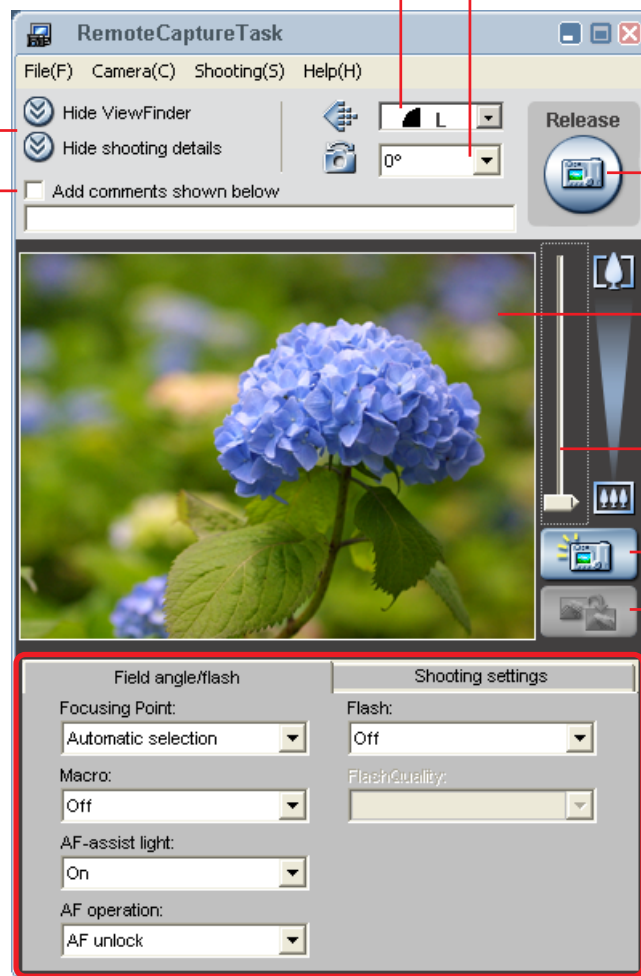
Viewfinder

Sets the camera's zoom.

Turns the viewfinder display on or off.

Refreshes the exposure, focus and white balance settings (these settings remain fixed until this button is clicked).

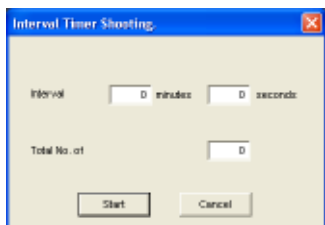
Sets the shooting settings. It is divided into the "Field angle/flash" tab and the "Shooting settings" tab. (The settings categories vary according to your camera model.)



Other Remote Shooting Features

Interval Timer Shooting

Interval timer shooting is the method of capturing images in which a set number of frames is recorded at set intervals of time.



Click the [Shooting] menu in the Remote Shooting window and select [Interval Timer Shooting]. Click [OK] in the warning message to open the window shown to the left. Set the values and click [Start] to start shooting. The interval may be set to a range from 5 seconds to 60 minutes.

REFERENCE

- You may not be able to record at the set interval if it is too short for the camera to transfer and save the image data.

Timer Shooting

Timer shooting is the method by which a single image is recorded after a set number of seconds.



Click the [Shooting] menu in the RemoteCapture Task window and select [Timer Shooting] to open a window like the one shown here. Set the number of seconds for the delay and click [OK]. The timer may be set to a range from 2 seconds to 30 seconds.

Saving and Recalling Shooting Settings

You can save the current zoom settings and the settings in the "Field angle/flash" and "Shooting settings" tabs by clicking the [File] menu in the RemoteCapture Task window and selecting [Save Shooting Settings].

Later when you wish to recall those settings, click the [File] menu in the RemoteCapture Task window and select [Batch Shooting Settings].

Displaying the Subject in the Camera's LCD Monitor

You can use the camera's LCD monitor or a television connected to the camera to view the subject while shooting remotely.



Click the [Camera] menu in the RemoteCapture Task window and select [Camera Display Settings] to open a window like the one shown here.

Select [Video Out terminal] or [Camera's LCD monitor] and click [OK].

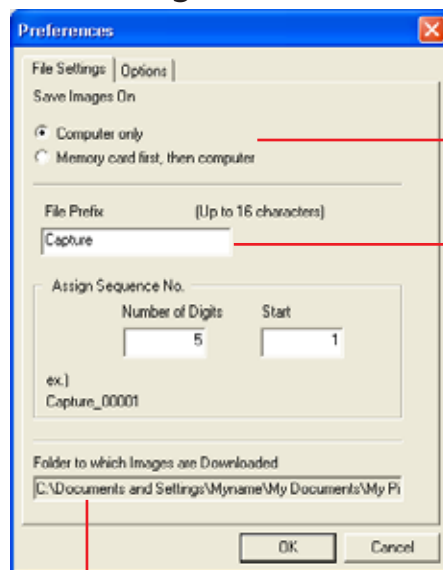
REFERENCE

- See your *Camera User Guide* for information about connecting the camera to a TV.

Remote Shooting Default Settings

You can display the default settings for remote shooting by clicking the [File] menu in the RemoteCapture Task window and selecting [Preferences].

File Settings Tab

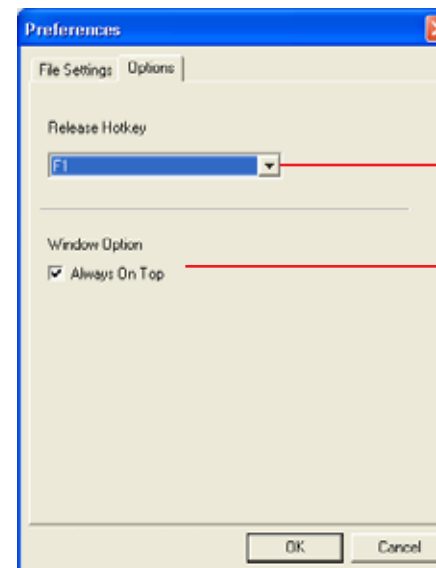


Sets whether images are saved only to the computer, or also to the camera's memory card.

Sets the root file name for saved images.
For example, if you type "Capture," file names are automatically assigned in ascending order starting from "Capture_00001.jpg".
You can also change the number of assigned digits and the starting number.

Folder to which recorded images are saved
(This is the folder specified when remote shooting was started)

Options Tab



You can release the shutter using the key specified here.

Click to place a check mark here to have the RemoteCapture Task window remain in front at all times.



REFERENCE

- If you click [Computer only] in the Save Images On category, you can record images when the memory card in the camera is full and will not accept more images or when it is not present.

This chapter explains the methods for displaying images with ZoomBrowser EX.

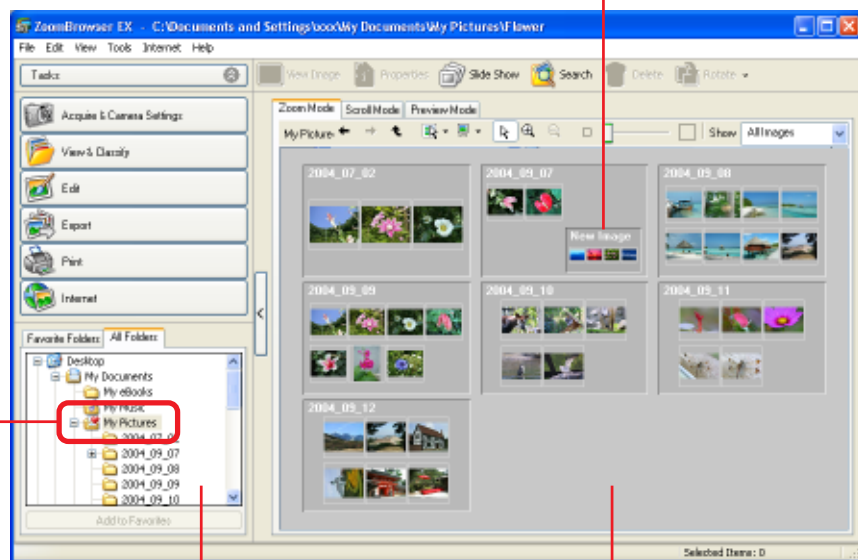
This section explains the methods for using the Folder Area to select folders containing the images you wish to view.

Selecting Folders

If you click a folder in the Folder Area, the images it contains will display in the Browser Area. Use the  or  button to the left of the folder name to hide or show the folder contents.

The images in the selected folder will display. (Images in subfolders within a folder appear in a rectangular frame.)

Selected Folder

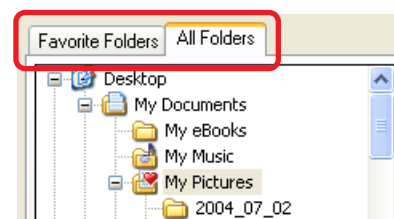


Folder Area

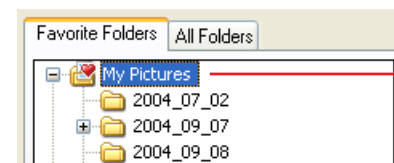
Browser Area

Favorite Folders and All Folders

Two tabs, entitled Favorite Folders and All Folders, display in the upper portion of the Folder Area.

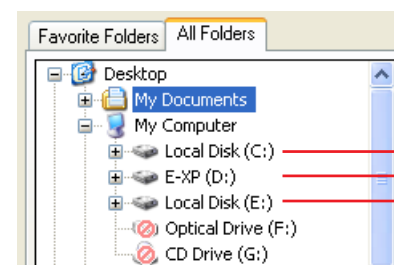


If you select Favorite Folders, the folders that have been already registered as your favorites will display. You will find it convenient to register a folder that you use regularly as a Favorite Folder.



Pre-Registered Folders

If you select All Folders, all the disks that are connected to your computer will display (along with their folders).

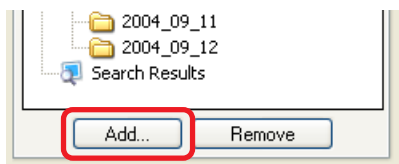


Pre-Registered Folders

Registering a Folder as a Favorite Folder

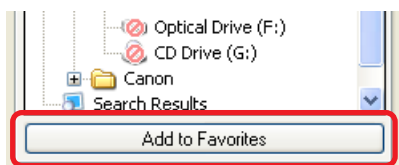
■ Favorite Folders Tab Selected

Click [Add] at the bottom of the Folder Area, select a folder in the window that opens and click [OK].




■ All Folders Tab Selected

After you open the folder in the Folder Area that you wish to register, click [Add to Favorites] at the bottom of the Folder Area.



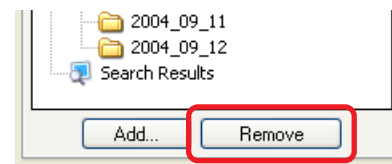
Alternately, you can click the folder and drag and drop it onto the Favorite Folder tab.

REFERENCE

- A heart symbol  appears on the icon of folders that have been registered as favorites.
- You can also register folders as favorites by clicking the [View] menu and selecting [Add New Favorite Folder].

Deregistering a Favorite Folder

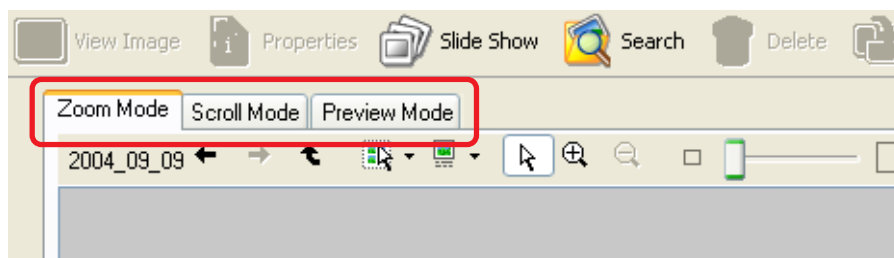
Select the Favorite Folders tab and the folder you wish to deregister, and click [Remove] at the bottom of the Folder Area.



You can change the display mode in the Browser Area for ease of use. This section explains how to do it.

Three Display Modes

The three display modes for the Browser Area are the Zoom mode, Scroll mode and Preview mode. The Zoom mode is the default mode. You can switch between modes by clicking the tabs at the top of the Browser Area.



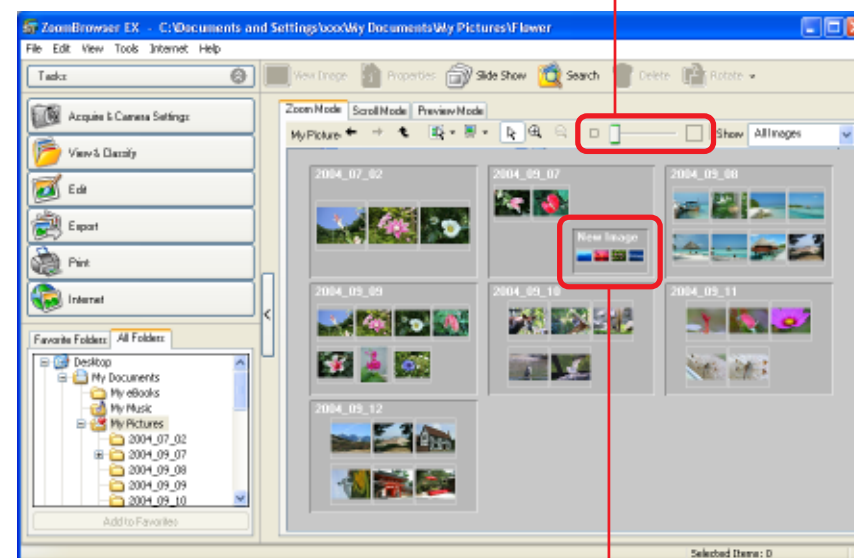
REFERENCE

- You can also switch between display modes using the View menu.

Zoom Mode

Displays all images in folders as thumbnails (tiny versions). Since many images can be shown together, it is a convenient mode for visually searching for an image amongst all the rest.

You can change the zoom level for the entire Browser Area.



Images within subfolders also display.
(The rectangular frame indicates a subfolder.)

REFERENCE

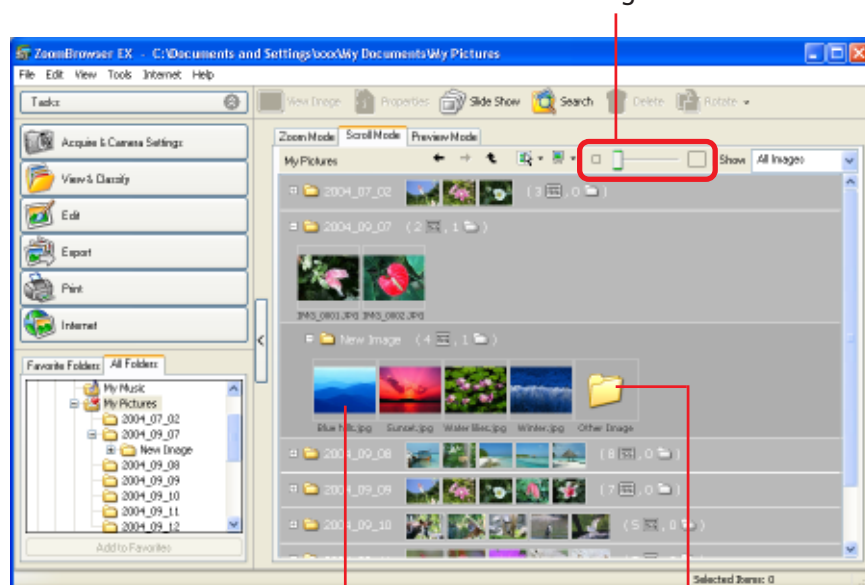
- You can change the zoom speed. The method is explained in "Preferences (1/3)" in the Appendix.

■ Scroll Mode

This mode is convenient for checking images in several folders simultaneously. If the displayed folder is one or more level deep in the hierarchy, the thumbnails of the images in the folder will display too.

Example of a Second Level Folder

You can change the thumbnail size.

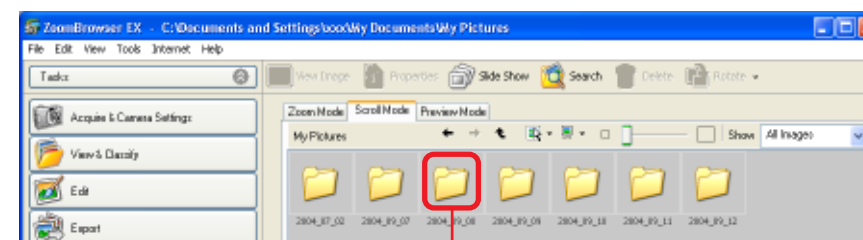


The image thumbnails will display in folders that are up to two levels below the selected folder.

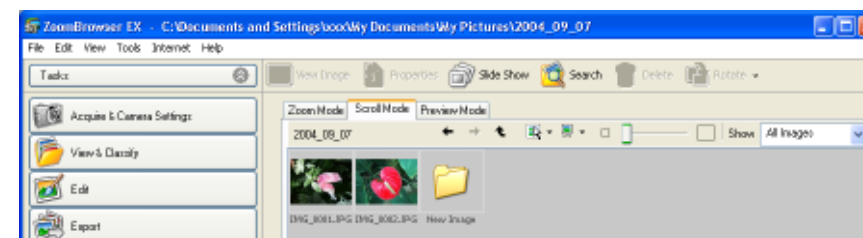
The folder icon shows for folders that are three or more levels below the selected folder.

Zero Level Folder

The folder is displayed as an icon. You can open it by double-clicking it.



Display the images and subfolders by double-clicking the folder icon.

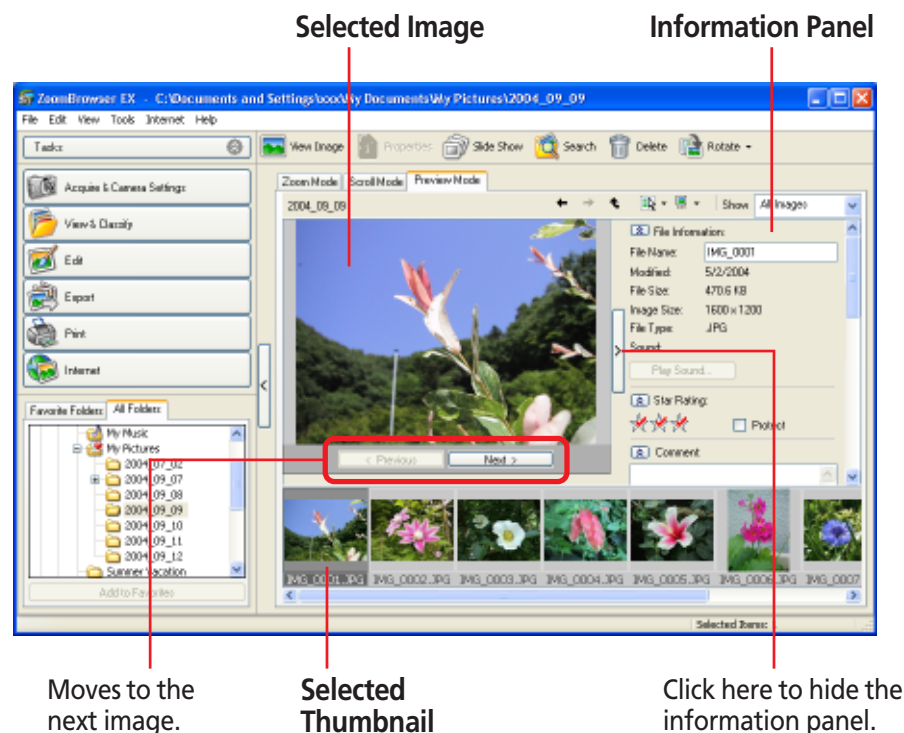


REFERENCE

- The methods for changing a folder's hierarchical level are explained in "Preferences (1/2)" in the Appendix.

Preview Mode

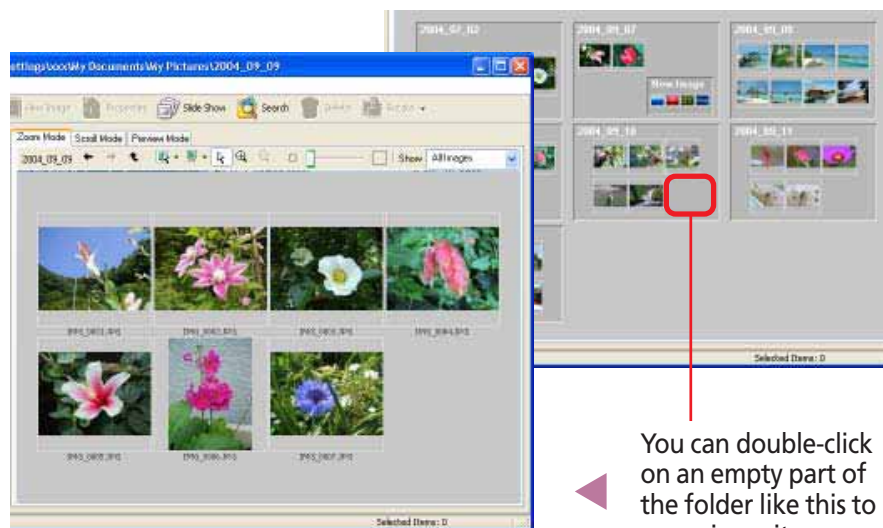
In this mode, image thumbnails (tiny versions) appear at the bottom of the Browser Area while a larger-scale image of the selected thumbnail and the information panel (which shows the image information) appear in the upper portion. You can advance to other images by clicking the Back and Next buttons.



Opening a Folder Deep in the Hierarchy

Zoom Mode

In the Browsing Area, double-click an area where there is no image inside the folder you wish to see. The contents of the folder are displayed in the Browsing Area.



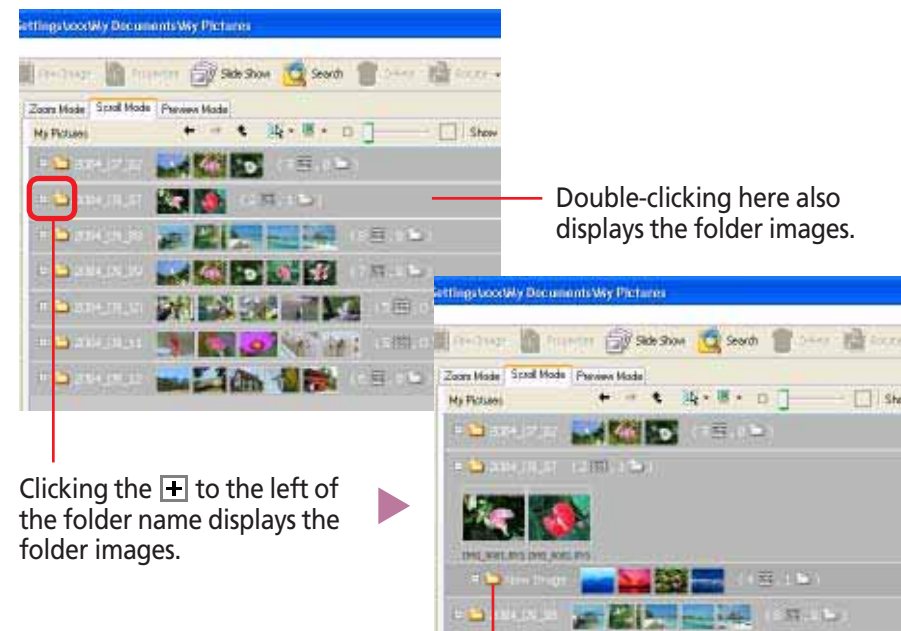
By repeating this step, you can go deeper and deeper into the folder hierarchy.


REFERENCE

- The deeper the folder level, the darker the background color used to indicate a folder frame.

Scroll Mode

If you click the  to the left of the folder icon in the Browser Area, the images and subfolders in that folder will display.



Clicking the  to the left of the folder name displays the folder images.

Lower Level Folder

By repeating this step, you can go deeper and deeper into the folder hierarchy.

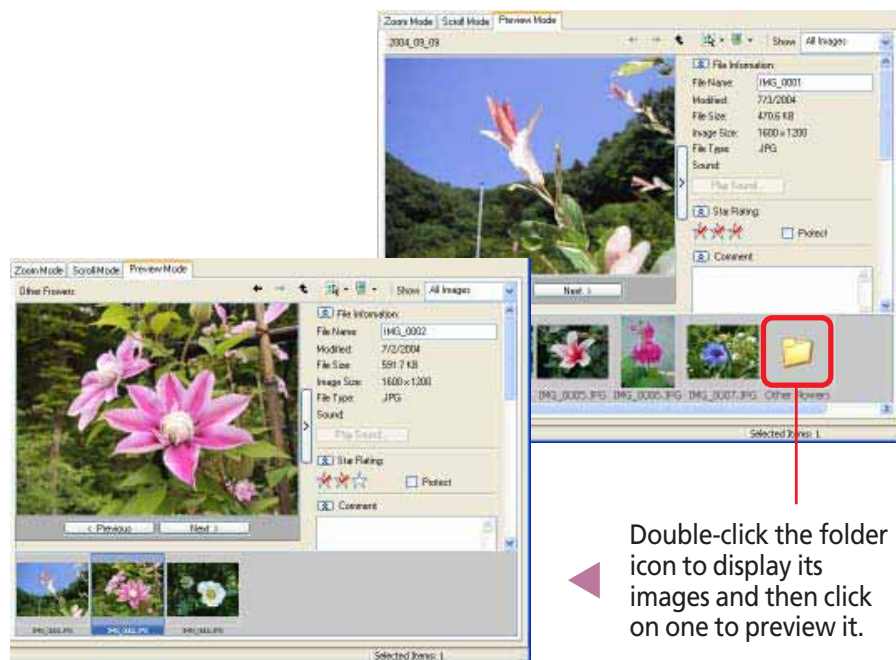
REFERENCE

- The deeper the folder level, the darker the background color used to indicate a folder frame.

Changing the Displayed Folder (2/3)


Preview Mode

At the bottom of the Browsing Area, double-click the icon of a displayed folder to open it and view its images and subfolders.

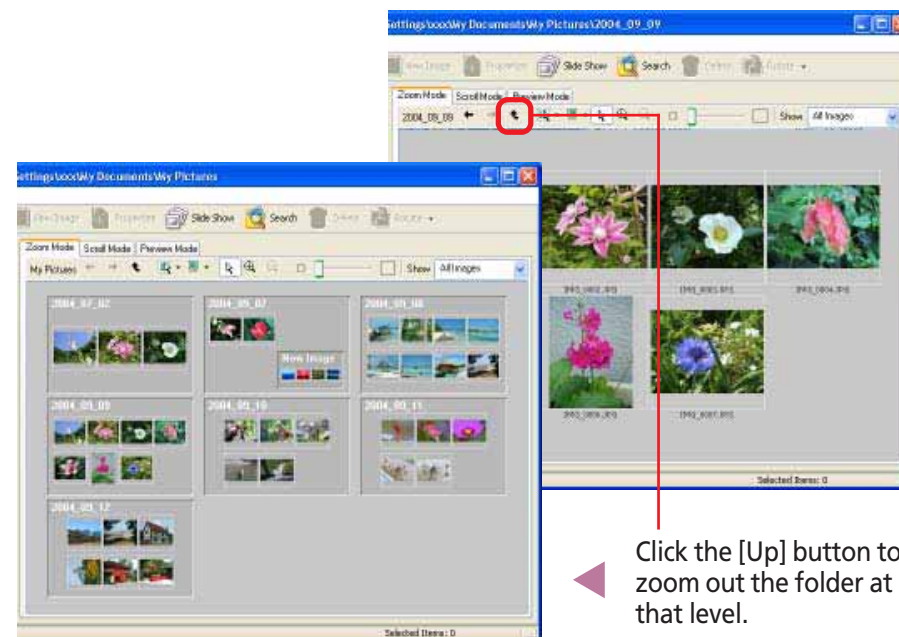


By repeating this step, you can go deeper and deeper into the folder hierarchy.




Returning to a higher level in the folder hierarchy

When you are deep in the folder hierarchy, you can use the  (Up) button to go back to a higher level.

The example below shows the zoom mode, but the procedure is the same for the other display modes.



REFERENCE

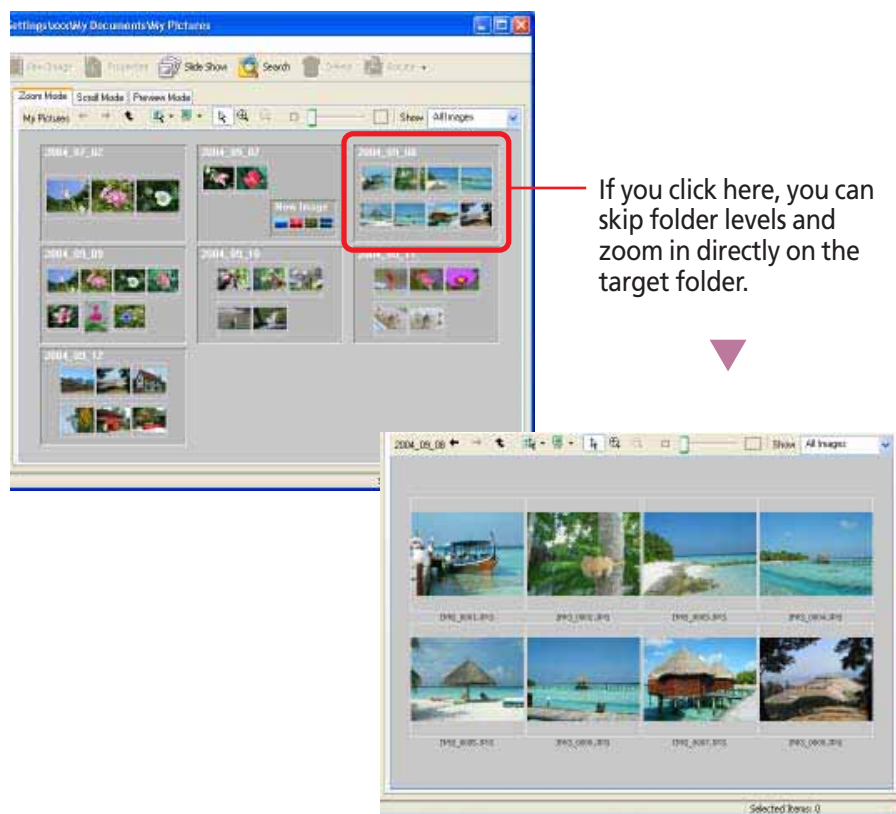
- By using the  (Back) or  (Next) button, you can move to the folder displayed immediately before, or to the folder displayed before the  (Up) button was clicked.

In Zoom mode, you can do this

There are more convenient ways to use the Zoom mode.

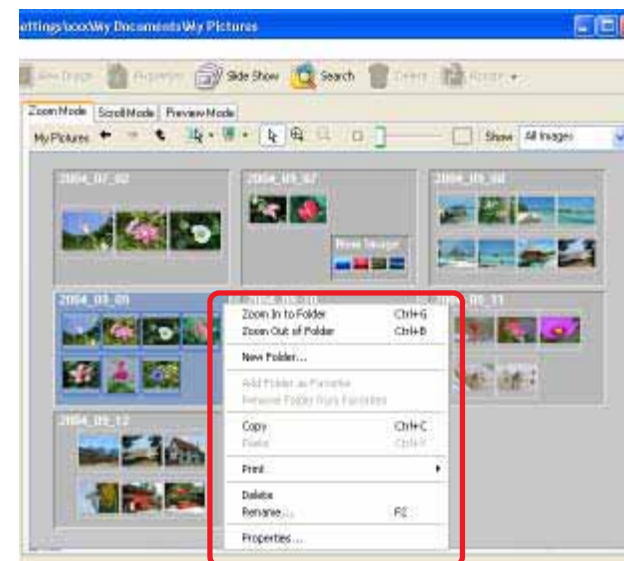
■ Zooming in by skipping levels

You can zoom in directly on a subfolder displayed in the Browsing Area without going through each successive level by double-clicking within the folder (on a point containing no images).



■ Right-Clicking to Zoom In or Out

Right-click on any clear area in the Browsing Area to display a menu like that below. You can zoom an image or folder in or out by selecting the respective [Zoom In to Folder] or [Zoom Out of Folder] option from this menu.



REFERENCE

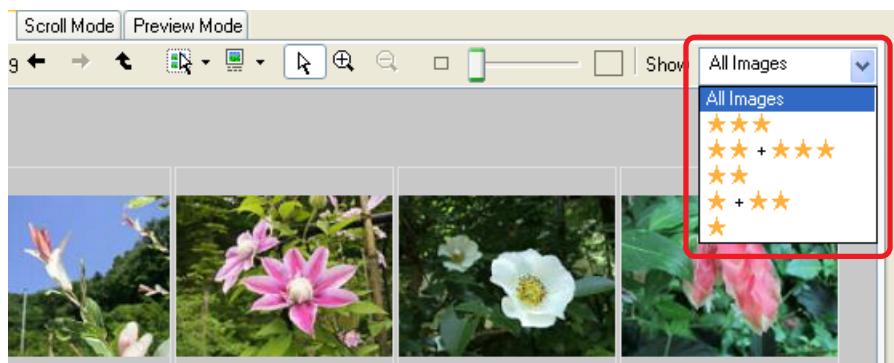
- You can get the same result by using the [View] menu. Click a folder. Then, on the [View] menu, click [Zoom In to Folder] or [Zoom Out of Folder].

This section explains the methods for filtering images assigned a special Star Rating and for displaying information other than the file name with a thumbnail.

Filtering Thumbnails by Star Ratings

The Star Rating is a three-level ranking that can be assigned to images. You can limit the images displayed in the Browser Area to only those assigned a Star Rating.

You use the Display Control Panel menu to display only star rated images.



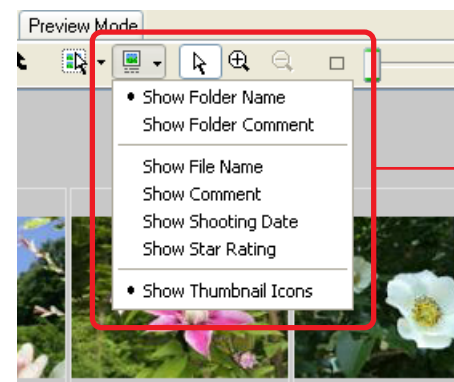
REFERENCE

- See "Setting Star Ratings" in Chapter 5 for the Star Rating settings procedures.

Setting the Information Shown with Thumbnails

You can specify the image information shown beneath thumbnails.

Click the  button in the Display Control Panel to open the submenu and place a check mark beside the information category you would like displayed.



Place a check mark beside the desired information category.

Example with a check mark placed beside the Shooting Date and Star Rating categories.



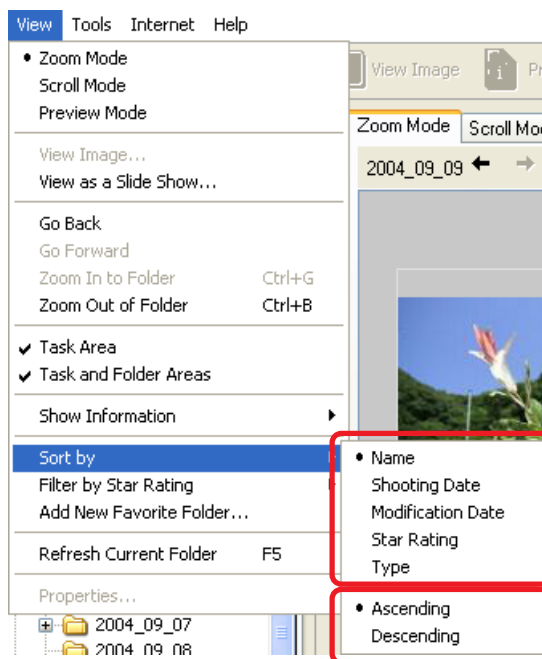
REFERENCE

- You can also specify the image information for display by clicking the [View] menu, opening the [Show Information] submenu and placing a check mark beside the desired category.

Sorting Thumbnails

You can set the criteria by which thumbnails are ordered.

Click the [View] menu, open the [Sort by] submenu and select a sorting criterion.

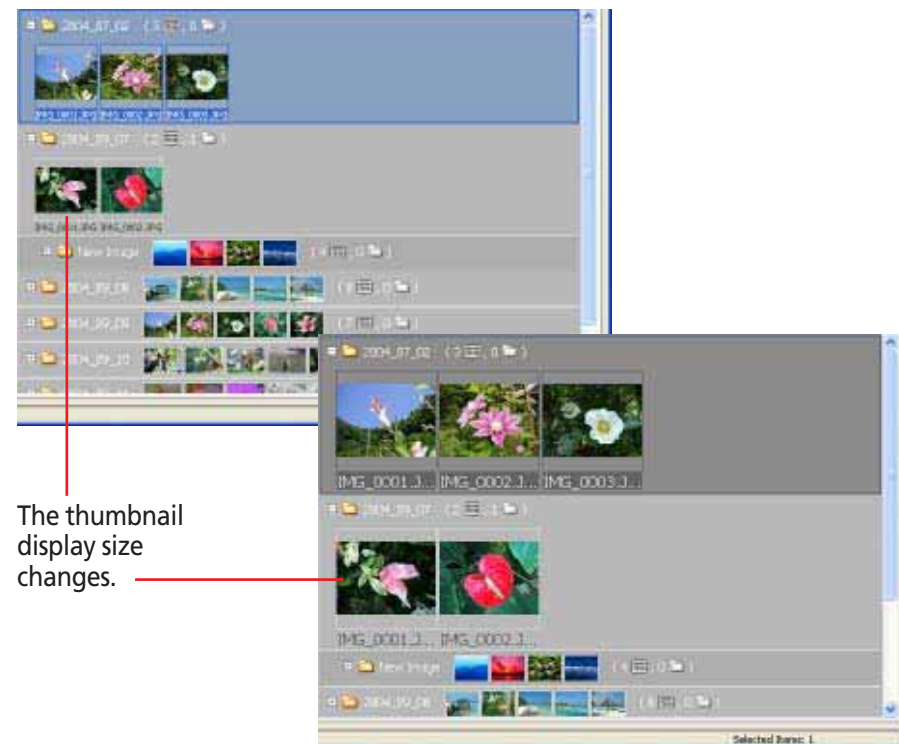


Place a check mark beside the sorting criterion.

You can also sort by ascending or descending order.

Changing the Thumbnail Display Size (Scroll Mode Only)

In the Scroll mode, you can change the thumbnail display size by moving the slider above the image either left or right.





Changing the Display Magnification (Zoom Mode Only)

■ Using the Display Size Slider

You can change the display magnification for the entire Browser Area by moving the slider above the image either left or right.

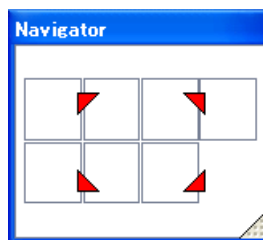


■ Using the Zoom In/Zoom Out Buttons


If you click  (Zoom In) on the Display Control Panel, the mouse pointer appears with a plus (+) symbol at its center. If you click on the Browser Area in this state, the display zooms in (magnified display), centered on the clicked area. Similarly, if you click  (Zoom Out) and perform the same actions, the display will zoom out (reduced display).

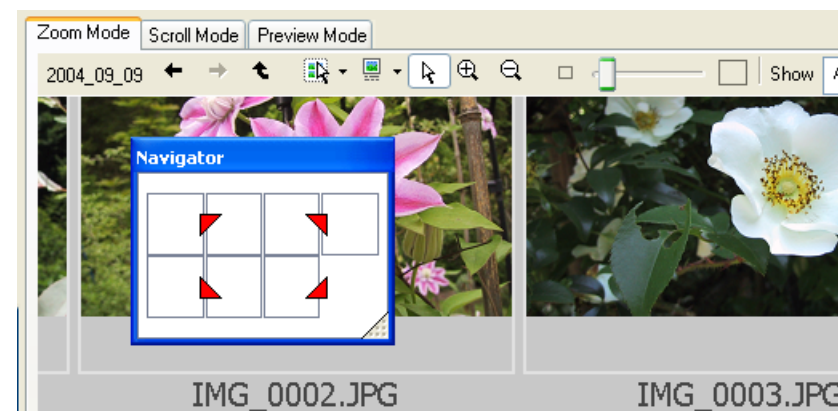
REFERENCE

- When the display magnification level is high, a Navigator window such as the one at the right appears. The area enclosed by the red marks indicates the area of the image shown in the Browser Area.



■ Changing the Display Position

You can move the display position in the Browser Area by clicking the  (Selection Tool) in the Display Control Panel and moving the red marks in the Navigator.



REFERENCE

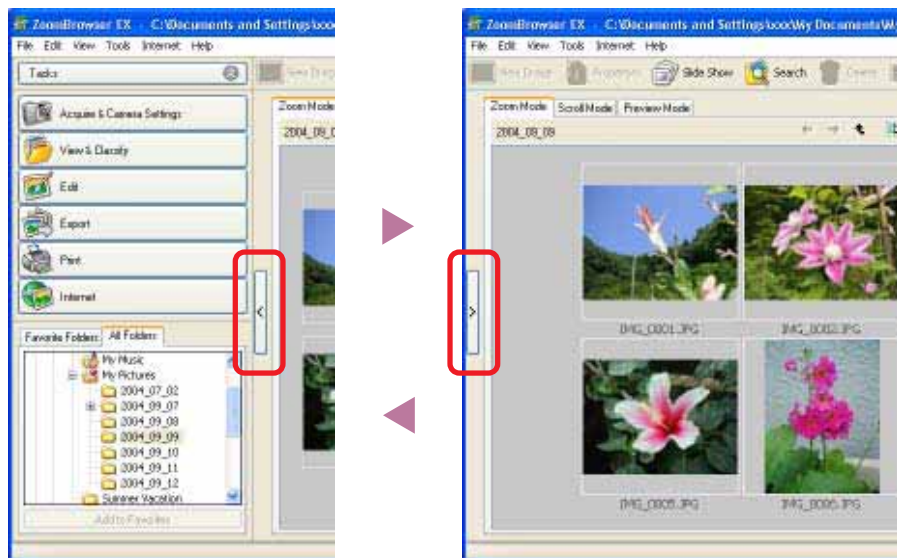
- You can change the Browser Area display magnification by clicking  (Zoom In), or  (Zoom Out) or by clicking on the Navigator.

Changing the Task Area and Folder Area Display Modes

You can hide the Task Area and Folder Area to make the Browser Area larger.

■ Hiding the Task Area and Folder Area



Clicking the [<] on the left of the Browser Area hides the Task Area and Folder Area and widens the Browser Area. To return to the original display mode, click [>].

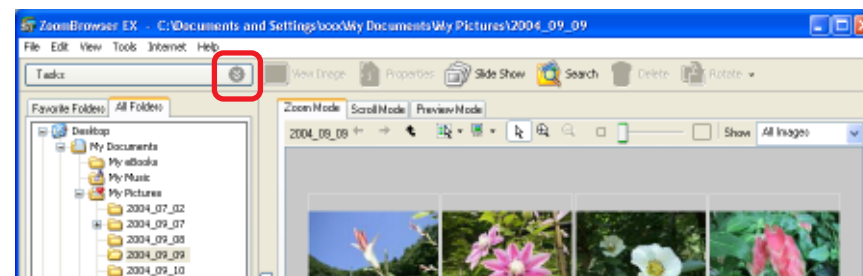
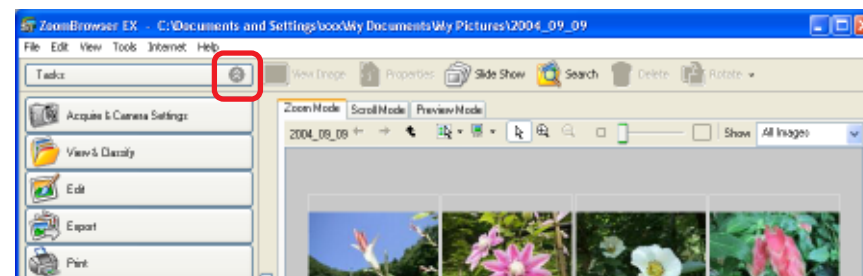


REFERENCE

- You can also hide the Task Area and Folder Area by clicking the [View] menu, selecting [Task and Folder Areas] and removing the check mark from beside the appropriate option.

■ Hiding the Task Area

Clicking the  button at the upper right of the Task Area, hides the Task Area and widens the Folder Area. To return to the original display mode, click the  button.



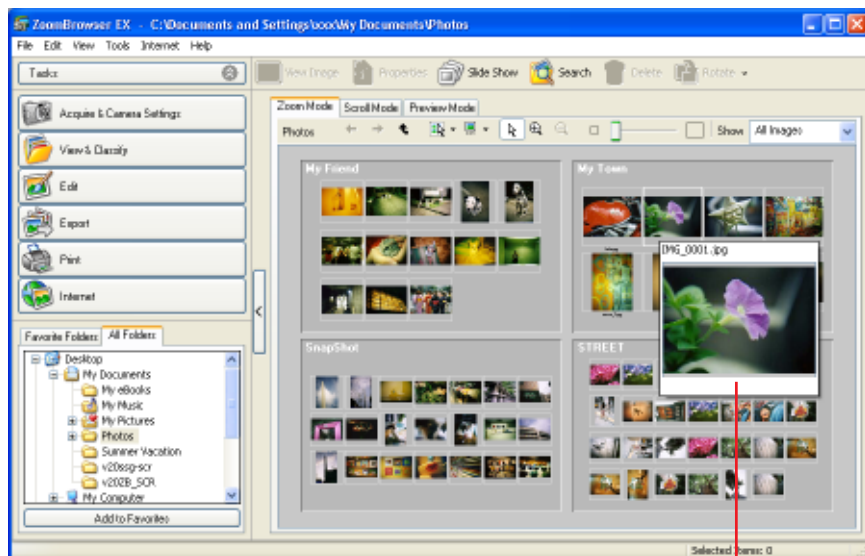
REFERENCE

- You can also change the size of the Task Area and Folder Area by dragging the separator between them.
- You can also hide the Task Area by clicking the [View] menu, selecting [Task Area] and removing the check mark before its name.

You can check images by positioning the mouse pointer over a thumbnail or folder to display a pop-up window. This is convenient for confirming that you have the right image when many thumbnails are displayed in the Browser Area.

Checking Thumbnails

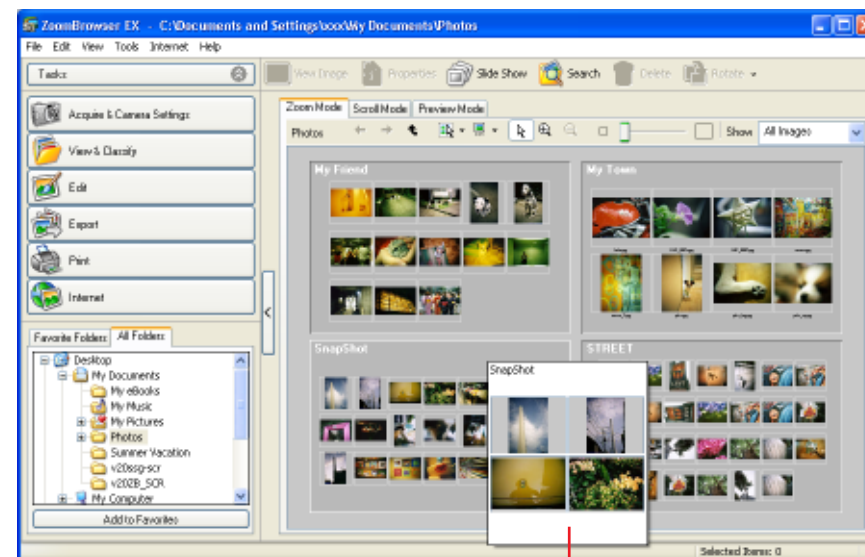
When you position the mouse pointer over a thumbnail, an enlarged thumbnail and its file name display.



Pop-Up Window

Checking Folders

When you position the mouse pointer over a folder, the thumbnails of the first four images in the folder display. The folder name also displays in the pop-up window.



Pop-Up Window

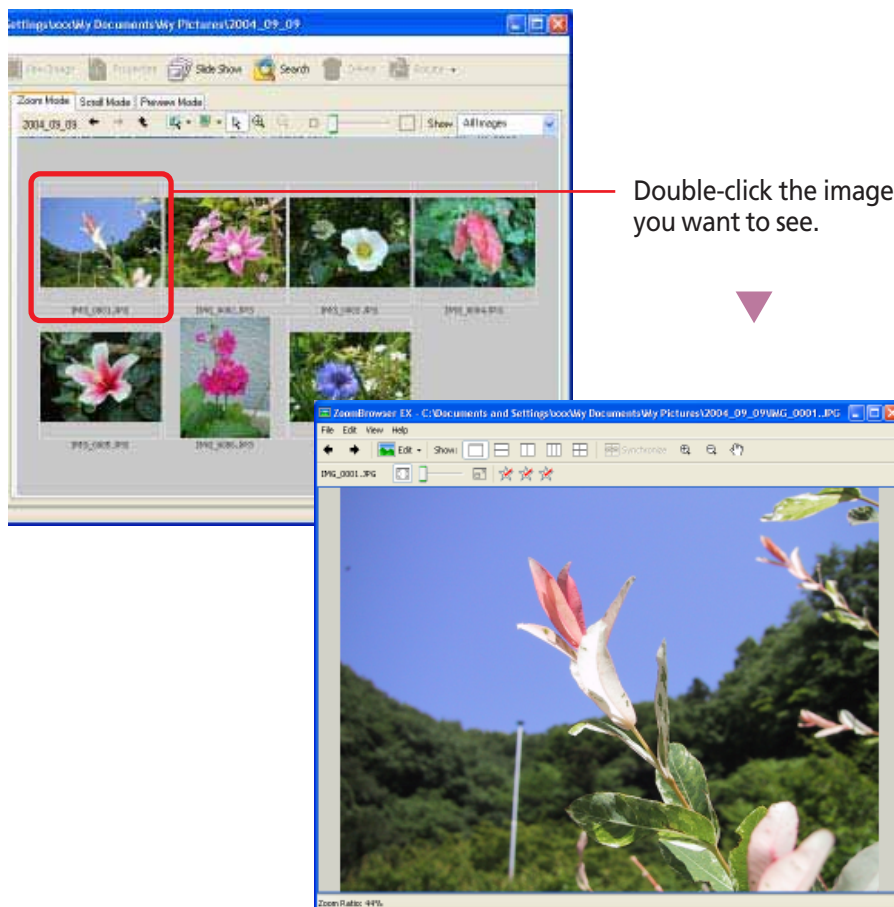
REFERENCE

- You can hide the pop-up window. See "Preferences (1/2)" in the Appendix for the settings procedure.

This procedure involves opening the Viewer Window from the Browser Area to open images.

How to open an image

In the Browsing Area, double-click the image that you want to open. The image appears in the Viewer Window.



REFERENCE

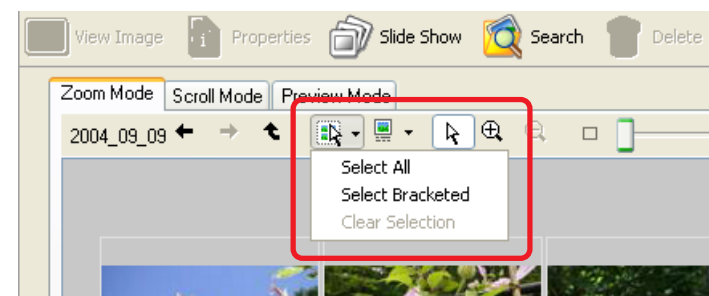
- Select an image to open in the Browser Area and then click  (View Images) or the [View] menu and select [View Image].

Opening multiple images

You can select multiple images by pressing and holding the [Ctrl] key while clicking on successive images. You can also select a series of adjacent images by pressing and holding the [Shift] key while clicking on the first and last images. Once you have selected multiple images, you can open all of them at once by clicking  (View Images).

REFERENCE

- The Display Control Panel menu is convenient to use if you intend to select all the images or deselect images.



This section explains how to use the Viewer Window.

Opening the Previous or Next Image


You can display the image ahead or behind the displayed image by clicking the Back or Next button in the Viewer Window.



REFERENCE

- If you select multiple images and display them in the Viewer Window, you can click the Back or Next button to move the selection between images. If you select one image and display it in the Viewer Window, you can switch to other images within the same folder by clicking these buttons.

Changing the Display Magnification

You can change the display magnification by moving the slider above the image either left or right. To match the display size to the Viewer Window size, click  (Window Size).



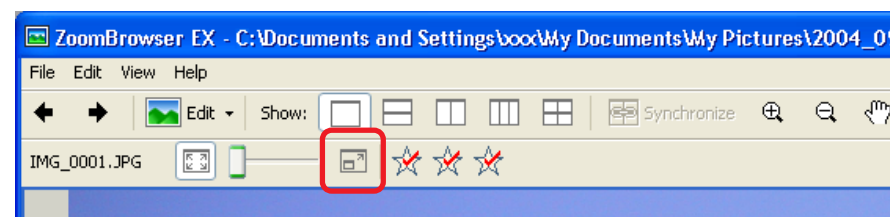
REFERENCE

- When the display magnification level is high, a Navigator window such as the one at the right appears. The area enclosed by the red marks indicates the area of the image shown in the Browser Area. You can move the display position in the Viewer Window by moving the red marks in the Navigator.



Using the Full Screen Display

You can display an image at the full screen size by clicking the [Show Image Full Screen] button in the Viewer Window. To restore the standard display, click the image or press any key on the keyboard.



REFERENCE

- You can also switch to the full screen display by double-clicking the image display area in the Viewer Window.
- In addition, you can display images using the full screen display by clicking the [View] menu and selecting [Full screen].

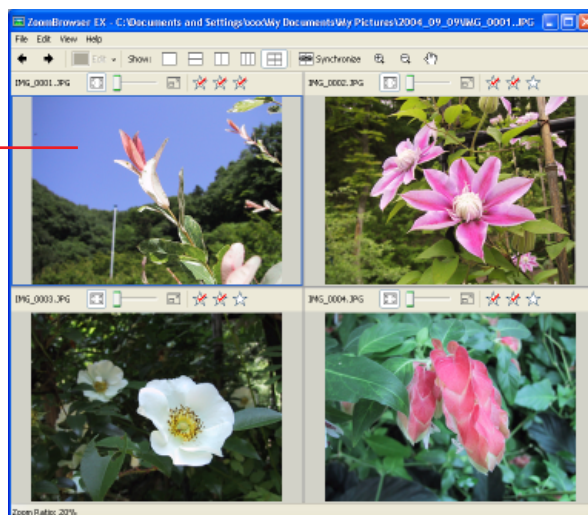
Displaying Multiple Images

You can display two to four images at once in the Viewer Window by clicking the [Split Screen] button. Click the appropriate button, shown from left to right as: 1-image display, 2-image display (vertical), 2-image display (horizontal), 3-image display and 4-image display.



Example of a 4-Image Display

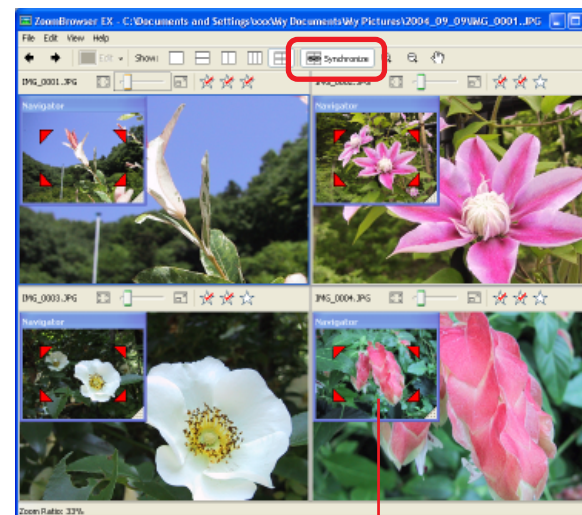
Currently selected image.



When multiple images are displayed in the Viewer Window, clicking the Back and Next buttons replaces all the images with the next set of images ahead or behind.

Synchronizing Multiple Images

When multiple images are displayed in the Viewer Window, clicking [Synchronize] sets the display magnification and position on the image to the same for all images.



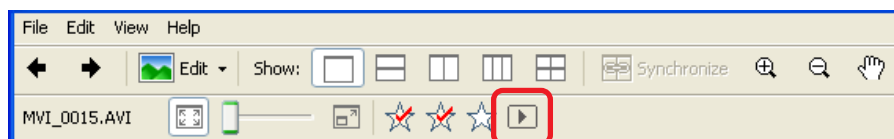
Synchronizes the display magnification and display position.

Other Features of the Viewer Window

When movies or RAW images are displayed in the Viewer Window, the Play or RAW button appears to the right of the Star Ratings.

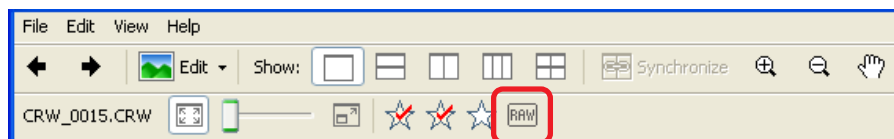
■ Playing Movies

You can play a movie by clicking the Play button. See “Playing Movies” in Chapter 6 for instructions.



■ Displaying RAW Images

When a RAW image is displayed in the Viewer Window, only the internally saved JPEG version displays at first. Click the [RAW] button, followed by [Display Original] to display a temporarily converted TIFF format file in the Viewer Window.



REFERENCE

- RAW images cannot be edited or saved in the Viewer Window. See “Converting RAW Images” in Chapter 6 regarding editing and saving RAW images.

Closing the Viewer Window

Click  to close the Viewer Window. Or click the [File] menu and select [Close Viewer].

REFERENCE

- See “Editing Images” in Chapter 6 for information on the Viewer Window’s editing function.

This chapter explains the various features in ZoomBrowser EX for managing images.

Although it is presented earlier, in this section we reintroduce the methods for selecting images in the Browser Area as one of the basic image management procedures.

Selecting a Single Image

Click on an image to select it. The background color of the selected image(s) will change to blue.




REFERENCE

- To deselect an image, press and hold the [Ctrl] key while clicking again on the selected image.

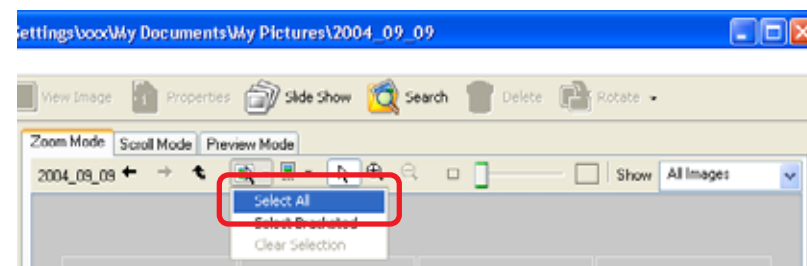
Selecting Multiple Images

You can select multiple images by pressing and holding the [Ctrl] key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [Shift] key while clicking on the first and last images.

Selecting All the Images

You can select all the images in a folder at once by clicking  (Select Images) on the Display Control Panel and selecting [Select All] from the menu.

You can also click the [Edit] menu and choose [Select All].



Deselecting All Images

Clicking  in the Display Control Panel and selecting [Clear Selection] from the menu deselects all the images. Or you can click the [Edit] menu and select [Clear Selection].

REFERENCE

- You can change the image selection method to the Toggle Selection method. See the "Selection Tab" section in "Preferences (2/2)" in the Appendix for instructions on changing the selection method.

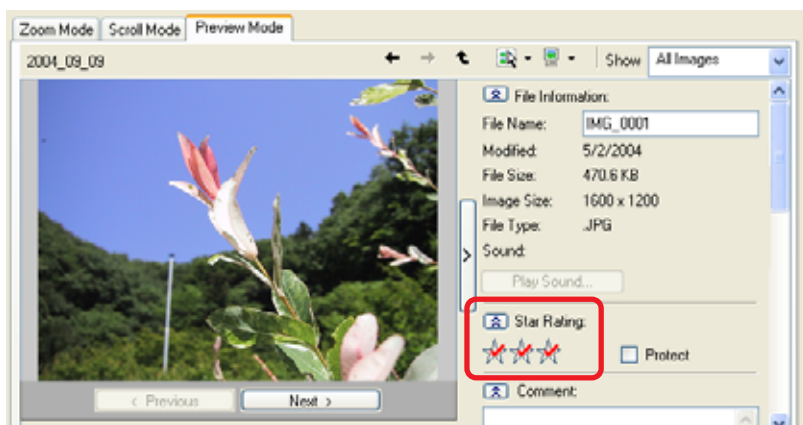
This section explains the procedures for setting Star Ratings used in image searches and to display subsets of images.

What is a Star Rating?

You can assign one of three ratings to an image. When a camera image is downloaded to the computer it is assigned a two-star ☆☆ rating.

Setting the Star Rating

To set a rating for an image, set the Browser Area to Preview mode, select the image, place a check mark beside [Star Rating] in the information panel and select a rating.



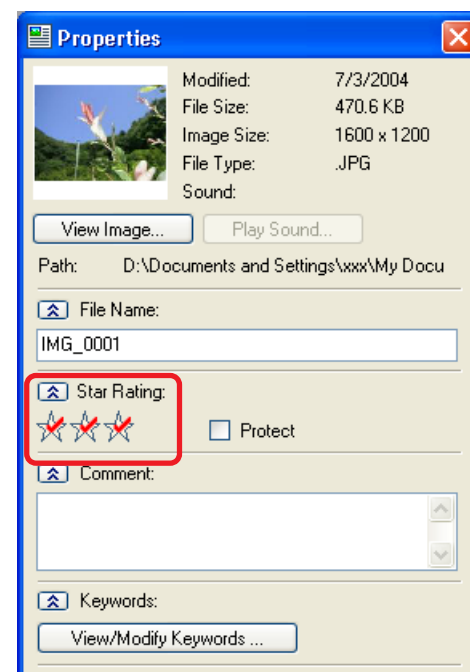
Other Settings Methods for Star Ratings

■ Menu Method

Select the image in the Browser Area, click the [Edit] menu and select [Change Star Rating] in the submenu, followed by your ratings choice.

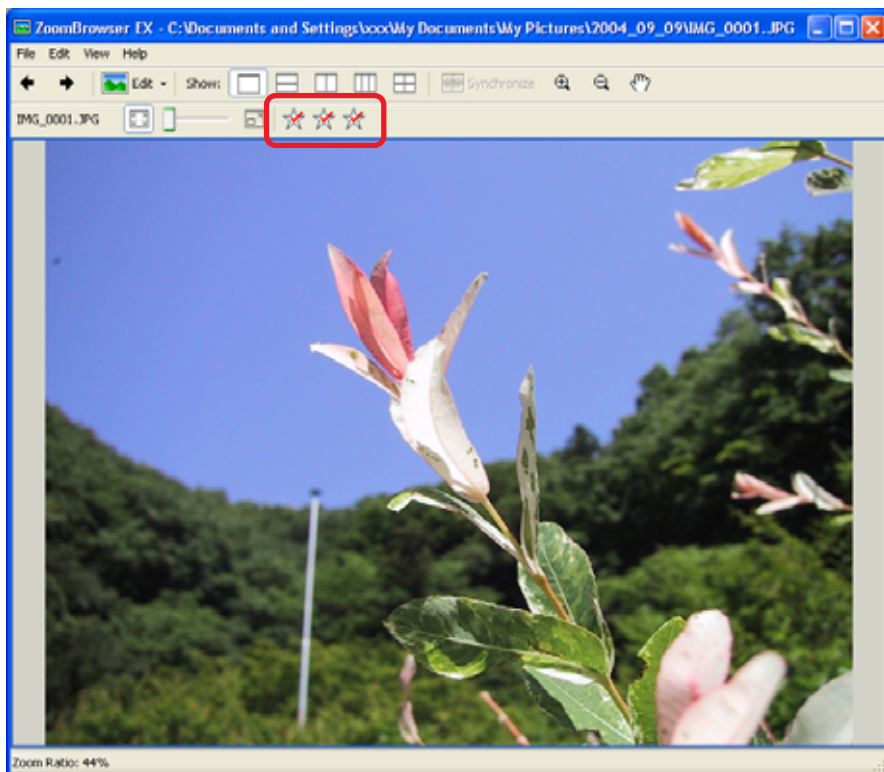
■ Properties Window Method

Select the image in the Browser Area and click  (Properties). Set the Star Rating in the Properties window that displays.



■ Viewer Window Method

Display the image in the Viewer Window and select a Star Rating.



■ Slide Show Method

While a slide show is in play, click the ★ symbol at the window's bottom right to set the Star Rating for the displayed image.



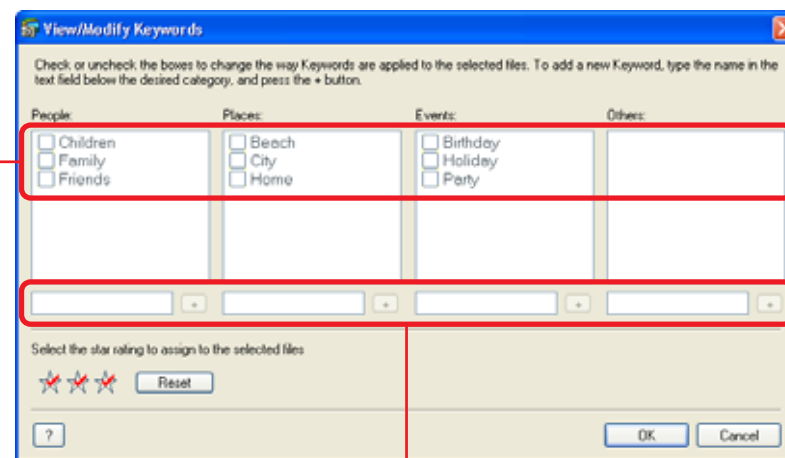
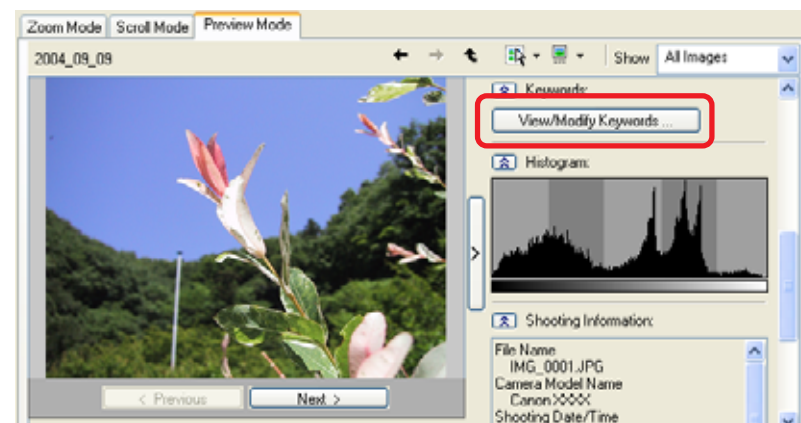
This section explains the procedures for assigning keywords to images for searches.

What is a Keyword?

A keyword is information used to perform searches on images. Select a keyword that matches the image content from the keywords in categories such as People, Places, Events or Others. For example, if you have an image from a family holiday to the ocean, you might assign keywords such as Family in the People category, or Beach in the Places category or Holiday in the Events category.

Assigning Keywords

Set the Browser Area to the Preview mode, select an image and click [View/Modify Keywords] to open the keyword settings window. Place a check mark beside appropriate words in the various categories, such as People, Places or Events, and click [OK].



Place a check mark beside appropriate keywords.


To add a new keyword, type it in the box and click [+].

Other Ways to Assign Keywords

■ Menu Method

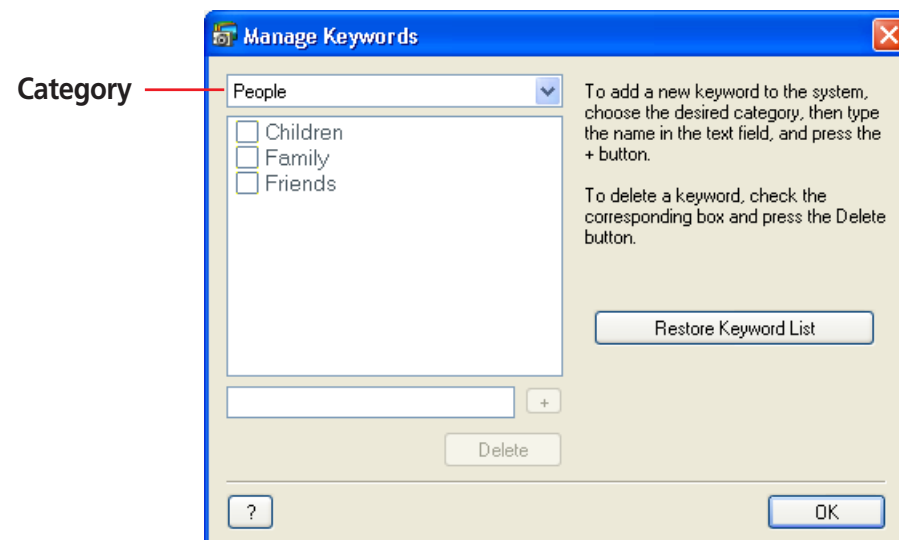
Select an image in the Browser Area, click the [Tools] menu and select [View/Modify Keywords] to display the keyword settings window.

■ Properties Window Method

Select an image in the Browser Area and click  (Properties). In the Properties window, click [View/Modify Keywords] and assign keywords.

Managing Keywords

A window similar to the following one will display if you click the [Tools] menu and select [Manage Keywords].



You can use the following features in this window.

■ Add Keywords

Select a category from the list box, type a new keyword into the text box at the bottom of the list and click [+].

■ Delete Keywords

Select a category from the list box, place a check mark beside the keyword and click [Delete].

■ Restore Keyword List

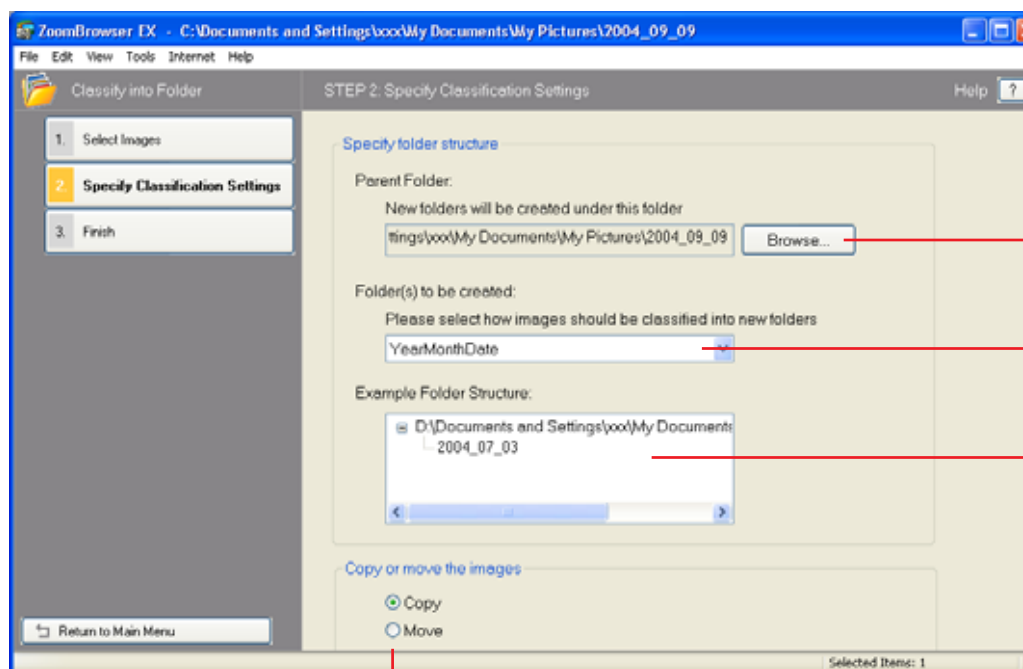
This function restores the keyword list based on the keywords assigned to images. This is convenient if you deleted a keyword that was used in the past.

Classifying Images

You can classify selected images into folders by the shooting dates.

1. Click [View & Classify] in the Main Window, followed by [Classify into Folder].
2. Click [1. Select Images] and select the images to classify in the Browser Area.

3. Click [2. Specify Classification Settings] and set the classification method.
4. Click [3. Finish].
The program will start classifying the images.



Select the destination folder.

Select the classification format.

Sample of an actual folder name that will be created.

Select [Copy] to retain the original file or [Move] to shift it to the new location.

This section explains the procedures for changing an image name (image file name).

IMPORTANT

Renaming an image in ZoomBrowser EX renames the actual file on your PC.

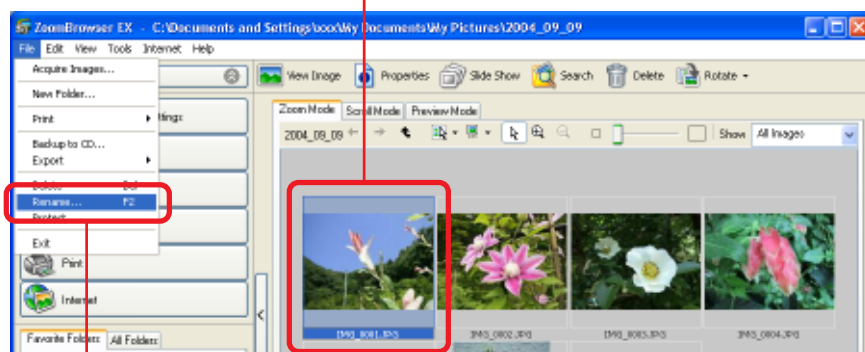
REFERENCE

- Because an extension (indicating the type of the file) is automatically assigned, do not include an extension in the name. (In the file named [xxx.JPG], for example, the [.JPG] portion is called the file name extension.)

Using the Rename Function

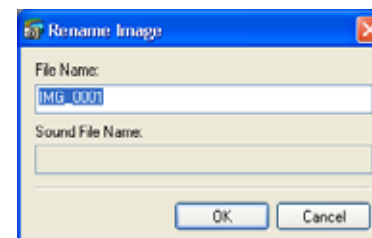
Select an image, click the [File] menu and select [Rename]. The Rename Image dialog box appears.

① Click an image to rename.



② Click [Rename].

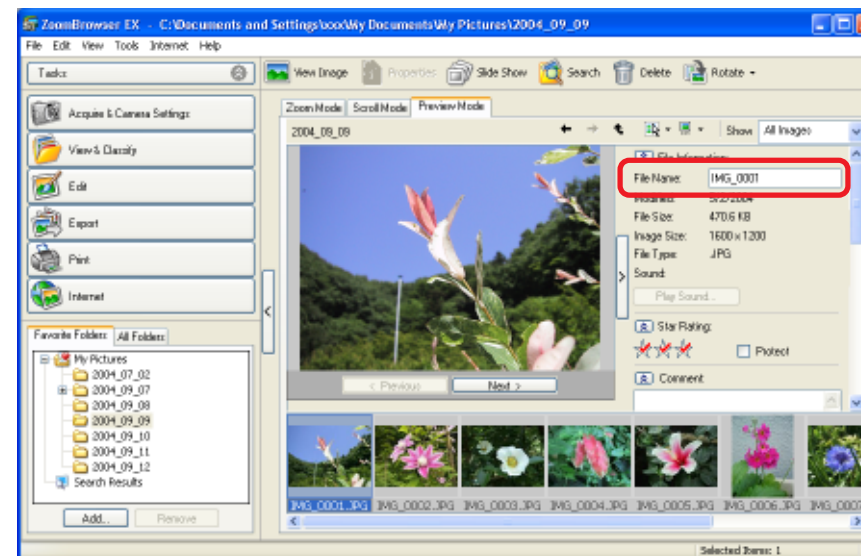
A dialog similar to that below will appear.



Type a new name and click [OK] to change the image name. You can also rename a sound that is attached to an image.

Using the Preview Mode

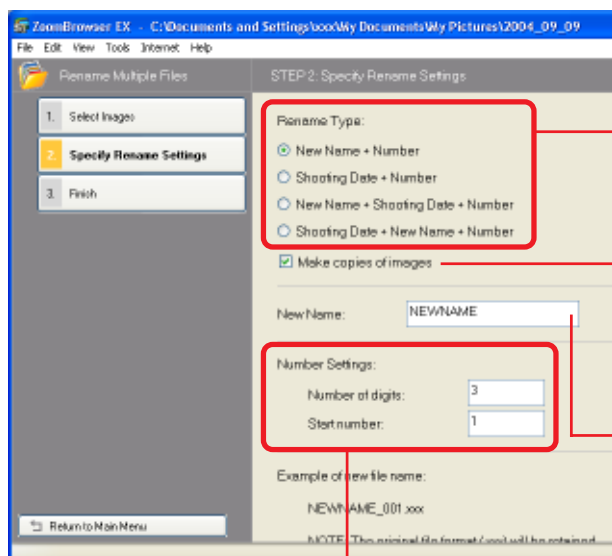
If you select an image in the Browser Area in Preview mode, you can also change its name in the information panel.



Changing Multiple Image File Names

You can rename multiple image files at once.

1. Click [View & Classify] in the Main Window, followed by [Rename Multiple Files].
2. Click [1. Select Images] and select multiple images in the Browser Area for renaming.
3. Click [2. Specify Rename Settings] and set the renaming method.



Select a name format.

Place a check mark here if you wish a file with the new name to be created separately from the original file.

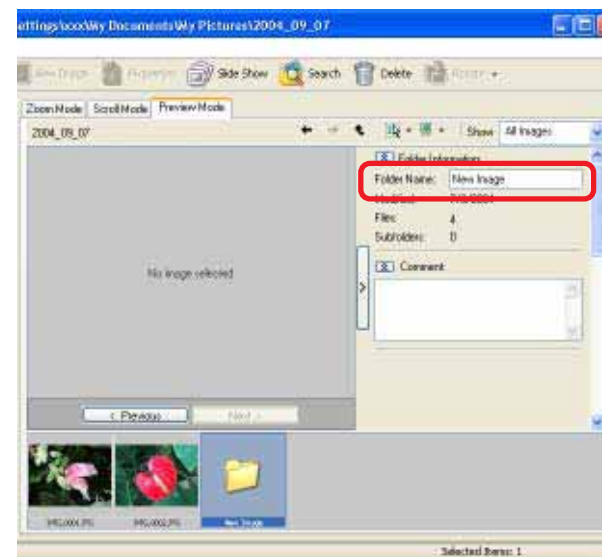
Type the text in the "new name" spot for the format above.

Set the number of digits and the starting number for the number portion of the format selected above.

4. Click [3. Finish].
The program will start renaming the images.

Renaming Folders

To rename a folder, select the folder, click the [File] menu and select [Rename]. Or if you select a folder in the Browser Area in Preview mode, you can also change its name in the information panel.



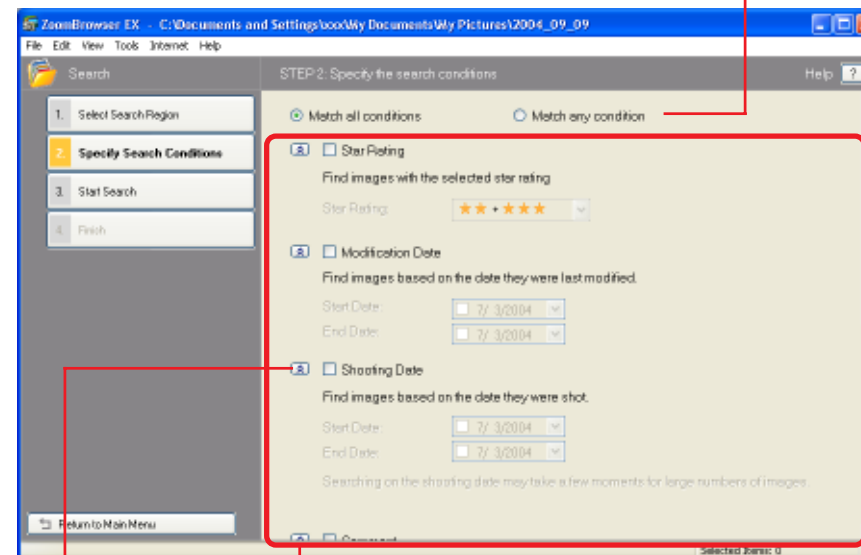
You can search images using such criteria as Star Ratings, revision dates, shooting dates, comments or keywords.

REFERENCE

- For information about Star Rating settings, see “Setting Star Ratings” and for information about keyword settings, see “Assigning Keywords” in this chapter.

1. Click [View & Classify] in the Main Window, followed by [Search].
2. Click [1. Select Search Region] and select a folder in the Browser Area.
To search all images and folders in the Browser Area, click in the Display Control Panel and select [Select All] from the menu.
3. Click [2. Specify Search Conditions] and set the conditions.

Sets whether images are searched according to all the parameters or just one.



Set the search parameters here.
First, place a check mark in the parameter you wish to use.
Next, if you selected the modification or shooting date, set the date range.
If you selected Star Rating, select a rank.
If you selected the keyword option, select the keywords.

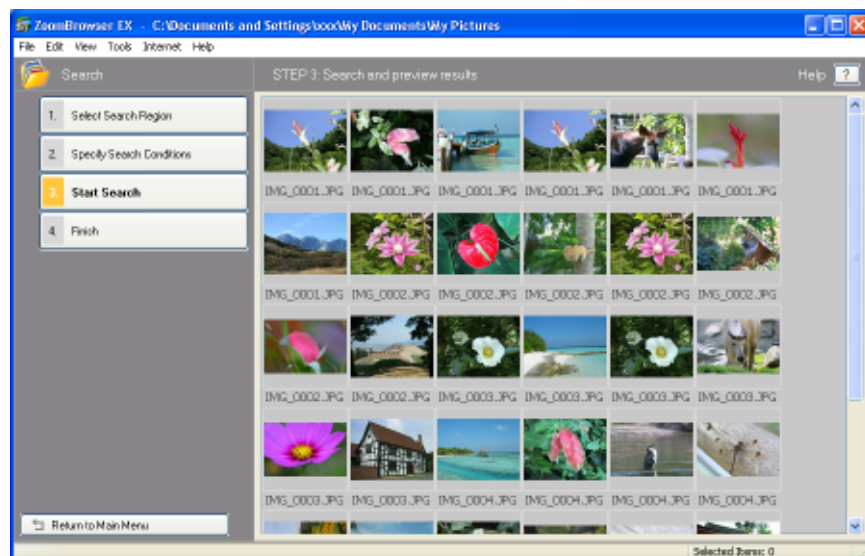
Clicking here allows you to hide the search parameters.

4. Click [3. Start Search] after you have set the parameters.

A set of images corresponding to the search parameters will display.

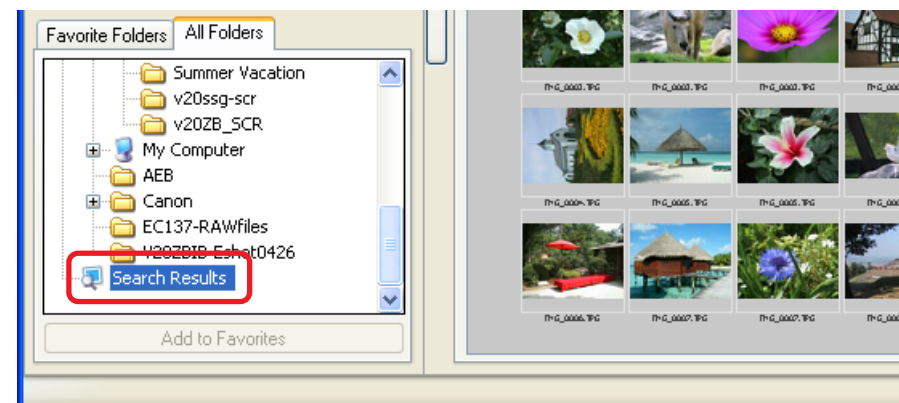
5. Confirm the search results and click [4. Finish].

If you wish to modify the search parameters, repeat steps 3–4.




This concludes the search process.

Images satisfying the search parameters will display in the folder named “Search Results” in the Main Window. You can select and print these images, or copy them to other folders. These images will remain registered in the Search Results folder until you close ZoomBrowser EX or perform another search.



REFERENCE

- You can also perform a search by clicking the  (Search) function button or the [Tools] menu and selecting [Search].

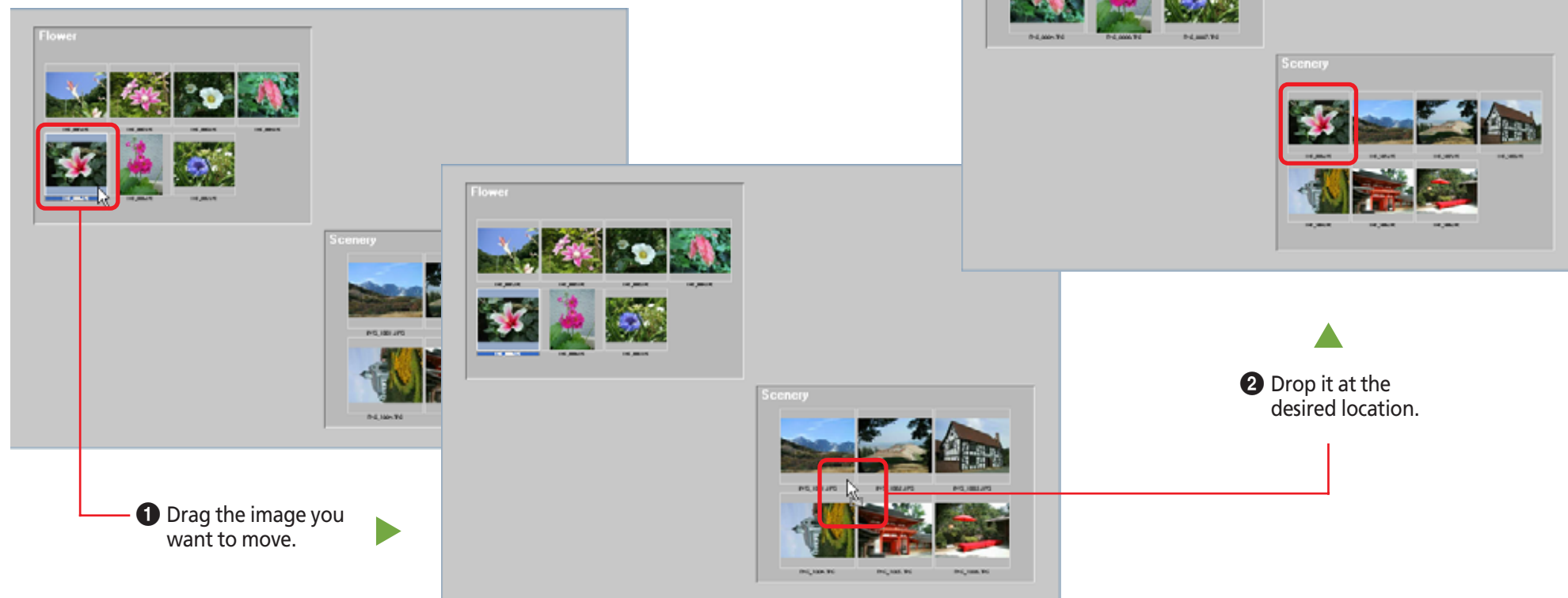
This section explains how to move or copy images between folders. It is convenient to conduct these procedures in the zoom mode.

REFERENCE

- Moving or copying images in ZoomBrowser EX affects the actual location in which those images are stored on your PC.

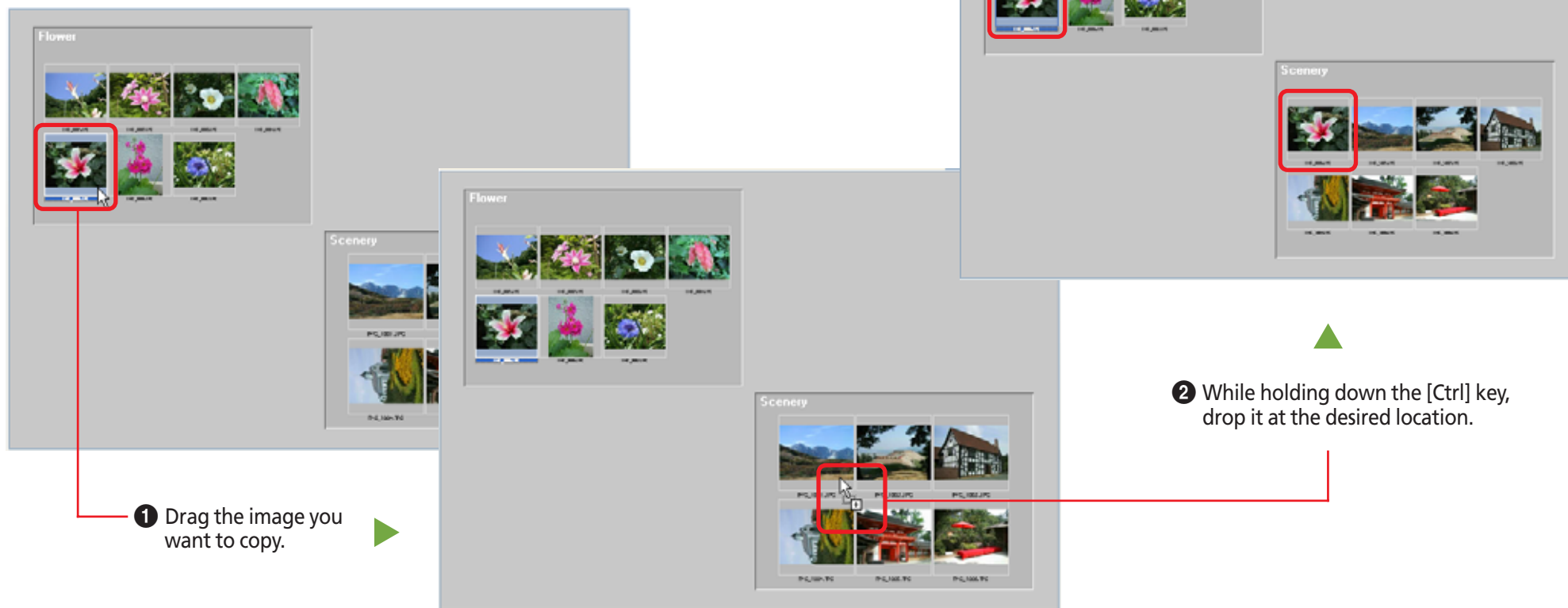
Moving an image in the Browsing Area

You can move an image in the Browsing Area simply by using a drag-and-drop operation.



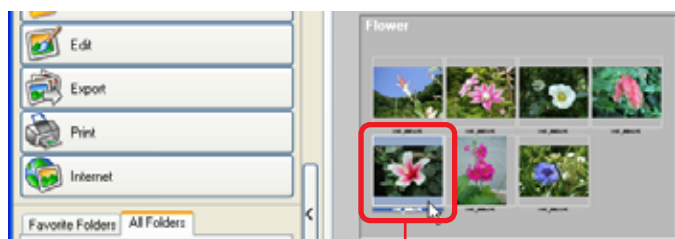
Copying an image within the Browsing Area

To copy an image, before you drop the image you are dragging, press and hold the [Ctrl] key and release the mouse button, while still holding the key.

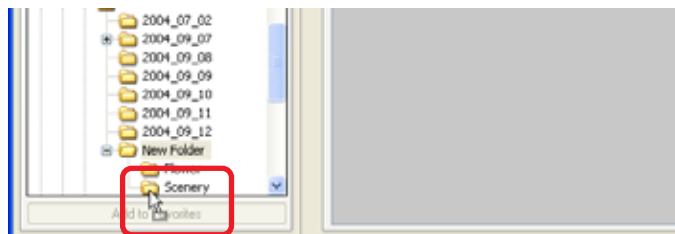


Moving or Copying an Image from the Browsing Area to the Folder Area

You can move or copy images between different folders by dragging them from the Browsing Area to the Folder Area and dropping them in the target folder.



1 Drag the image you wish to move.



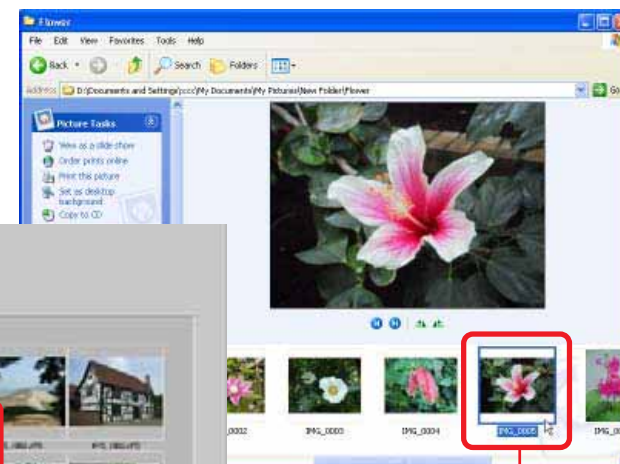
2 Drop it in the target folder.

REFERENCE

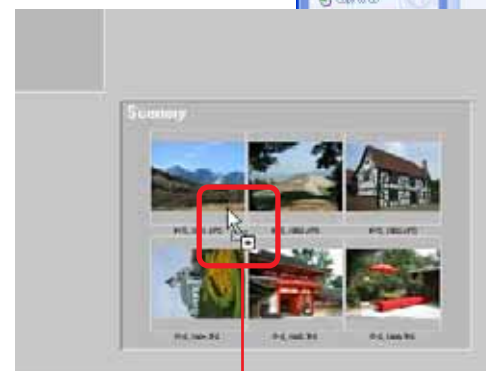
- To copy an image from the image folder you are in at the moment to a different image folder, proceed the same way. Hold down the [Ctrl] key before dropping the image and release the mouse button while holding the key over the target library.

Copying by Dragging a File Icon from a Windows Window

You can also copy an image by dragging its file icon from an open Windows window and dropping it onto the ZoomBrowser EX window.



1 Drag the image you wish to move.



2 Drop it in the target folder.

REFERENCE

- On the other hand, when you drag an image from the Browsing Area of ZoomBrowser EX to Windows Explorer, the image is also automatically copied.

Additional ways of moving or copying images

■ Moving or copying many images at once

You can select multiple images by pressing and holding the [Ctrl] key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [Shift] key while clicking on the first and last images.

Once the images are selected, you can move or copy them all together with standard drag and drop procedures.

■ Moving or copying a complete folder


In addition to moving or copying individual images, you can move or copy an entire folder. In the Zoom display mode, select the folder by clicking inside it where there are no images. Then move the folder by dragging and dropping it, or copy the folder by first pressing down and holding the Ctrl key, and then dragging and dropping the folder.

See “Changing the Display Mode” and “Selecting Folders” in Chapter 4 for information about display modes and folder selection.

■ Copying from the menu


Select one or more images, click the [Edit] menu and select [Copy]. Next, select the target folder in the Folder Area, click the [Edit] menu and select [Paste]. (This operation is not available with Windows 98 SE.)

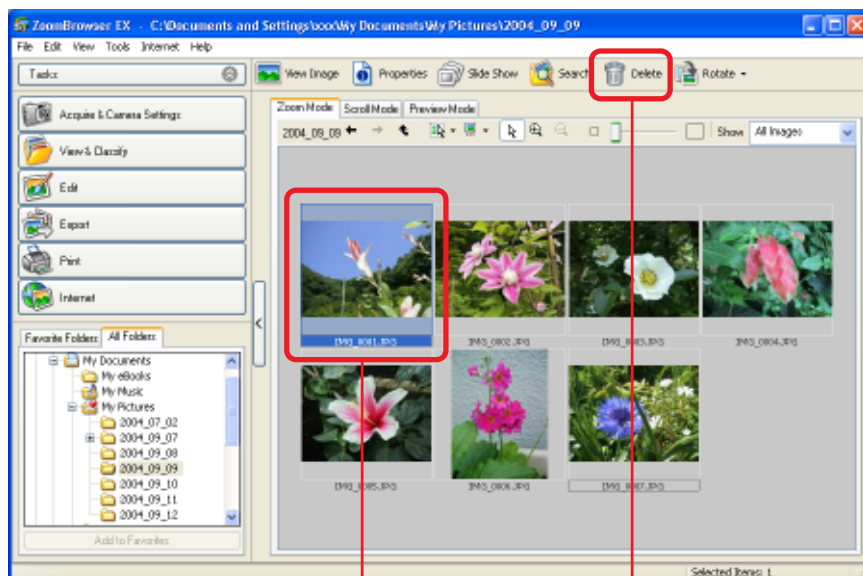
REFERENCE

- You can select all the folders and images presently displayed in the Browser Area by clicking  in the Display Control Panel and selecting [Select All] from the menu or by clicking the [Edit] menu and selecting [Select All].

This section explains how to delete images and folders you no longer need.

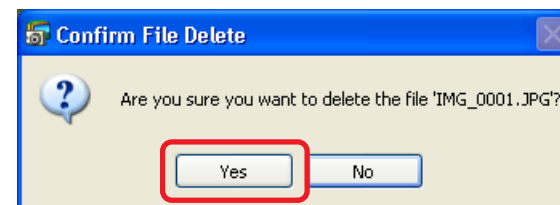
How to delete an image

Select an image in the Browser Area to delete and click  (Delete).



1 Click an image. 2 Click [Delete].

Click [Yes] when a confirmation dialog like the one below appears.




REFERENCE

- If you accidentally delete a required image, double-click the [Recycle Bin] icon on the Windows desktop to open it. Select the image and, in the Recycle Bin Tasks section, click [Restore]. (With Windows 2000/Windows Me/Windows 98 SE in web page view mode, select the image and then click [Restore this item back to its original location] at the left side of the window.) When you switch back to ZoomBrowser EX and click the [View] menu and select [Refresh Current Folder], the image will reappear in its original location.

Other ways of deleting images

■ Deleting multiple images

You can select multiple images by pressing and holding the [Ctrl] key and clicking on successive images or by pressing and holding the [Shift] key while clicking on images. You can delete multiple images at once by selecting them and clicking  (Delete).


■ Deleting images from the File menu

Click an image. Then, click [Delete] on the [File] menu to delete the image.

REFERENCE

- To completely delete images from the computer after completing the procedures above, double-click the [Recycle Bin] on the Windows desktop to open it and, in the Recycle Bin Task section, click [Empty Recycle Bin].
(With Windows 2000/Windows Me/Windows 98 SE in web page view mode, click [Empty Recycle Bin] at the left side of the window.)

Deleting Folders

Select the folder in the Browser Area and click  (Delete). You can also delete a folder by selecting it, clicking the [File] menu and selecting [Delete].

IMPORTANT


- All of the actual images and subfolders in a folder are deleted from the computer in this procedure.

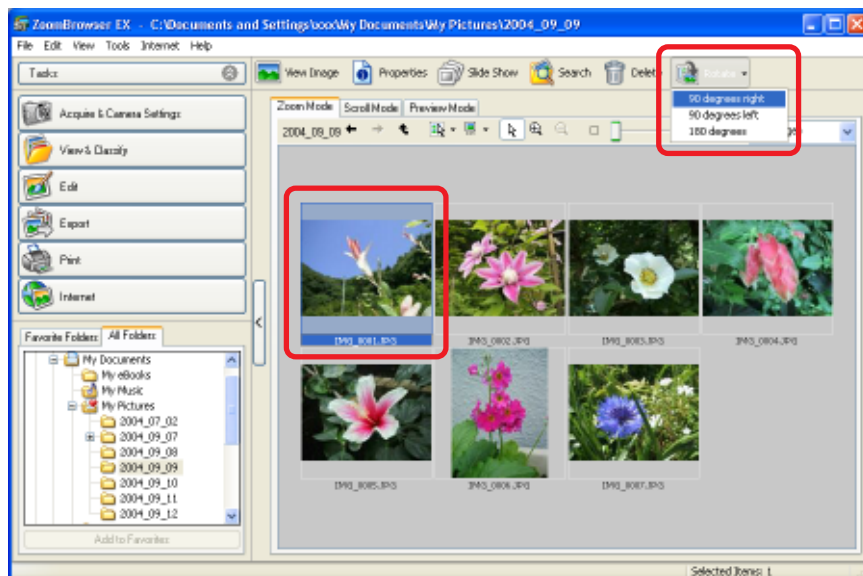
This section explains how to rotate images to the desired orientation. This is useful for images taken by holding the camera sideways.

IMPORTANT

- By the default setting, rotating an image in ZoomBrowser EX changes (rotates) the image in the file on your PC.

How to rotate an image

Select an image and click  (Rotate). Select a direction in the next menu.



REFERENCE

- 90-degrees right is a clockwise rotation and 90-degrees left is a counterclockwise rotation.
- There are two methods for rotating images. With the default setting, the original image is rotated.
- To set the rotation settings, refer to *Rotate Tab* of the *Customizing Preferences (3/3)* section.

Other ways of rotating images

■ Rotating multiple images



You can select multiple images by pressing and holding the [Ctrl] key and clicking on successive images or by pressing and holding the [Shift] key while clicking on images. You can rotate multiple images at once by selecting them and carrying out the rotation procedure.

■ Using the Menu to Rotate Images

You can also rotate images by selecting the image, clicking the [Edit] menu and selecting [Rotate Image] from the submenu and a direction of rotation.

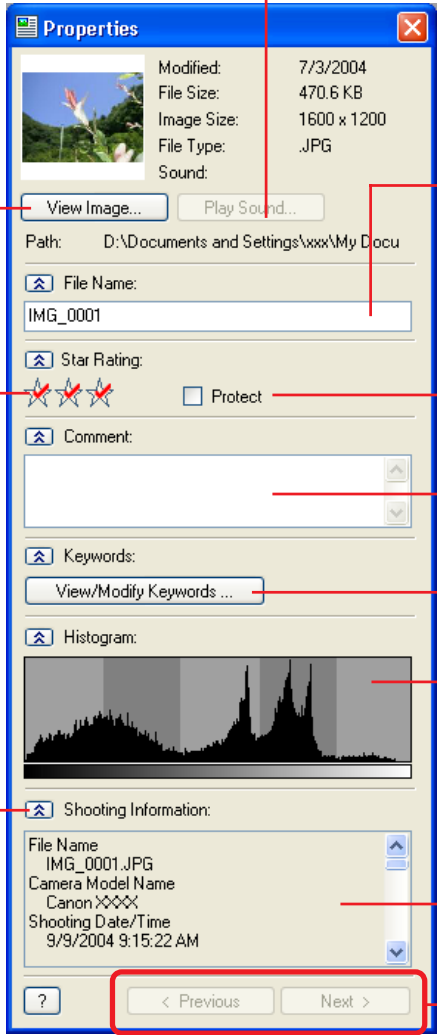
This procedure is for viewing various types of information about the selected image.

Viewing Information in the Properties Window

Select an image in the Browser Area and click  (Properties) to display the Properties window. You can view various types of information in this window, such as the image revision date and file size, shooting date and time and camera shooting settings. In addition, you can change the file name, set Star Ratings and keywords, and type comments. To close the Properties window, click the  (Closebox).

REFERENCE

- Images shot with the camera and then processed and saved by another editing program may lose the shooting information.
- If you select multiple images and display the Properties window, clicking [Back] and [Next] switches between the Properties windows for the images in the selection.
- You can also view the image information by selecting an image, clicking the [View] menu and selecting [Properties].



The screenshot shows the 'Properties' window for an image. It contains various tabs and sections. Annotations with red lines point to specific features:

- Displays the Viewer Window.** Points to the 'View Image...' button.
- You can play a sound if one is attached to an image.** Points to the 'Play Sound...' button.
- You can rename the file.** Points to the 'File Name' text box containing 'IMG_0001'.
- Place a check mark here to prevent images from being overwritten or deleted.** Points to the 'Protect' checkbox.
- Sets Star Ratings.** Points to the star rating icons (three stars are checked).
- Type a comment.** Points to the 'Comment' text area.
- Assigns keywords.** Points to the 'Keywords' section, specifically the 'View/Modify Keywords...' button.
- Histogram** Points to the histogram display.
- The information displayed here will vary according to your camera model and the settings used at the time of shooting.** Points to the 'Shooting Information' section.
- You can display the image ahead or behind of the displayed image.** Points to the '< Previous' and 'Next >' buttons.
- Click here to show or hide more categories.** Points to the question mark icon at the bottom left.

Viewing Information in the Preview Mode

If you set the display mode to the Preview mode and select an image, you can view the information for that image. You can view various types of information about the image in this window, including the revision date or file size, shooting date and time, and the camera shooting settings. In addition, you can change the file name, set Star Ratings and keywords, and type comments.

The image displays two screenshots of the ZoomBrowser EX software interface in Preview Mode. The top screenshot shows the 'File Information' panel on the right, which includes fields for File Name, Modified date, File Size, Image Size, File Type, and Sound. Below this is a 'Star Rating' section with five stars and a 'Protect' checkbox. The bottom screenshot shows the 'Keyword' section with a 'View/Modify Keywords...' button, a 'Histogram' graph, and a 'Shooting Information' panel with fields for File Name, Camera Model Name, and Shooting Date/Time. Red lines and text boxes provide annotations for various features.

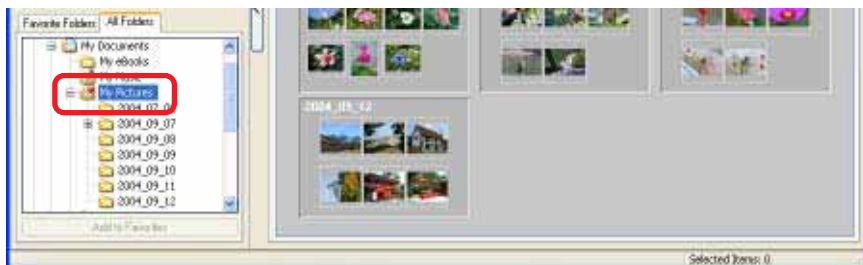
- Sets Star Ratings.
- You can rename the file.
- You can play a sound if one is attached to an image.
- Place a check mark here to prevent images from being overwritten or deleted.
- Type a comment.
- Assign a keyword.
- Histogram
- The information displayed here will vary according to your camera model and the settings used at the time of shooting.
- Click here to show or hide more categories.
- You can display the image ahead or behind of the displayed image.

This section explains how to create a new folder within an existing one.

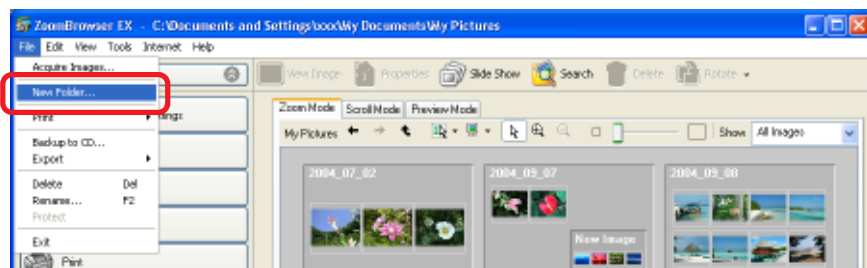
Creating Folders

1. Select a folder in the Folder Area.

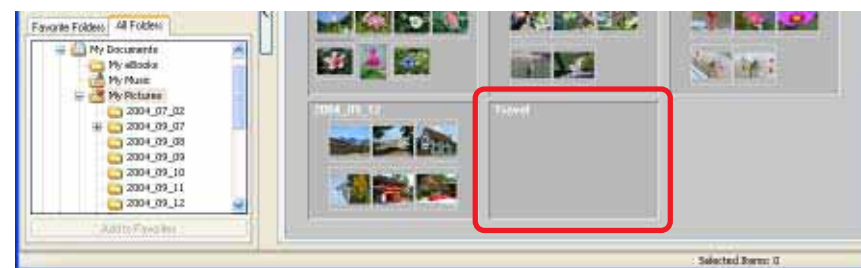
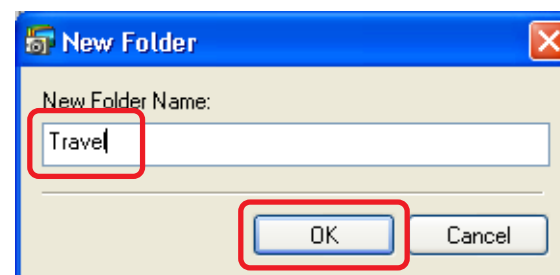
You will be creating a new folder within the folder selected here.



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



3. Type a name for the new folder and click [OK]. You have created a new folder.



REFERENCE

- See "Renaming Images (2/2)" for the procedures for changing folder names.
- See "Deleting Images (2/2)" for the procedures for deleting folders.

This section explains how to refresh or update a folder.

What Does It Mean to Refresh a Folder

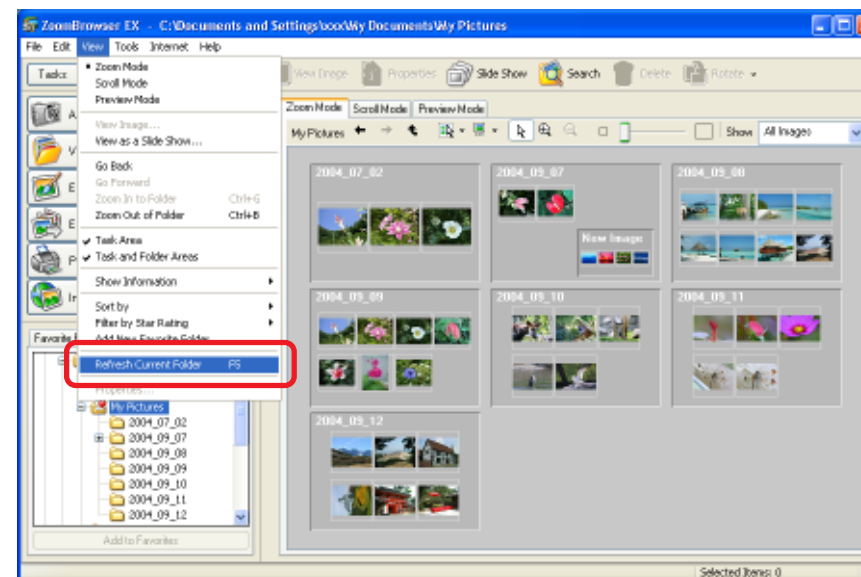
Adding, moving, copying or editing an image or a folder within ZoomBrowser EX ensures that it is updated and appears correctly in the Browsing Area.

However, the information ZoomBrowser EX possesses and the actual file contents can be different when an image file is moved or copied using Windows functions or edited with a separate program.

In this case, the “current state of the folders” has to be checked and updated. This is what is meant by refreshing a folder.

Refreshing Folders

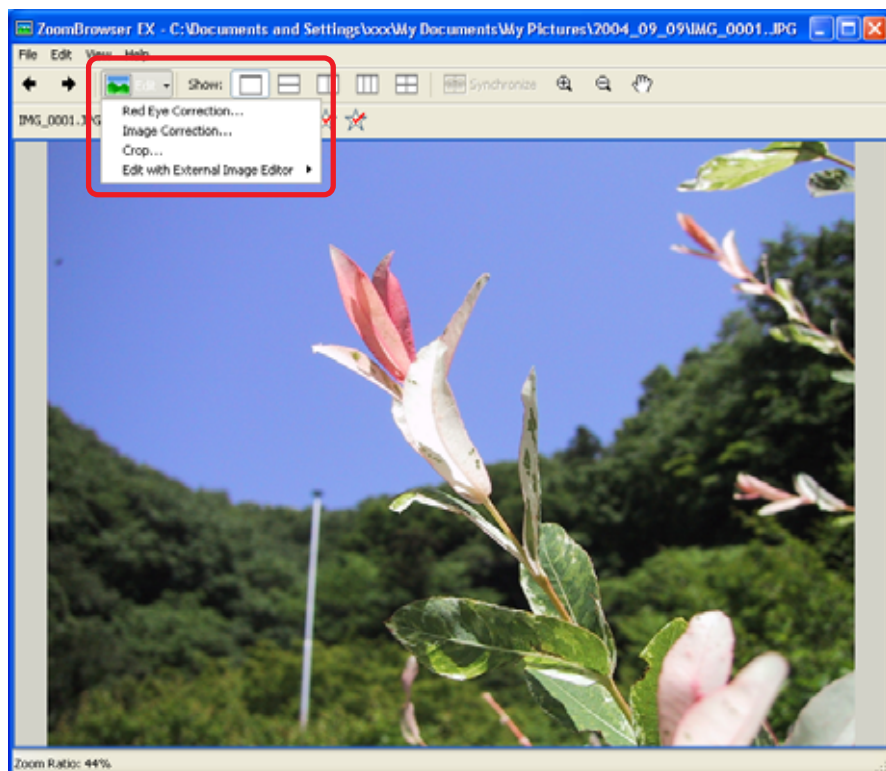
Click the [View] menu and select [Refresh Current Folder]. This will update ZoomBrowser EX's information about all the folders.



This section explains the procedures for editing images displayed in the Viewer Window.

About the Editing Features

You can perform the following editing operations in ZoomBrowser EX.



■ Red Eye Correction

Use this to correct images in which people's eyes appear red.

■ Image Correction

You can significantly alter an image by adjusting the brightness, saturation, contrast and RGB (red, green, blue) highlights and shadows.

■ Crop

This function trims portions of images. Use it to cut away unwanted parts of the image.

■ Edit with External Image Editor


See "Editing Images with Other Programs" in this chapter.

The procedures for these editing features are explained starting from the next page.

IMPORTANT

- RAW images and movies cannot be edited in the Viewer Window.

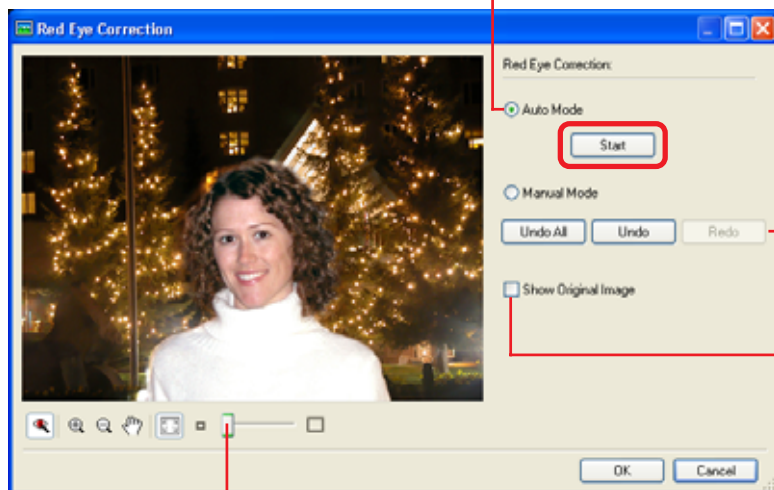
Red Eye Correction

This corrects the red portion of eyes that appear red. Click  (Edit) in the Viewer Window and select [Red Eye Correction] to open the red eye correction window.

Auto Mode

If you select [Auto Mode] and click [Start], red eyes will automatically be corrected. When it finishes correcting, click [OK].

Select this to have it automatically perform the red eye correction.

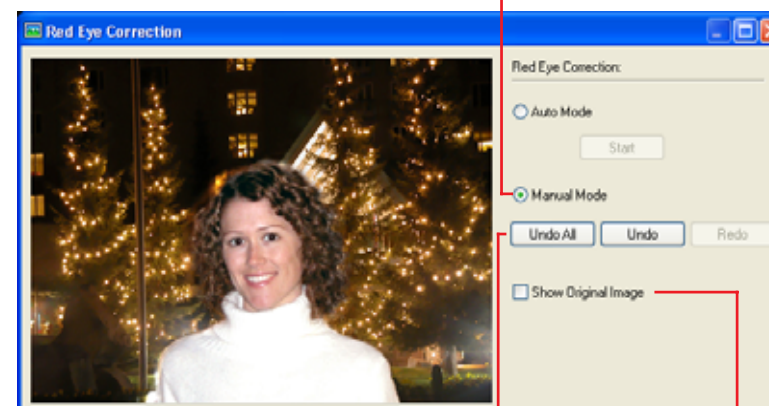


You can change the display magnification.

Manual Mode

If you select [Manual Mode] and position the mouse pointer over red eyes, the corresponding area will be highlighted. Click it to automatically correct the red eye in that portion. Click [OK] when it finishes correcting.

Select this to choose manual red eye correction.




Click [Undo All] to restore the image to its pre-correction state. Click [Undo] to cancel the action immediately preceding. Click [Redo] to reinstate an action canceled with the Undo button.

You can compare the pre-correction image and the post-correction image by placing a check mark here and having the pre-correction image appear.

REFERENCE

- You can also start the red eye correction procedure by clicking the [Edit] menu in the Viewer Window and selecting [Red Eye Correction].

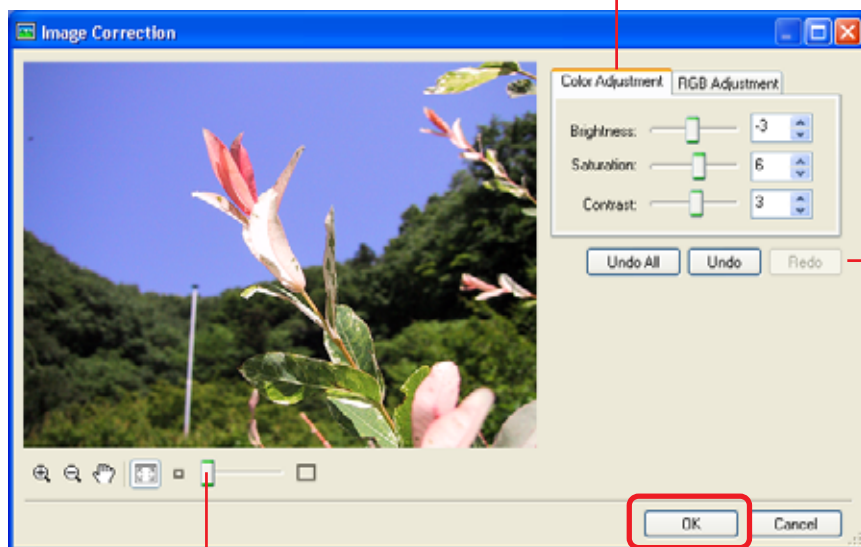
Image Correction

This adjusts the brightness, saturation, contrast and RGB (red, green, blue) highlights and shadows. Click  (Edit) in the Viewer Window and select [Image Correction] to display the image correction window. Use the sliders to adjust the attributes and click [OK] when you are finished.

REFERENCE

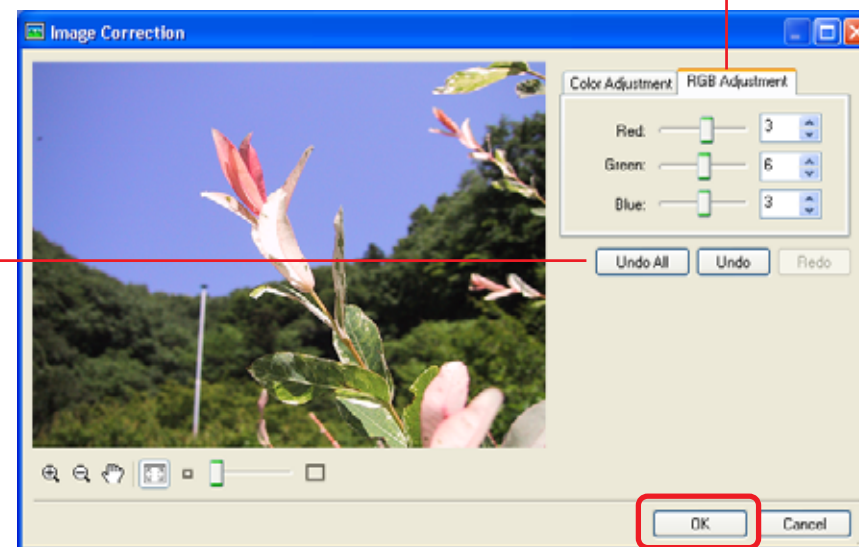
- You can also start the image correction procedure by clicking the [Edit] menu in the Viewer Window and selecting [Image Correction].

Color Adjustment Window




You can change the display magnification.

RGB Adjustment Window



Click [Undo All] to restore the image to its pre-correction state.
Click [Undo] to cancel the action immediately preceding.
Click [Redo] to reinstate an action canceled with the Undo button.

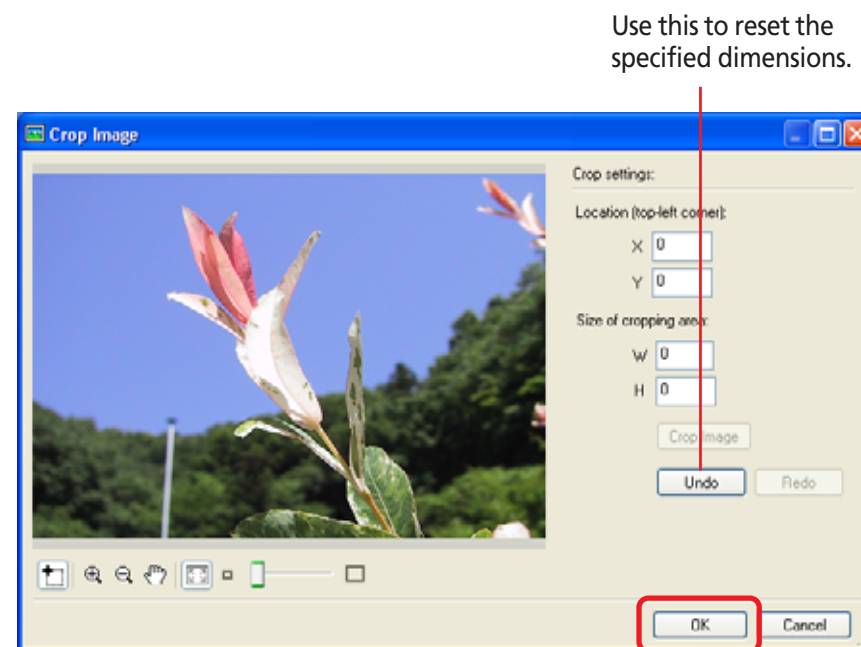
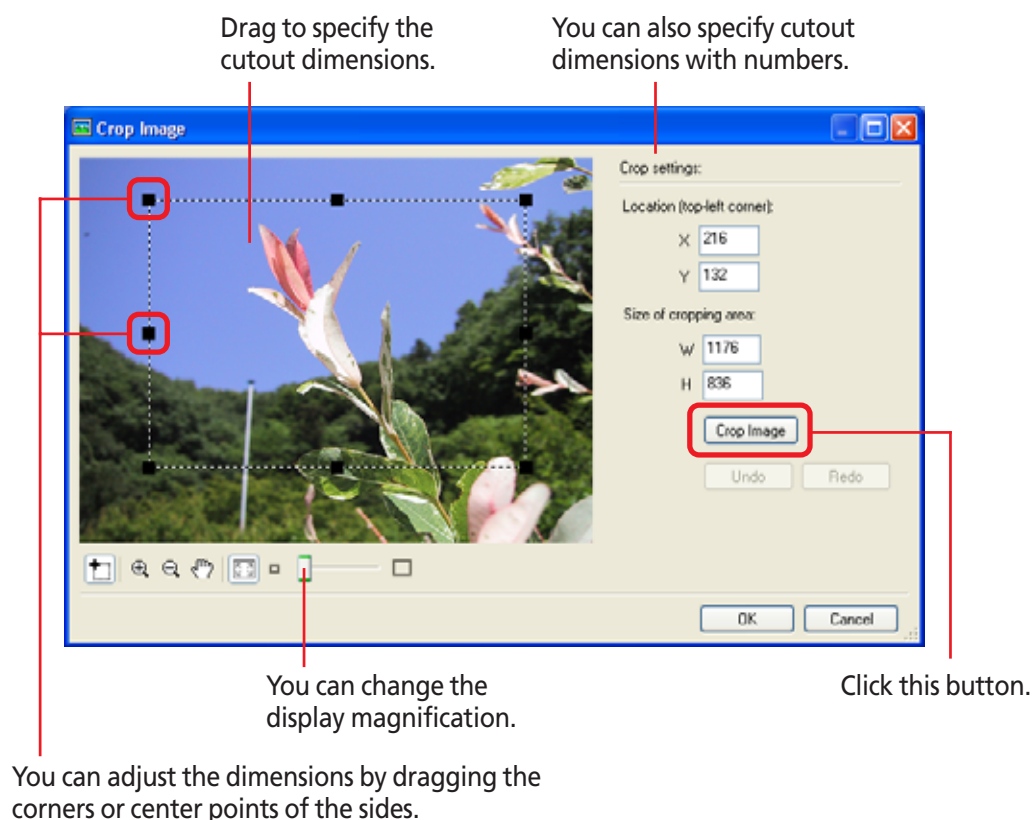
Crop

Use this to delete unnecessary portions of the image and leave only the necessary portions. Click  (Edit) in the Viewer Window and select [Crop] to open the crop window.

Position the mouse pointer over the image and drag it to select cutout dimensions with the rectangular cropping frame. Then click [Crop Image] to cut out the specified dimensions. Check the cropped image and click [OK] to complete the cropping procedure.

REFERENCE

- You can also start the cropping procedure by clicking the [Edit] menu in the Viewer Window and selecting [Crop].



REFERENCE

- You can use the following tools when editing.



Red Eye Correction Button

(Only available in the manual red eye correction mode)
Restores the red eye correction mode when the Zoom In, Zoom Out or Grab button is in use.



Crop Button

(Only available when cropping)
Restores the cropping mode when the Zoom In, Zoom Out or Grab button is in use.



Zoom In/Zoom Out Button

Zooms in or out (makes a portion of the image appear larger or smaller). The Navigator window appears when the image is zoomed in.



Grab Button

(Only available when the image is zoomed in)
Clicking and dragging changes the position of the zoomed-in area of the image.



Window Size Button

Sets the image display size to the window size.

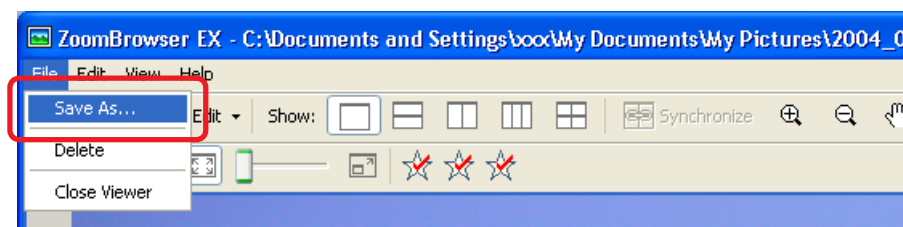


Display Size

Changes the image display magnification.

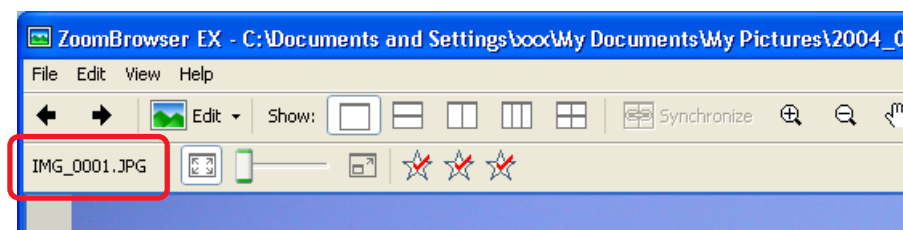
Saving under a Different Name

You can leave the original image file untouched and save the edited image in a new file under a different name. After editing the original, click the [File] menu in the Viewer Window and select [Save As] to open the Save dialog. Set the file name, format and image quality and click [Save].



Overwriting the Image

To overwrite the original image file with the edited image data, use the Save dialog from the Saving under a Different Name procedure and save the file leaving the file name the same as the original. (The original file name is displayed in the Viewer Window.)



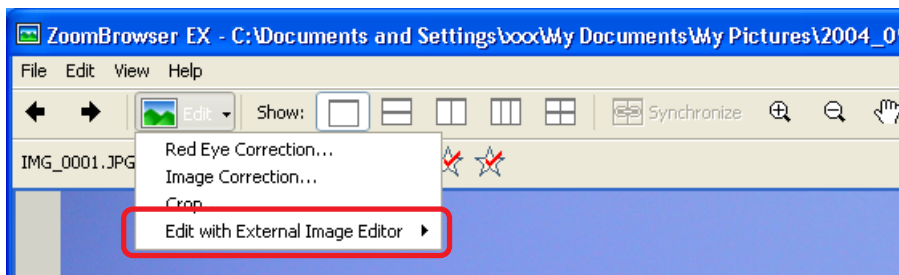
This section explains how to edit an image selected in ZoomBrowser EX using another image editing program that has been registered with ZoomBrowser EX.

REFERENCE

- If you installed the image editing program included with your product (contained on a CD-ROM other than the Solution Disk), it should automatically be registered in the ZoomBrowser EX menu.


How to edit an image with other programs

Click  (Edit) in the Viewer Window, select [Edit with External Image Editor] and select an editing program from the submenu.



This will start the image editing program and open the selected image in it.

REFERENCE

- You can also edit images by clicking [Edit] in the Task Area of the Main Window, followed by [Edit Image] and [2. Select Image Editing Tool], and selecting [Edit with external image editor].
- To register other programs, click  (Edit) in the Viewer Window and select [Edit Image with External Tool], followed by [Manage List], and register the programs.

This chapter explains how you can use images stored in ZoomBrowser EX in various situations. First, let's begin with how you can send images in e-mail.

IMPORTANT

- To use this function, your e-mail program must be set up as a MAPI client. For detailed information on how to set up your e-mail program, refer to the documentation that comes with it.

How to send an image by e-mail

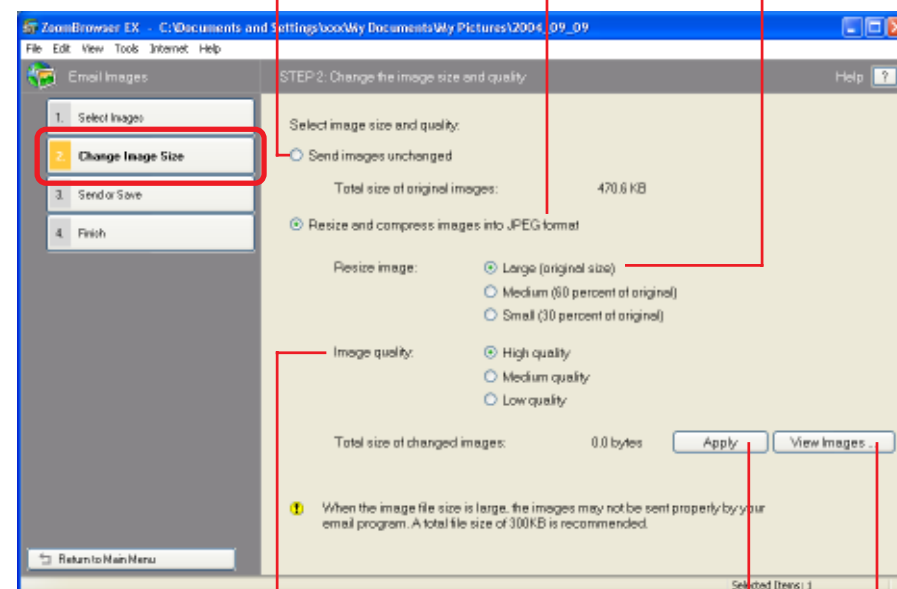
1. Click [Internet] in the Main Window, followed by [Email Images].
2. Click [1. Select Images] and select the images in the Browser Area.
You can select multiple images or a folder and have the images in the folder included in the e-mail attachment.

3. Click [2. Change Image Size] and set the image size and quality.

Use this option if you do not want to change the size of the image.

Specify the reduction ratio relative to the original size of the image.

Use this option if you want to reduce the size of the image.



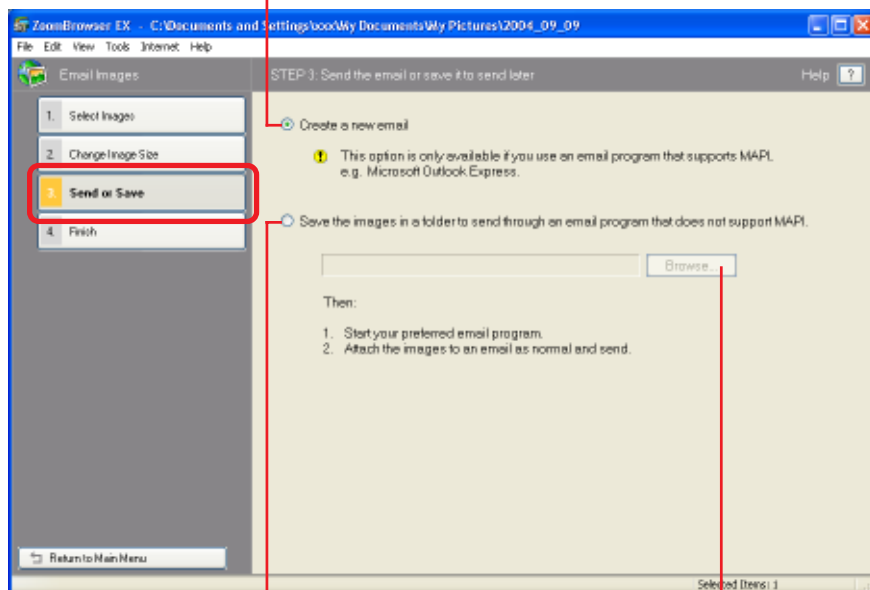
Specify the image quality. (The lower the quality, the rougher the image becomes, but the size of the file also becomes smaller.)

Use it to check the file size when you actually compress the image. (The file is displayed in the "Total size of changed images" category.)

Use it to check the image quality as it will appear when compressed. (A preview image will display.)

4. Click [3. Send or Save] and select whether to send the e-mail or save the image.

Start the e-mail program and send the e-mail immediately.

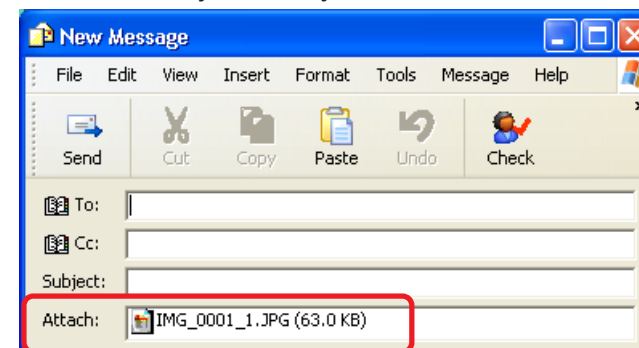


Save the image on the disk first.

If you selected [Save the images in a folder to send through an email program that does not support MAPI.], click [Browse] to specify a destination.

5. Click [4. Finish].

- If You Selected [Create a new email]:
Your e-mail program will start and the selected images will appear as an attachment in the message window. Input the address, subject and your comments and send the message.



- If You Selected [Save the images in a folder to send through an email program that does not support MAPI.]:
The images will be saved to the specified destination. To send the images by e-mail, start your e-mail program and attach the saved image files to a message.

REFERENCE

- You can also send images by e-mail by clicking the [Internet] menu and selecting [Send Images by Email].
- Some e-mail programs might not be able to start automatically (those without MAPI support). In this case, save the image to the disk, start the e-mail program and attach the image to an e-mail message.

This section explains how to change the size, resolution or file format of a selected image and write it to a new file, and to export an image for use as a screen saver or wallpaper. It also describes how to export the shooting information to a text file.

Export Formats

The following types of image export formats are available.

■ Export Still Images

You can change the file format and/or image size and save it to a new file. Select one of three file formats: JPEG, TIFF or Windows Bitmap (BMP). You can also add identifying characters to the start of the file name.

■ Export Shooting Properties

You can select specific items from the shooting information and export it to a text file.

■ Export Images as a Screen Saver

You can export an image as a screen saver file.

■ Export an Image as a Wallpaper

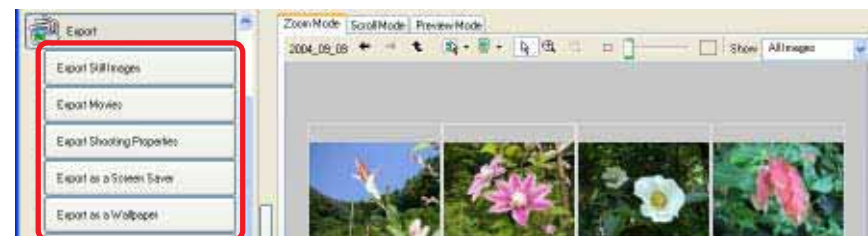
You can export an image as a wallpaper file. This function will not work with multiple files selected.

REFERENCE

- If you save a file in the JPEG format using the Export Images option, the shooting information is also saved with it.

Exporting Images

1. Click [Export] in the Main Window and select the export format in the next menu.



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

You can select multiple images or a folder and have the images in the folder included.

3. Click [2. Specify Export Settings] and set the export settings.

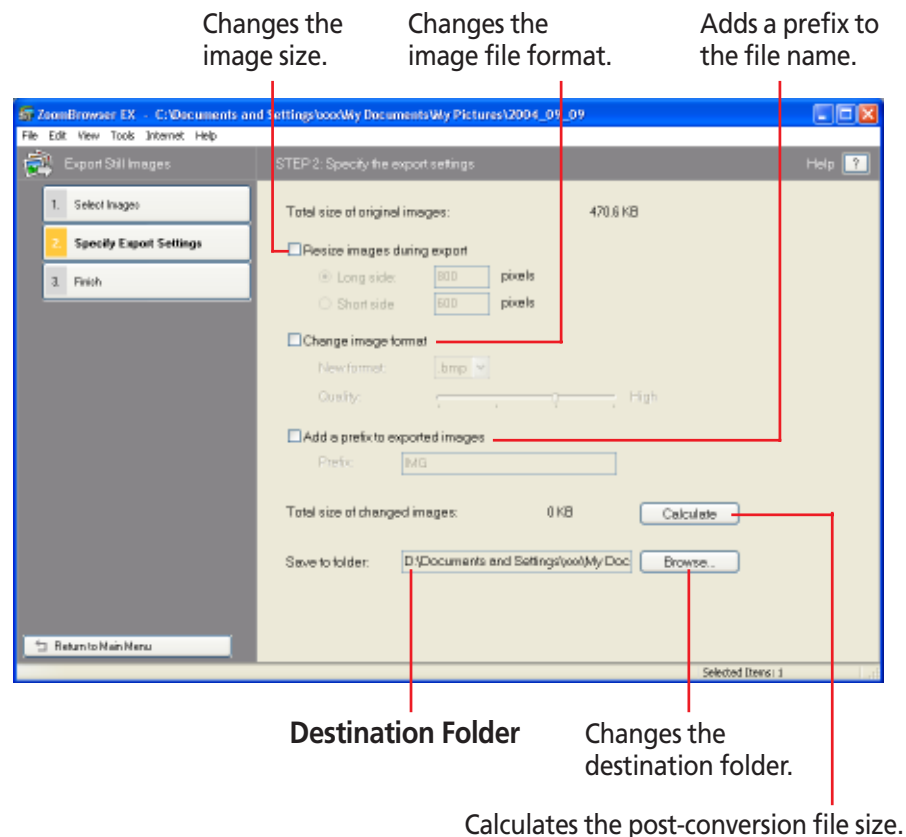
The settings content varies according to the export format. The following page explains the features and procedures for each window.

Be sure, however, to note the file name and destination when exporting so that you do not lose track of the exported file.

4. Click [3. Finish].
This will export the image(s).

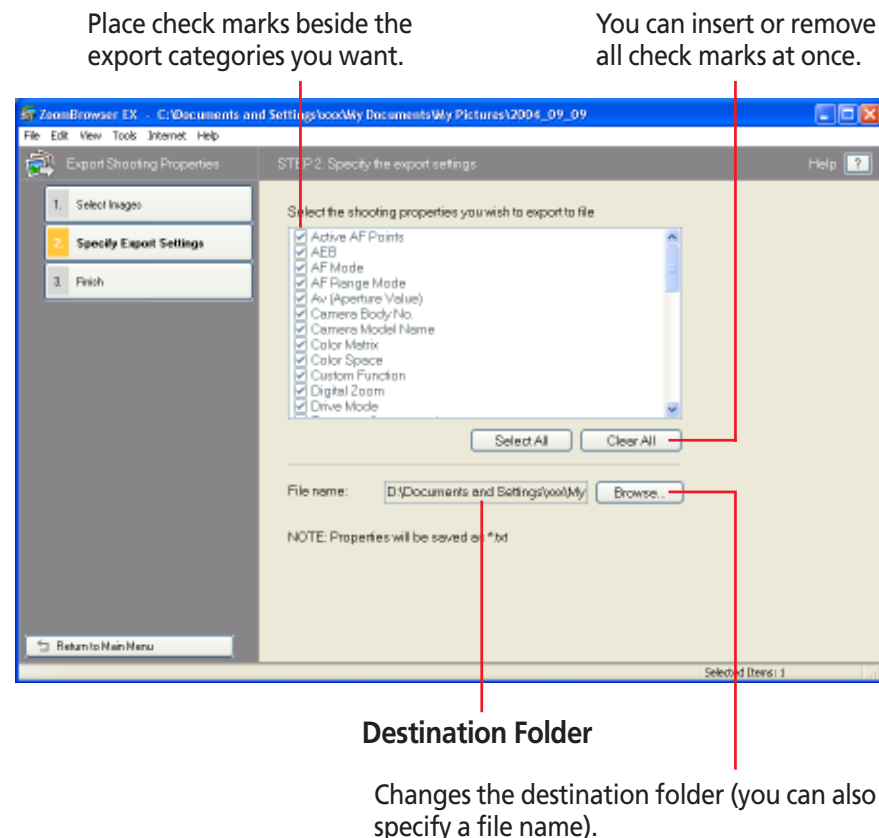
Export Still Images

Click [3. Finish] after specifying the settings.



Export Shooting Properties

Click [3. Finish] after specifying the settings.



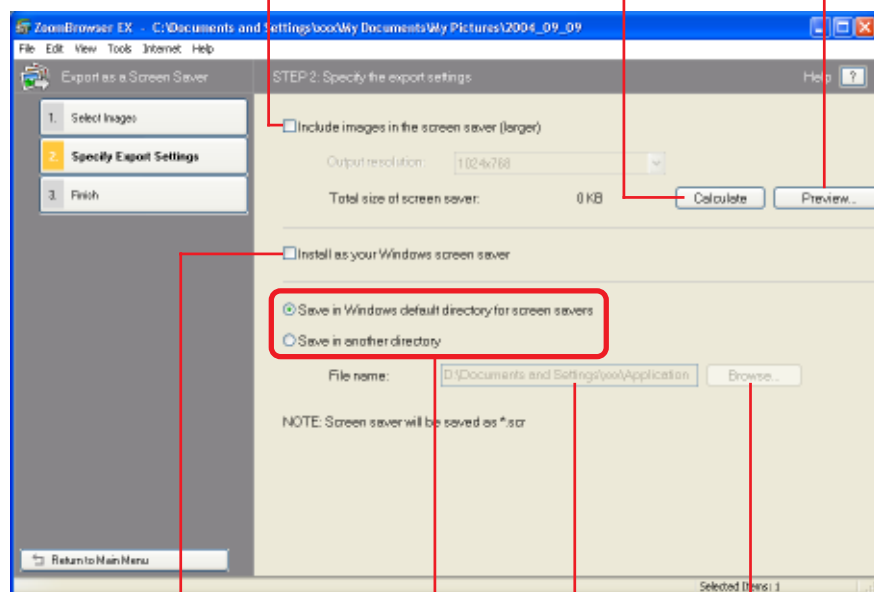
Export as a Screen Saver

Click [3. Finish] after specifying the settings.

Place a check mark here to imbed the selected image as a new screen saver file (select a resolution in the category immediately under it).

Calculates the post-conversion file size.

You can preview the post-conversion image.



Place a check mark here to export it as a Windows screen saver.

Destination Folder

Select whether to save it to the folder used by Windows for screen savers or another destination.

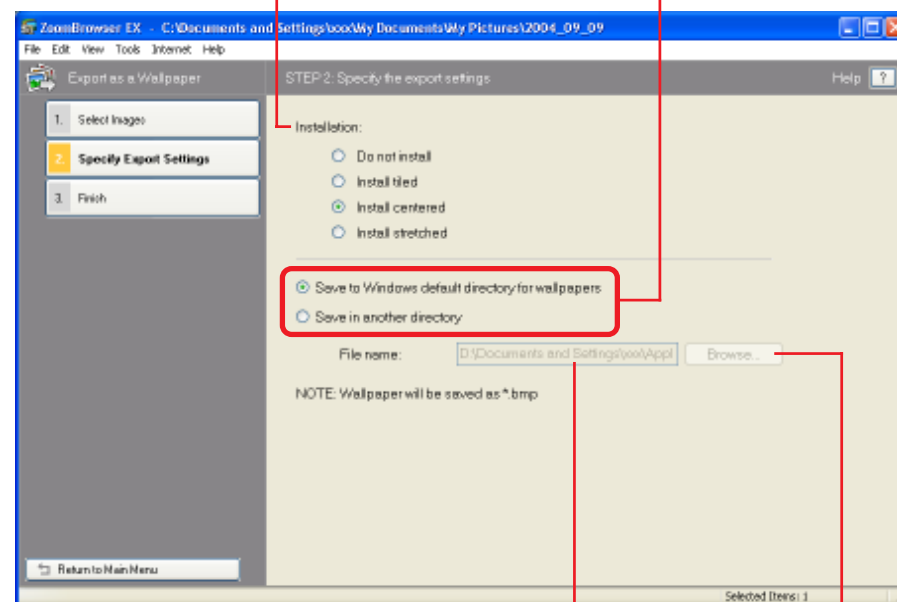
Changes the destination folder (you can also specify a file name).

Export as a Wallpaper

Click [3. Finish] after specifying the settings.

Selects a display method for the wallpaper.

Select whether to save it to the folder used by Windows for wallpaper or another destination.



Destination Folder

Changes the destination folder (you can also specify a file name).

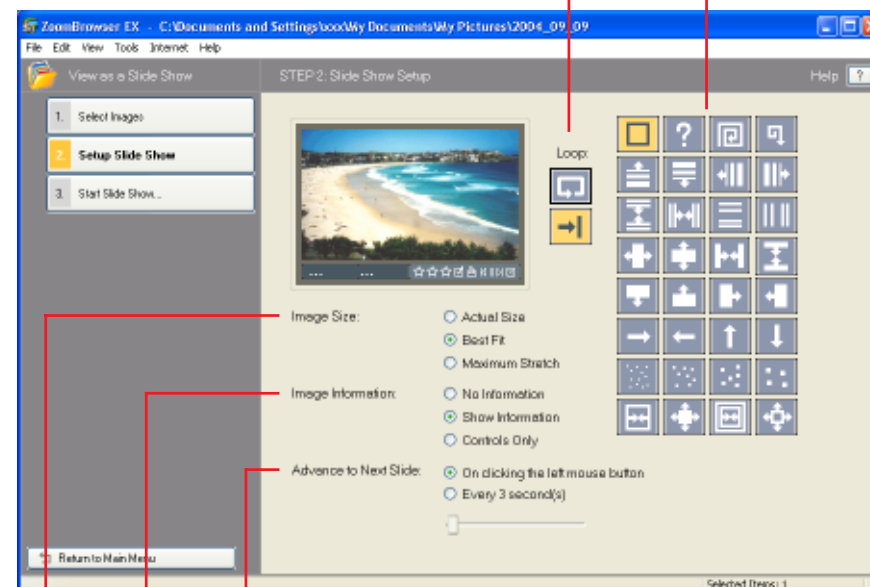
This section explains how to run a slide show displaying images in sequence in the full-screen mode.

Setting and Starting a Slide Show

1. Click [View Classify] in the Main Window, followed by [View as a Slide Show].
2. Click [1. Select Images] and select the images in the Browser Area.
You can select multiple images or a folder and have the images in the folder included.
The images will display in the order they are selected here.
3. Click [2. Setup Slide Show] and set the display method for the slide show.

Select the transition effect to be used when moving from one slide to another (When you click an effect, you can get a preview of how the effect looks) If you want the transition effects to be randomly assigned, select [?].

Specify whether to stop the slide show (upper button) or continue running it (lower button) when it comes to the end.



Select [On clicking the left mouse button] to have the slides proceed manually, not automatically.
Select [Every X second(s)] to have the slides advance automatically and set an interval in seconds with the slider.

Selects the display methods for image information, such as the file name and titles, and the control panel (explained on the next page).

Select the Image Size option to be used when displaying the images.


4. Click [3. Start Slide Show].

The slide show starts.

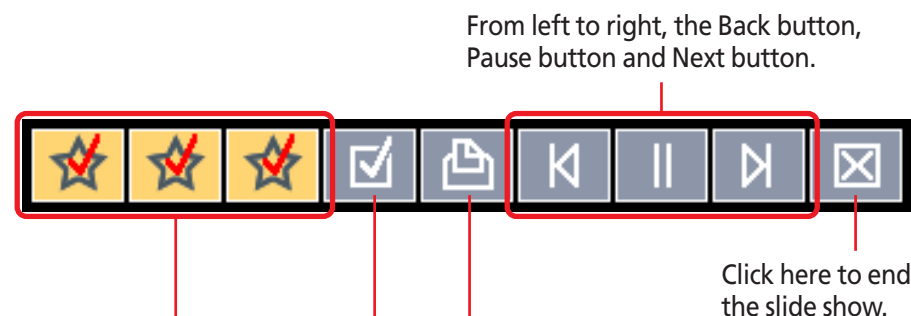


The file name and control panel will display if the [Show information] option was selected in the [Image Information] section shown in the settings on the previous page.

REFERENCE

- To view all images in a folder in a slide show, it is convenient to select [Select All] from the Display Control Panel menu ().
- You can also start a slide show by clicking the [Edit] menu and selecting [View as a Slide Show].

While running a slide show, you can use the control buttons at the bottom right of the window to control the show.



From left to right, the Back button, Pause button and Next button.

Click here to end the slide show.

Print Settings Button

Click this button if you see an image you would like to print during a slide show. (The color of the button will change to orange.) When the slide show finishes, PhotoRecord (printing utility) will automatically start and the selected image will appear in the printing window.

Select Images Button

If you click this button while an image is displayed, the image will appear in the selected state in the Browsing Area after the slide show.

Star Rating Settings Button

You can set the Star Rating for the displayed image while a slide show is playing.

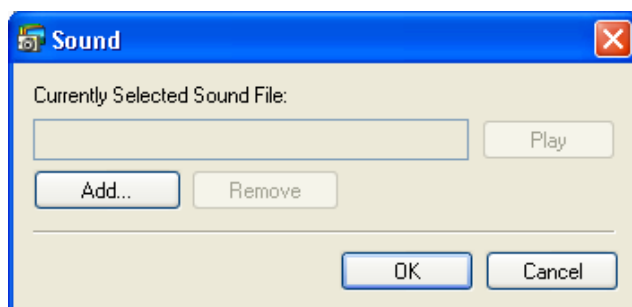
You can add sounds to your images and play them later as necessary.

REFERENCE

- To use a sound file with images, it must be of one of the following formats:
 - WAVE (with WAV extension)
 - MIDI (with MID or MIDI extension)

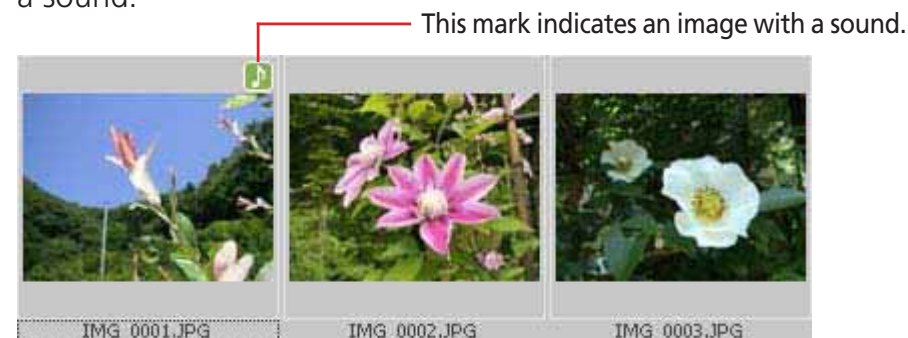
How to add a sound to an image

In the Browser Area, select an image, click the [Edit] menu and select [Add/Remove Sound]. The following dialog box appears.



Click [Add]. In the file dialog box, select a sound file and click [Open]. Next, click [OK] to add the sound to the image that you selected.

The following mark appears when an image is accompanied by a sound.

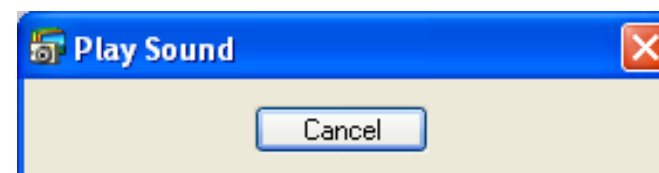


REFERENCE

- To remove a sound from an image, select the image, click the [Edit] menu and select [Add/Remove Sound], then click [Remove]. Finish by clicking [OK] to have the sound removed.
- When you add a sound to an image, the sound file is copied to the same folder as the image.

How to play a sound added to an image

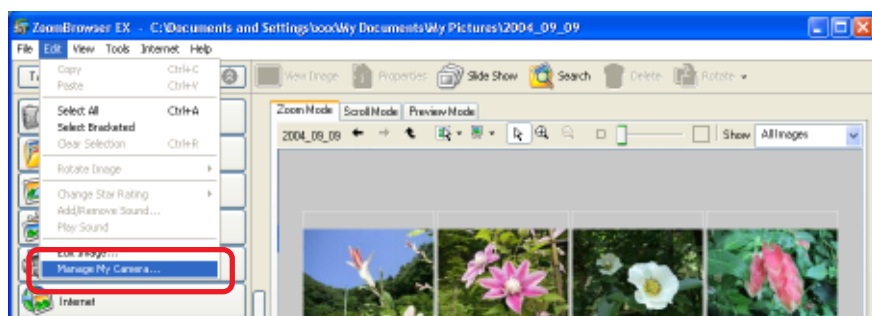
Select an image with a sound attachment, click the [Edit] menu and select [Play Sound].



Creating a My Camera Sound

The following section introduces the [My Camera Sound Maker] function, which allows you to record and edit the start-up sound, shutter sound, operation sound and self-timer sound.

Click the [Edit] menu in the Main Window and select [Manage My Camera].



When the My Camera window opens, click the [Set individually] tab, followed by [Create a My Camera Sound].

The My Camera Sound Maker window will open.

IMPORTANT

- The My Camera Sound Maker window will not appear if QuickTime is not installed.

REFERENCE

- For detailed information on how to use this function, please refer to the Help file (open it with the [?] button).

Recording and Editing Sounds

Use these tabs to switch between sound files for recording and editing.

Click here to record sounds. Ends the recording.

Click here to open sound files. Displays the Help menu.

Change the file format.

Cuts out unnecessary sound portions.

The screenshot shows the 'My Camera Sound Maker' window. At the top, there are five tabs: 1. Start Up Sound, 2. Shutter Sound, 3. Operation Sound, 4. Selftimer Sound, and 5. Save. Below the tabs are buttons for 'Record...', 'Open...', 'Sound format', and 'Cut'. On the right side of the window, there are buttons for '?', 'X', and 'Y'. The main area displays a volume slider on the left and a waveform of a recorded sound. Below the waveform are two checkboxes: 'Moves blue and red switches freely' and 'Limits blue and red switch to within limit time'. At the bottom right, there are play, stop, and previous buttons. A 'Sound time' indicator shows '1.0 Sec'.

Shows from where the sound starts to play.

Volume

Sets the blue and red switches.

Plays sounds.

The blue and red switches designate the sound range. (You can delete useless sections by clicking the [Cut] button after having selected the desired sound portion with the switches.)

IMPORTANT

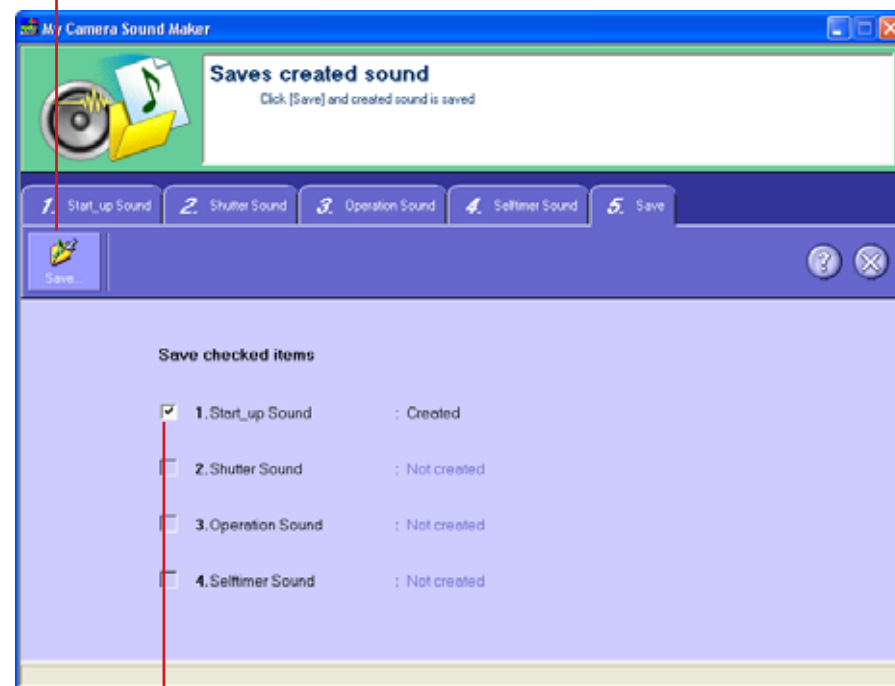
- The “Sound time” will display in red if the sound file exceeds the time limit.
If this happens, select the desired sound portion using the blue and red switches and select [Cuts both switches, before blue and after red] from the [cut] menu to delete unnecessary sound portions.
In addition, when you select [Limits blue and red switch to within limit time], the switches can no longer be moved outside of the time limit width.

REFERENCE

- The Volume switch setting affects the volume of the sound file to be saved. In other words, if you turn down the volume of a sound you recorded on the computer because it is too loud when you play it, the sound will have a low volume when you upload it to the camera. So when the playback volume is too loud on the computer, turn down the volume of the speakers.

Saving a Sound

Click here to save a sound (A window allowing you to name the file will display).



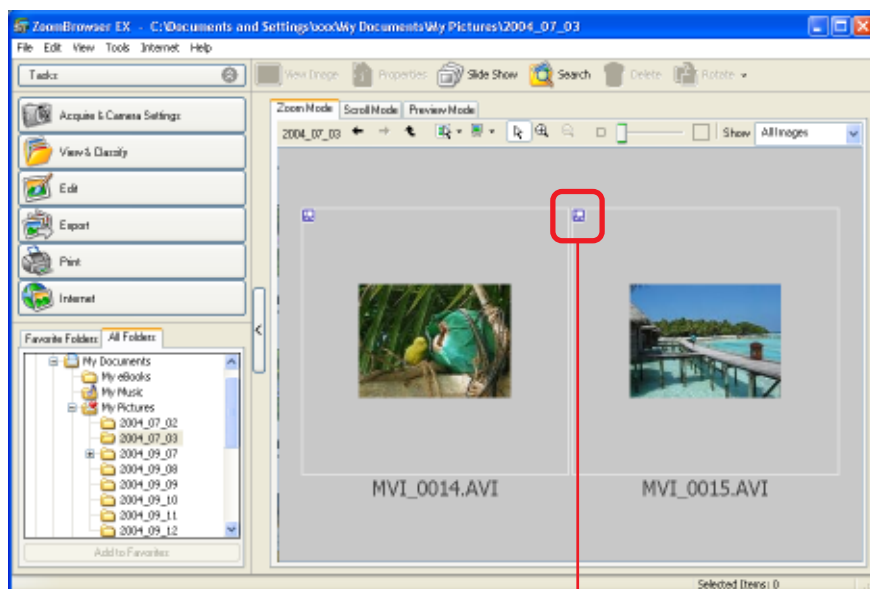
Select the sound to be saved.

REFERENCE

- Each sound file is automatically given an extension according to the type of sound.
- The actual file name is composed of the name of your choice in the first part, followed by characters specifying the sound type (_OP01 or _SS01) and the extension (.WAV) in the latter part.
- When a number of different types of sounds are saved at the same time, the first part of their file name will be the same.

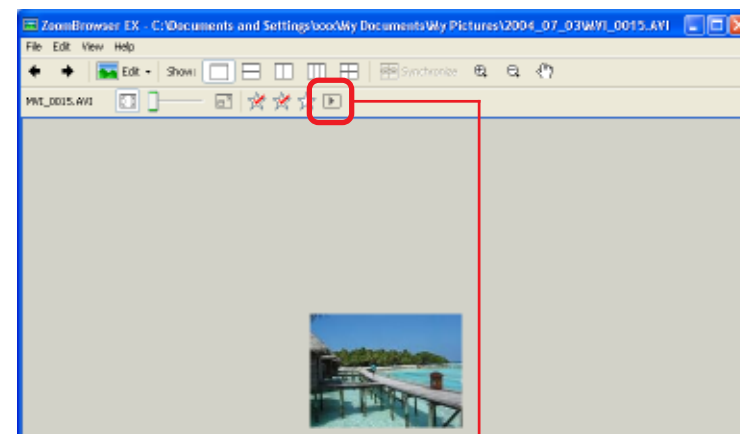
ZoomBrowser EX supports movies.

You can download movie files and display them in the Browser Area just like ordinary images. The movie thumbnail and movie icon will show in the Browser Area. Only the movie icon appears for QuickTime format movies.



Movie Icon

The Viewer Window will open if you double-click the thumbnail. You can play the movie by clicking the [Play] button in the Viewer Window to start Windows Media Player or QuickTime Player.



Click this button.

The Windows Media Player Window



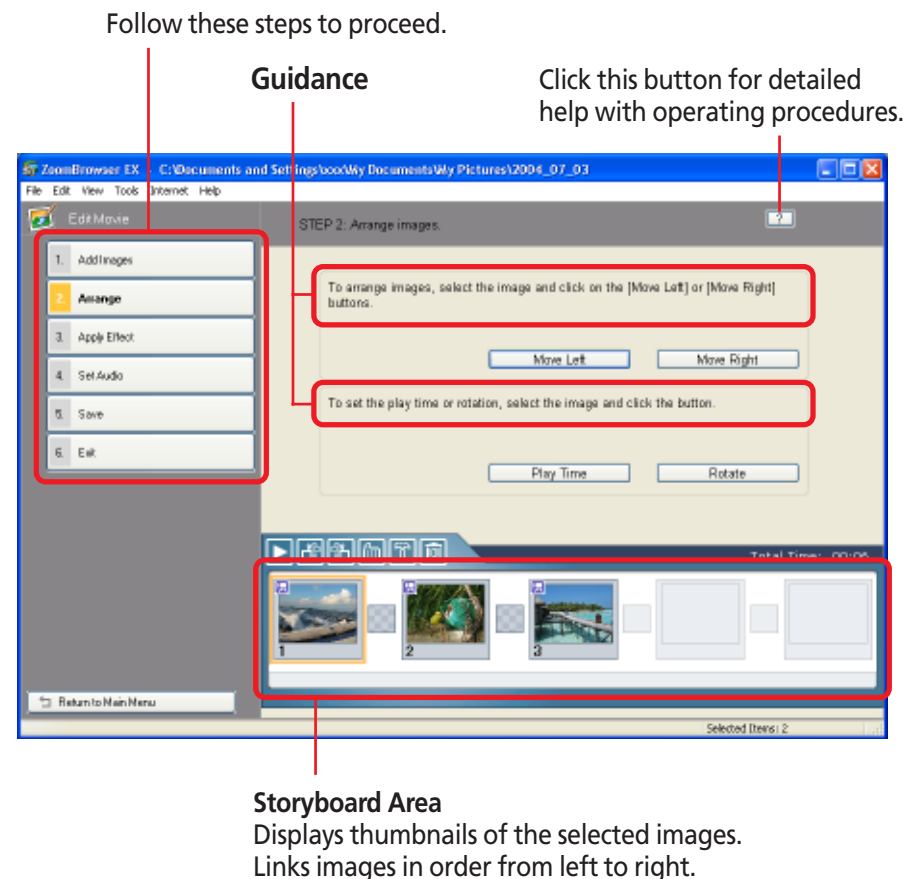
You can create movies by adding various effects: linking movies and still images that have been downloaded to a computer, superimposing titles and other text, and adding background music.

REFERENCE

- Movies are saved as AVI files in the Motion JPEG format.

Procedures for Editing Movies

1. Click [Edit] in the Main Window, followed by [Edit Movie].
2. Click [1. Add Images] and select the images (movies or stills) in the Browser Area.
You can select multiple movies or still images.
3. Follow steps 2-5 at the left of the window and click [6. Exit] when you finish editing the movie.
The features and procedures for each step are explained on the following pages.



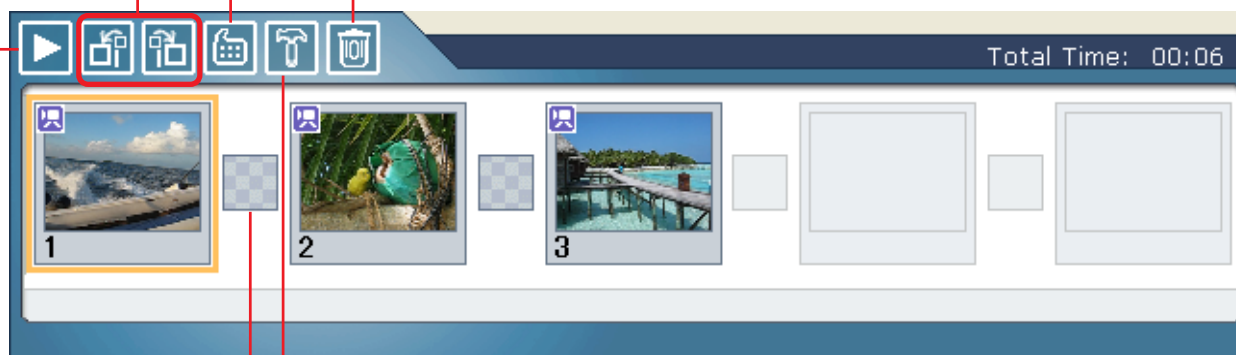
Features of the Storyboard Area

Changes the order of the selected images.

Displays the properties of the selected image.

Deletes the selected image from the storyboard area.

Click this button to play the movie being edited.



Transition Box

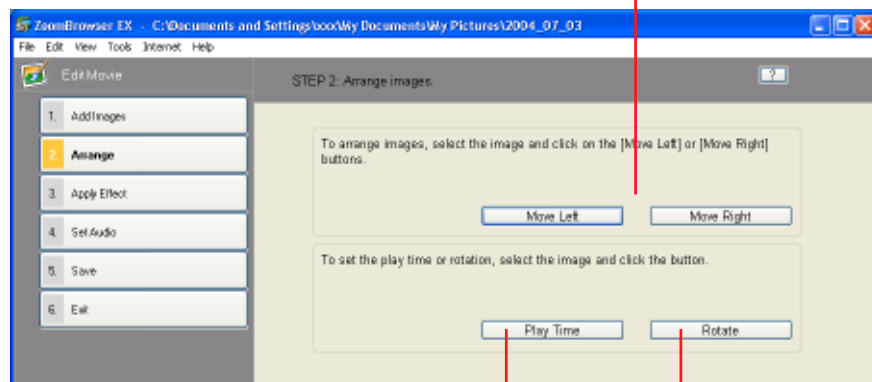
Displays the icon of the transition effect used to link adjacent images.

Displays a dialog with the general movie editing settings.



Features of the [2. Arrange] Window

Moves the image selected in the storyboard area one position to the left or right.



You can set the playback range (start and stop points) of a movie selected in the storyboard area by clicking this button.

You can set the play duration of a still image selected in the storyboard area by clicking this button.

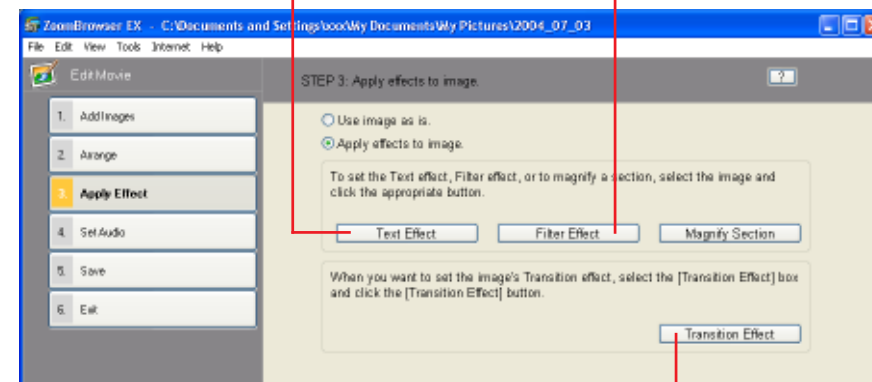
You can rotate or flip the selected image.

Features of the [3. Apply Effect] Window

Superimposes titles and other text on the image selected in the storyboard area.

You can set the font, display duration, display position and scrolling attributes of the text.

You can change the image selected in the storyboard area into a sepia or monochrome image, or add noise for a film simulation.

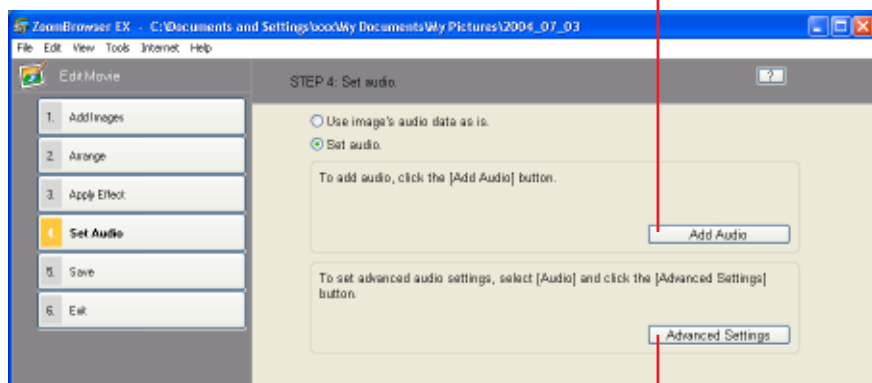


You can set the transition effect between images by selecting the transition effect box in the storyboard area and clicking this button.

Features of the [4. Set Audio] Window

You can link MP3-format and WAV-format audio files as background music or sound effects.

When you link a sound file using this procedure, a bar appears under the thumbnail in the storyboard area indicating the duration of the audio file.

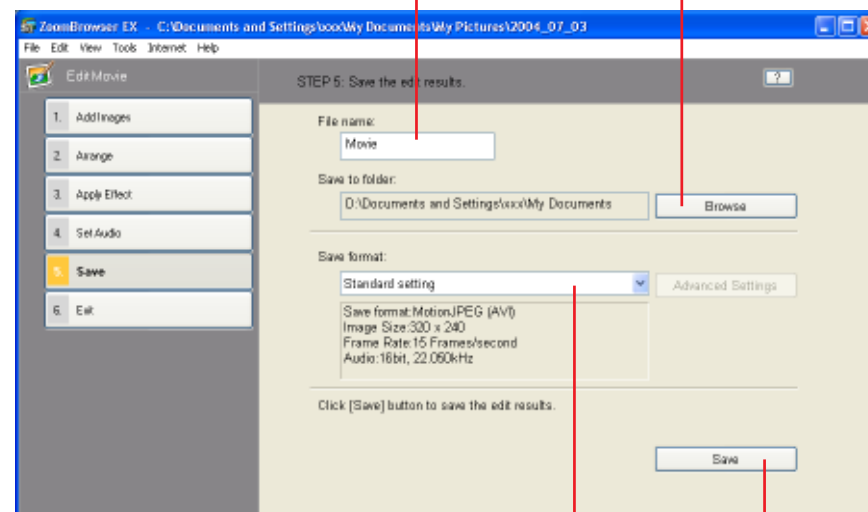


You can adjust the volume or set the fade-in or fade-out effect for a movie or its linked audio file by selecting it in the storyboard area and clicking this button.

Features of the [5. Save] Window

Specifies the file name.

Selects the destination folder.



You can set the size (height and width in pixels) and frame rate (frames/second) of the movie being saved by selecting [Motion JPEG (AVI)] and clicking the [Advanced Settings] button at the right.

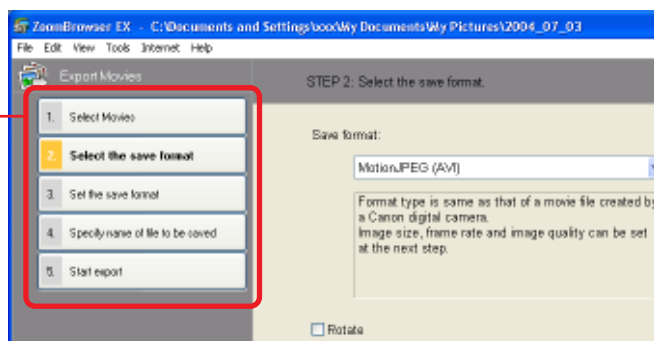
Saves the file.

This feature changes a movie to another file format or size and exports it.

Procedures for Exporting Movies

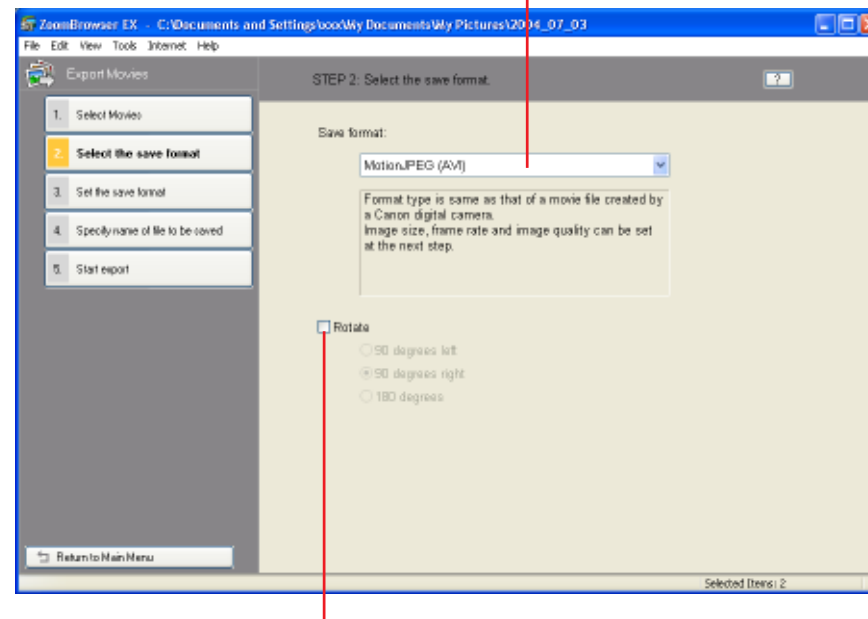
1. Click [Export] in the Main Window, followed by [Export Movies].
2. Click [1. Select Movies] and select a movie in the Browser Area.
You can select multiple movies.
3. Follow steps 2-4 at the left of the window to proceed and click [5. Start export] to finish.
The features and procedures for each step are explained on the following pages.

Follow these steps to proceed.



Features of the [2. Select the save format] Window

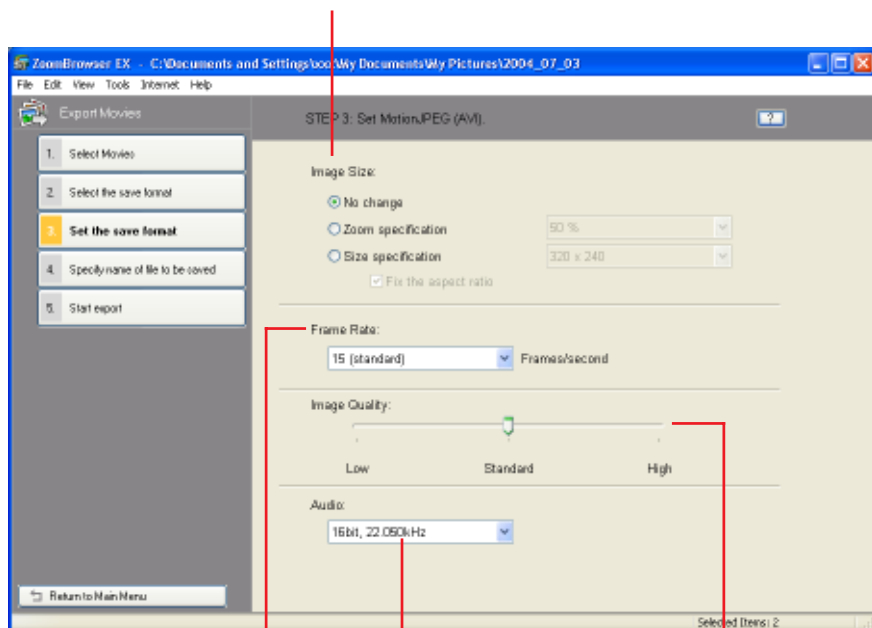
Select between [Motion JPEG (AVI)] and [QuickTime movie (mov)] as the format in which to save the movie file.



To save the movie in a rotated orientation, click here to add a check mark and specify a rotation direction.
Use this feature when a camera has been turned on its end to shoot a movie sequence.

Features of the [3. Set the save format] Window

To change the size of the movie being exported, select [Zoom specification] or [Size specification] and set the size.



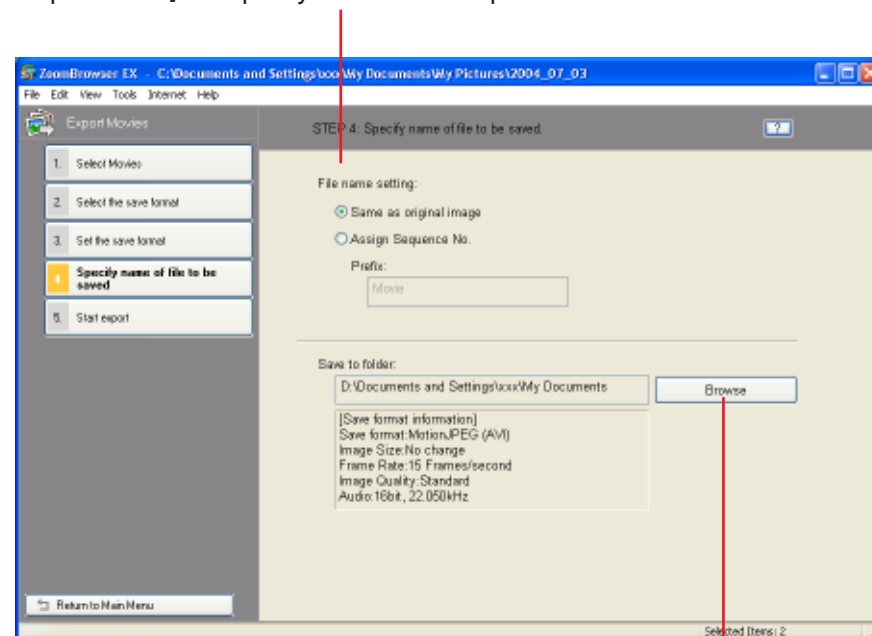
Selects the number of frames displayed each second.

Sets the image quality. The higher the setting, the clearer the image, but the file size also increases correspondingly.

Selects the audio quality.

Features of the [4. Specify name of file to be saved] Window

To save the movie under its original file name, select [Same as original image]
To assign sequential numbers in a multiple movie selection, select [Assign Sequence No.] and specify a root name to precede the numbers.



Selects the destination folder.

If your camera supports RAW images you can handle higher quality images.

However, the RAW format is a special file format and RAW images cannot be opened or processed in their native format in standard image processing programs. RAW images must first be converted to standard file formats, such as TIFF or JPEG formats. This section explains conversion procedures.

IMPORTANT

- See your *Camera User Guide* to check whether your camera supports RAW images or not.
- Depending upon your camera model, a different program than the one introduced here may start when you convert RAW images. If that occurs, refer to the manual for the software supplied with your camera.

REFERENCE

- RAW images are extremely high-quality images that are not subject to any deterioration due to compression processing.
- See the Help file for conversion details. You can open the Help file after clicking [Process RAW Images] in Step 2 by clicking the [Help] menu in the Main Window that opens.

Converting RAW Images

1. Select a RAW image in the Browser Area.
2. Click [Edit] in the Main Window, followed by [Process RAW Images].



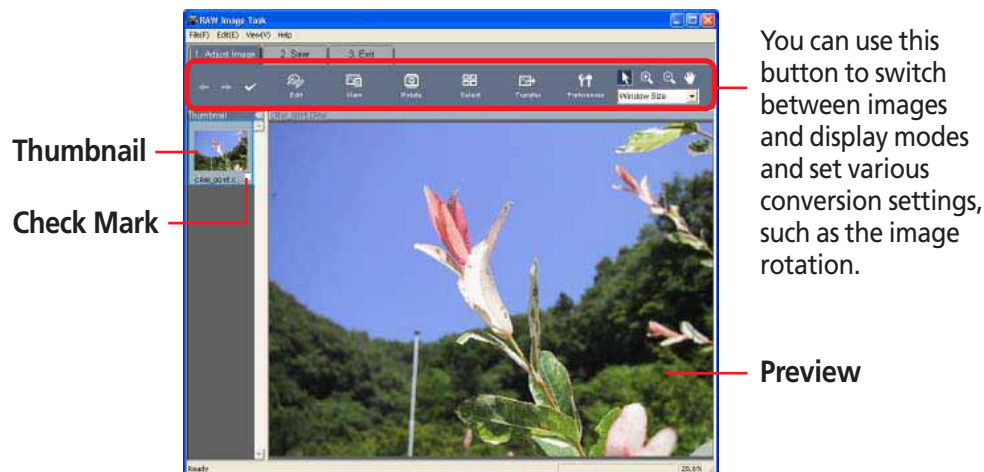
As shown on the next page, the Main Window, Navigator window, and Image Quality Adjustment Window will display.

REFERENCE

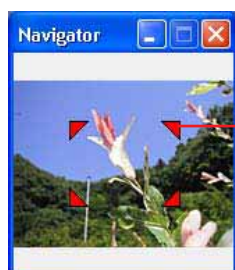
- If the Navigator window does not open, click the [View] menu in the Main Window and select [Show Navigator].
- You can also convert images by clicking the [Tools] menu and selecting [Process RAW Images].

■ Main Window

The conversion is conducted in this window.



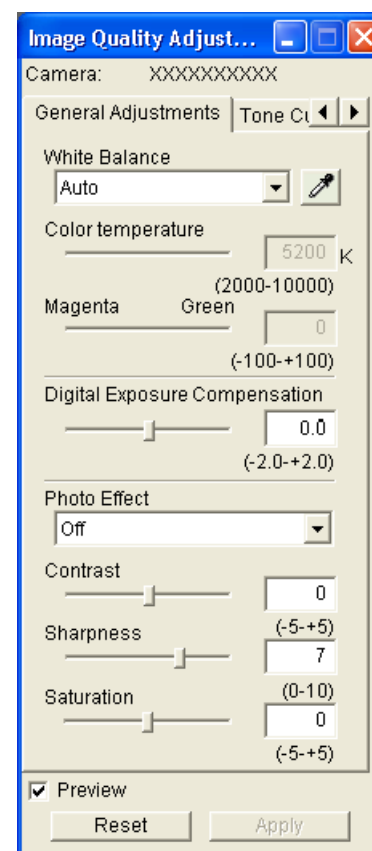
■ Navigator Window



You can change the area of a preview image that is zoomed in the Main Window by clicking this red mark and dragging it.

■ Image Quality Adjustment Window

You can adjust the brightness, contrast and coloration of a RAW image as it is converted. See the *Features of the Image Quality Adjustment Window* for details.



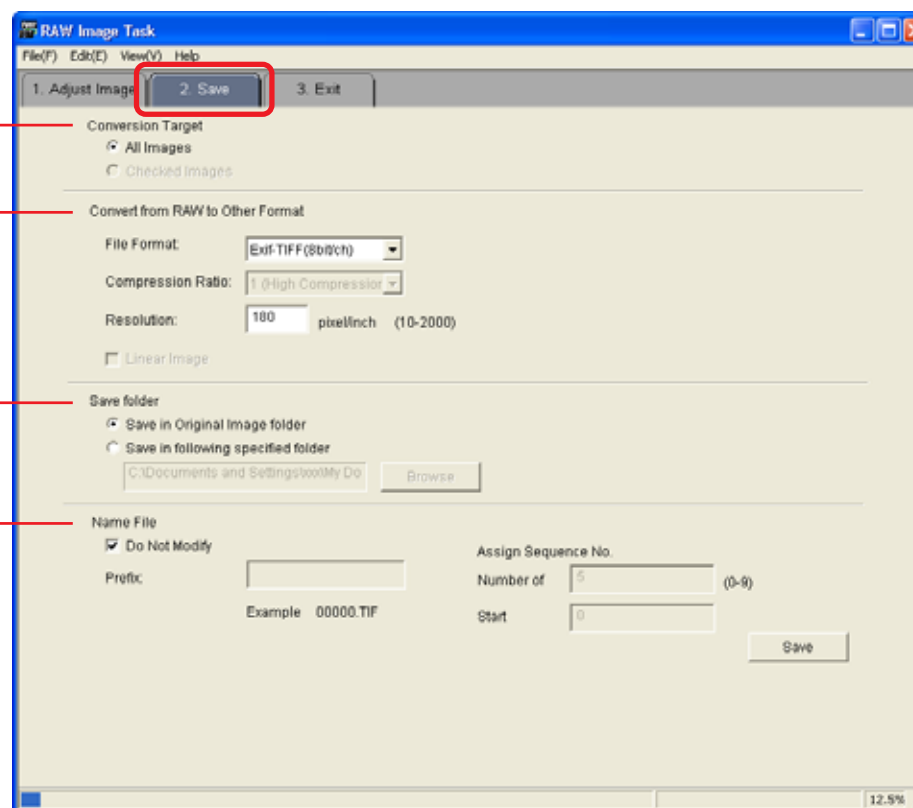
3. Adjust the image quality as required in the Image Quality Adjustment Window.
4. Click the [2. Save] tab in the Main Window, set the file format and save destination, and then click [Save].

Selects images that will be saved with the same settings (All images, or images marked with a check in the Main Window).

Selects the image file format.

Sets the destination folder for the image file.

You can change the image file name.



5. Click the [3. Exit] tab and click [OK].

Features of the Image Quality Adjustment Window

The adjustable categories vary according to your camera model.

Adjusts the white balance by the light source or color temperature, etc.

Adjusts the digital exposure compensation, photo effect, contrast, sharpness and saturation.

With a check mark here, settings changes in this window are immediately reflected in the image.

Restores all adjustments to the initial shooting settings.

Scrolling Tab Titles
Click the arrows to display the other tab titles. Click a tab title to change tabs and access the other settings.

Tone Curve Tab
You can adjust the RGB channel settings together or individually.

Advanced Adjustments Tab
You can set the settings for noise reduction processing and the output color space.

Selects preset color schemes or My Color custom color schemes (see next page for explanation).

Applies the settings to the displayed image.

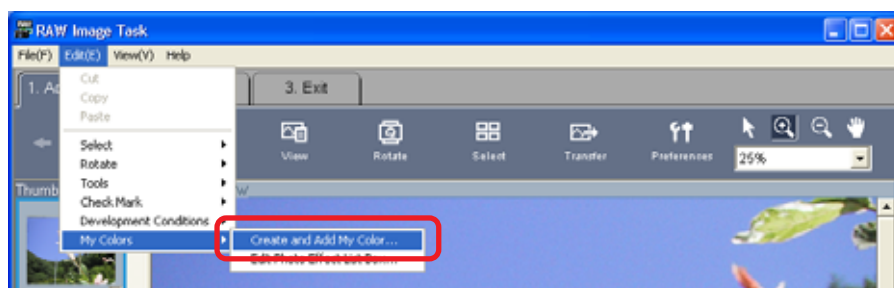
Registering Custom Color Schemes (My Color)

If you register a custom color scheme as a “My Color” scheme, you can apply this scheme easily to additional images when you convert RAW images.

IMPORTANT

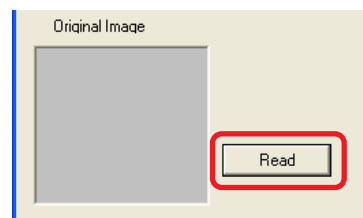
- To register a “My Color” scheme, two images are required: the pre-adjustment image and the post-adjustment image. Use ZoomBrowser EX’s image editing functions to prepare the two images before proceeding. Save the two images in the BMP, TIFF or JPEG format.

1. Click the [Edit] menu and select [My Colors].
2. Select [Create and Add My Color] from the next



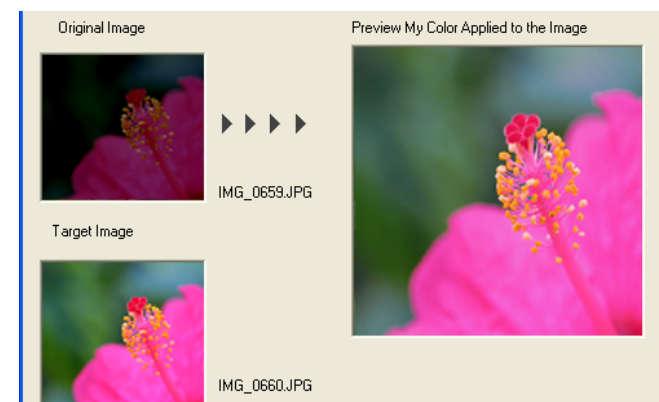
menu, followed by [Next].

3. Click [Read] beside the original image, select the pre-adjustment image (original image) and click [Next].



4. Click [Read] beside the target image, select the post-adjustment image (target image) that you have modified with an image editing program, and click [Create].

The program will calculate the differences between the original and target images, apply those corrections to the original image and display the results as the Preview My Color Applied to the Image.



5. Check the Preview My Color Applied to the Image and click [Next].
6. Type a name or comment and click [Finish].

REFERENCE

- You can apply the registered My Color scheme to additional RAW images when you convert them by selecting it from the Photo Effect menu in the Image Quality Adjustment Window.

If you have several images of the same scene with only slight differences, you can use PhotoStitch to connect the images together to make a panoramic image. This section explains how to use this program to stitch images.

REFERENCE

- For detailed information on how to use PhotoStitch, refer to PhotoStitch Help (accessible from the [Help] menu).
- You can make it easier to stitch images together by using the camera's Stitch Assist mode to shoot them.

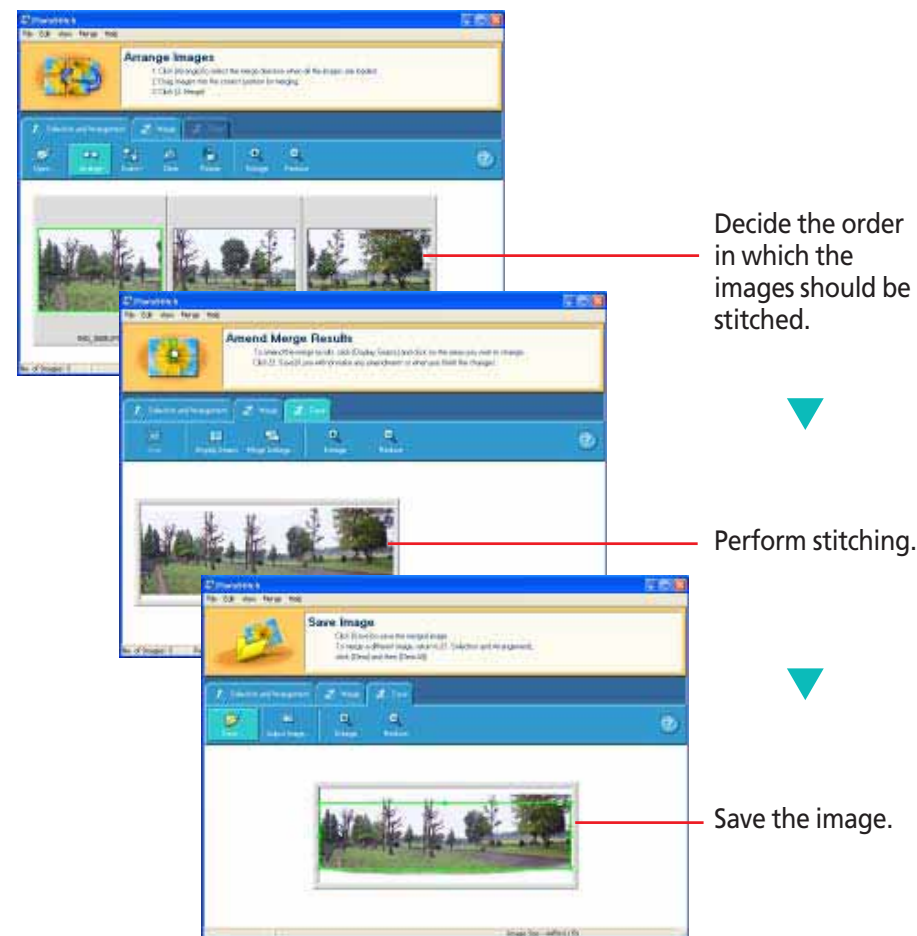
Opening PhotoStitch

1. Click [Edit] in the Main Window, followed by [Stitch Photos].
2. Click [1. Select Images] and select the series of images in the Browser Area.
3. Click [2. Open PhotoStitch].

REFERENCE

- You can also start PhotoStitch by clicking the [Tools] menu and selecting [Stitch Photos].

Then, follow the instructions on the upper part of the PhotoStitch window, and stitch your images together.



Saving Images to CD-R/RW Disks

You can copy or save images onto CD-R disks and CD-RW disks. The shooting information is saved along with the image.

IMPORTANT

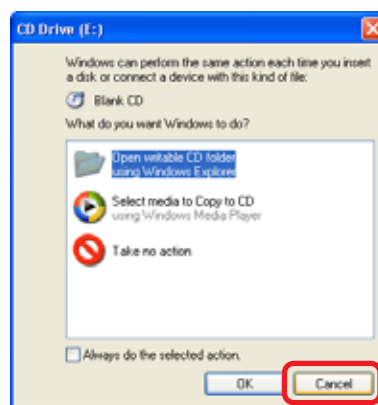
- This feature is only possible with computers satisfying the following conditions.
 - Windows XP is pre-installed
 - A CD-R/RW drive is built-in

REFERENCE

- You can add additional images to a CD-R/RW disk that has been written to previously.

1. Place a CD-R/RW disk in the drive.

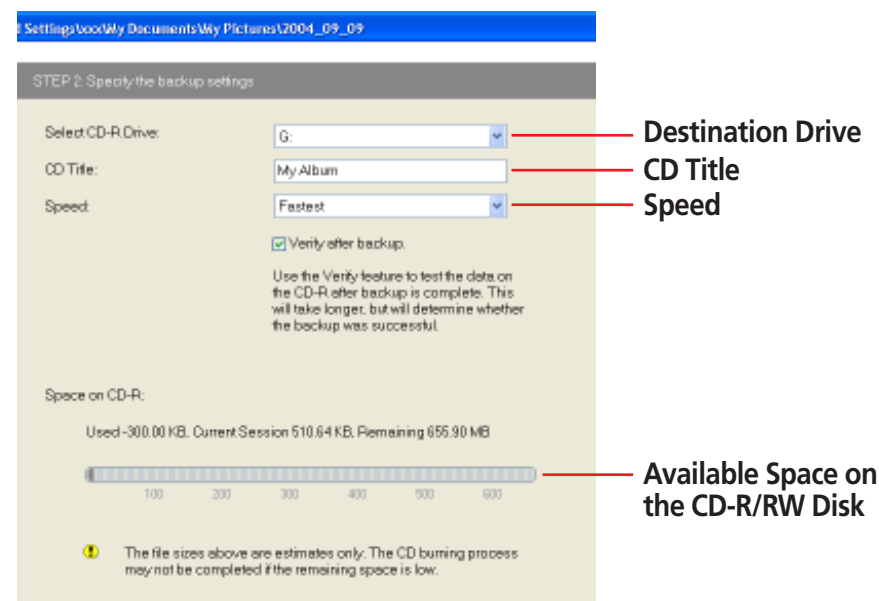
2. If a window like the one shown here appears, click [Cancel] and close the window.



3. Click [Export] in the ZoomBrowser EX Main Window, followed by [Backup to CD].

4. Click [1. Select Images] and select the folder or image in the Browser Area.

5. Click [2. Specify Backup Settings], select the destination CD-R/RW drive and input a CD title.



6. Click [3. Start Backup].
This will copy the images to the CD-R/RW disk.
The disk will be ejected from the drive when copying is complete.

REFERENCE

- You can also save images to a CD by clicking the [File] menu and selecting [Backup to CD].

The following is a list of file formats supported by ZoomBrowser EX.

Readable files

ZoomBrowser EX can read the following file formats.

■ JPEG files (.JPG)

Most cameras use this file format. It compresses at very high ratios, taking advantage of the characteristics of the human eye. However, because it is an irreversible compression method (part of the data is lost during compression), if you process and save an image repeatedly using this method, the image may become rougher.

■ RAW files (.CRW)

This format is a proprietary file format provided by Canon. It saves the output of the image pixels from a digital camera without any deterioration in the quality of the image. Some cameras might not support this file format.

■ Windows bitmap files (.BMP)

This format comes standard with Windows. Most Windows programs support it.

■ TIFF files (.TIF)

This is a relatively popular format. It is widely supported by non-Windows programs (such as Macintosh).

■ PhotoCD files (.PCD)

This is the format used by Photo CDs.

■ Video clip files (.AVI)

Standard Windows movie file format. The movie thumbnail and a movie icon show in ZoomBrowser EX's Browser Area.

■ QuickTime files (.MOV)

This is a movie file format. The file appears as a movie mark in the Browsing Area of ZoomBrowser EX.

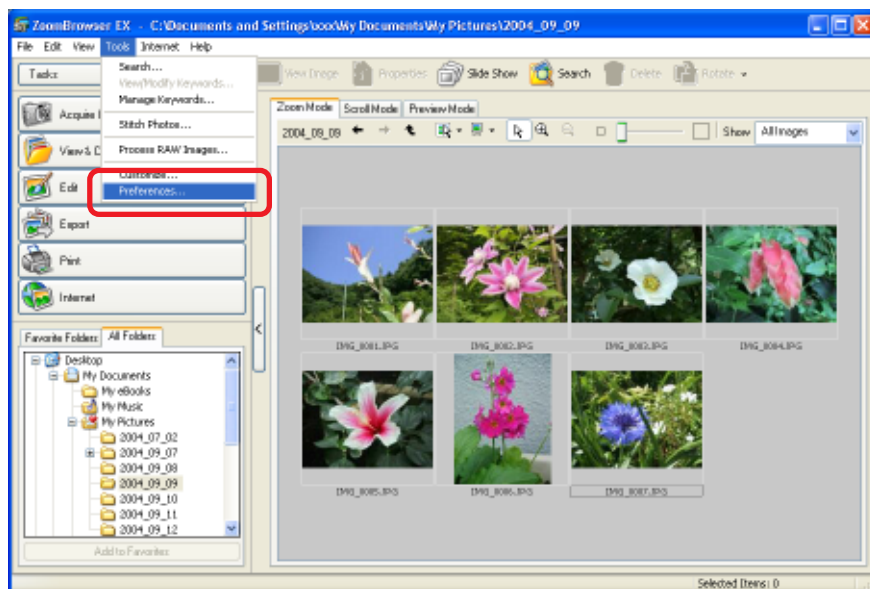
ZoomBrowser EX provides a variety of preference settings that you can customize to make the program work the way you like. This section introduces some of the major preference settings you can change.

REFERENCE

- ZoomBrowser EX offers a wide variety of preference settings that you can customize. Therefore, before you modify an option, access Help from the [Help] menu or [Help] button to see a description of the option.

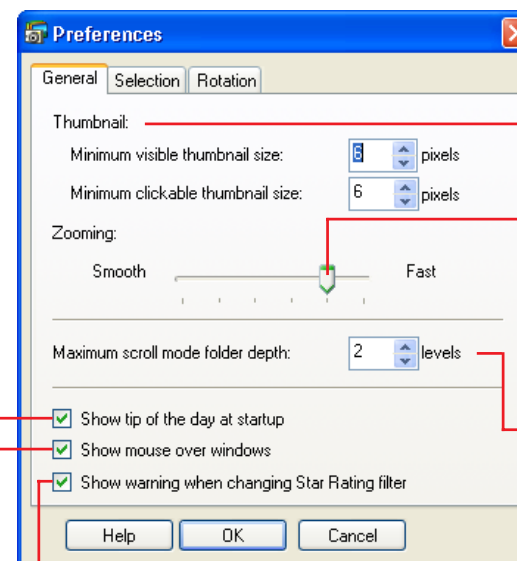
Opening the Preferences dialog box

Click the [Tools] menu and select [Preferences] to open the Preferences dialog. To change a setting, click the appropriate tab in this window.



General Tab

This tab sets the way the tiny version of the images (thumbnail) is handled in the Browser Area, turns the thumbnail display magnification on/off, and sets the zoom behavior.



Sets the thumbnail settings for the Browsing Area.

This group box controls the way the zoom operations react in the Browsing Area (Moving the slider to the right increases the image display speed).

Sets the depth of folder (level in the hierarchy) that will display in the Scroll mode. The default setting is 2.

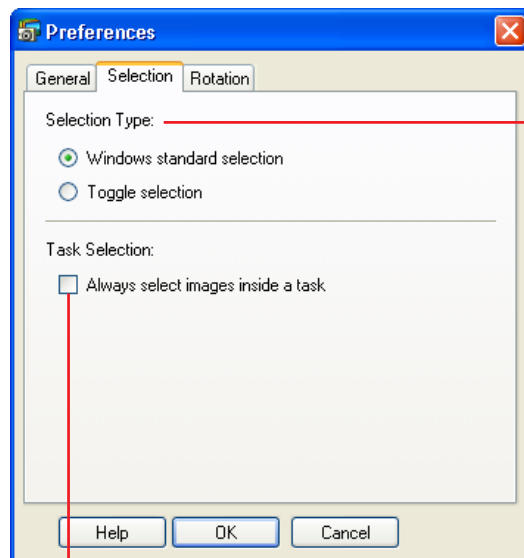
To change the displayed Star Rating, place a check mark here to have a confirmation message display.

Place a check mark here to have a magnified display of a thumbnail appear in a pop-up window when the mouse pointer is positioned over a folder or image.

Place a check mark here to display tips when ZoomBrowser EX starts up.

Selection Tab

This tab sets the image selection methods and the image selection steps used with the task buttons.



Sets the image selection method.

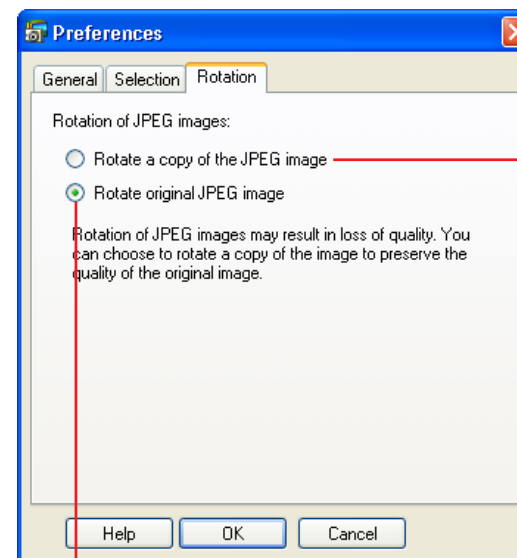
Remove this check mark to streamline the image selection steps when a task button is used.

REFERENCE

- If Toggle Selection is selected, clicking an image selects it. To deselect it, click it again. You can select multiple images by clicking on more images in succession.

Rotate Tab

This tab sets the rotation settings.

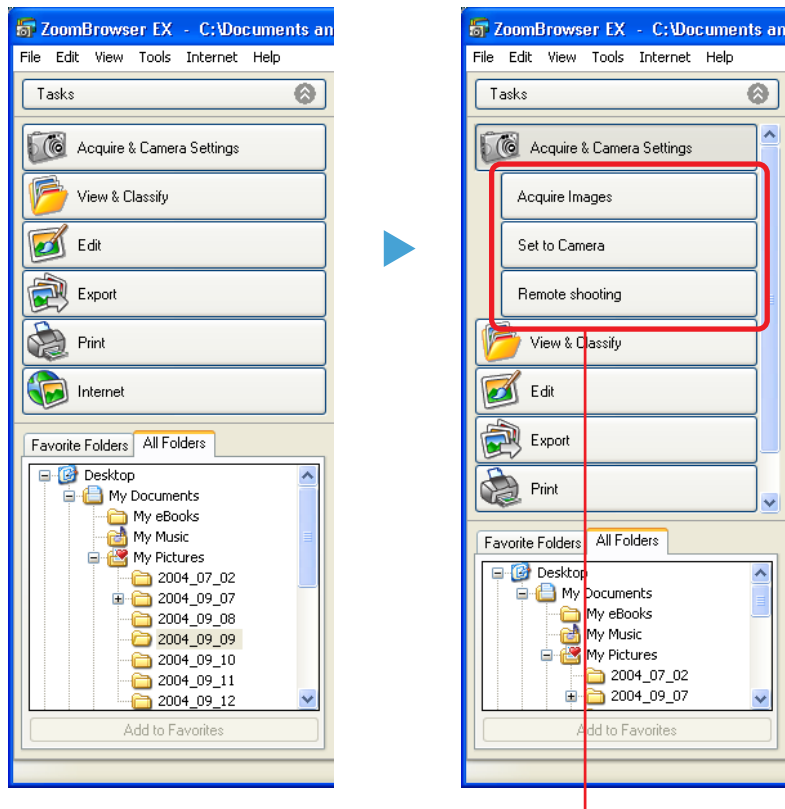


Place a check mark here to have the original image rotated as well when a JPEG image is rotated in the Browsing Area.

Place a check here to have the original image left untouched and the rotation applied to a copy when a JPEG image is rotated.

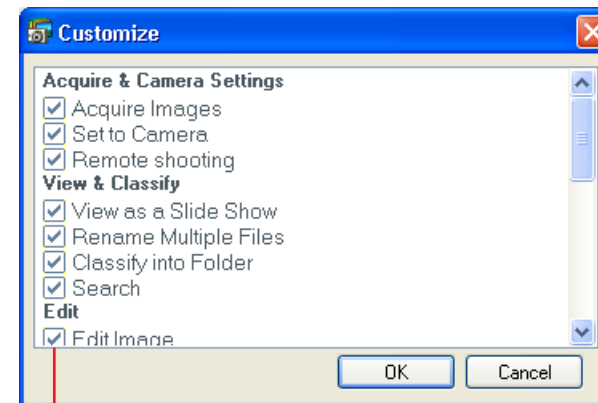
Customizing Menus

Sets whether options are shown or hidden on the menus opened by clicking task buttons in the Main Window.



Sets the categories displayed in this menu.

Click the [Tools] menu and select [Customize] to open a window like the one shown below.
Use this window to set the categories to display and click [OK].



Remove the check mark from the menu items you wish to hide.

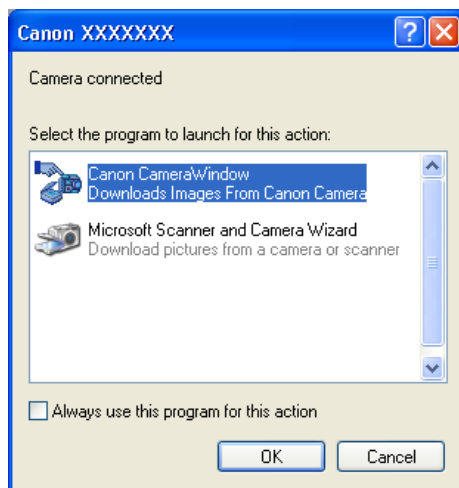
REFERENCE

- Use this function to hide items not used on a daily basis to streamline the menus or to shorten the menus so that scrolling is not required.

This section explains how to troubleshoot problems.

The event dialog box does not appear

The dialog below fails to appear even though the camera is correctly connected to the computer via the interface cable and ready to transfer data...



Camera Not Detected or Recognized

- A message such as “No camera was found” displays when you attempt to download images from the camera.
- Even though [Canon CameraWindow] is selected in the Events dialog, the Camera Control Window fails to open when the camera and computer are connected with the interface cable and set to the correct communication mode.

In either case, confirm the status of each of the following items in order.

IMPORTANT

- With some versions of Windows, this dialog may not appear the very first time the camera is connected to the computer after it is booted up. (It will display subsequently.)
In that case, click the [Start] menu and select [Programs] or [All Programs], followed by [Canon Utilities], [CameraWindow] and [CameraWindow].

■ Check your Computer

Ensure that your computer meets the following requirements. ZoomBrowser EX will not operate on computers failing to meet these requirements.

- Built-in USB ports on a computer pre-installed with Windows XP (including Service Pack 1)/Windows 2000 Service Pack 4 only/Windows Me/Windows 98 SE only.

■ Check the Connection between the Camera and Computer

Confirm that the camera is correctly attached to the computer with an interface cable. See your *Camera User Guide* for connection information.

■ Check the Camera Status

Confirm that the camera is on and in the correct mode to transfer data. Please see your *Camera User Guide* since the methods for setting the camera and computer to the communication mode vary between camera models. (With some models, you must set the camera to the Playback mode, *etcetera*, to establish a connection to a computer.)

■ Check the battery

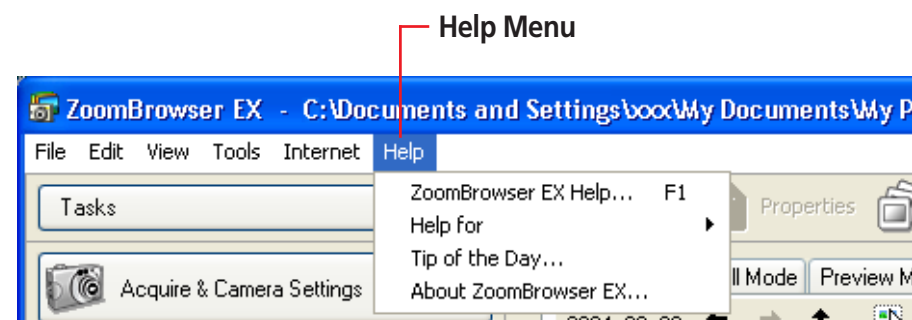
You are recommended to use a household power source (AC adapter) for the camera when connecting it to the computer. If the camera is running on batteries, ensure they are fully charged.

If the problem does not rest in the four areas above, the driver may not be properly installed. Uninstall the driver and then reinstall it. For instructions for this task, refer to the *Software Starter Guide*.

How to Get Help

ZoomBrowser EX comes with a Help file. Use it when you want to learn how to do an operation, or when you want to know about the features of the program.

You can access Help from the [Help] menu or the [?] (Help) button.



Help Button

If You Were Using ZoomBrowser EX Version 2 or 3

■ Images Were Assigned Titles or Comments

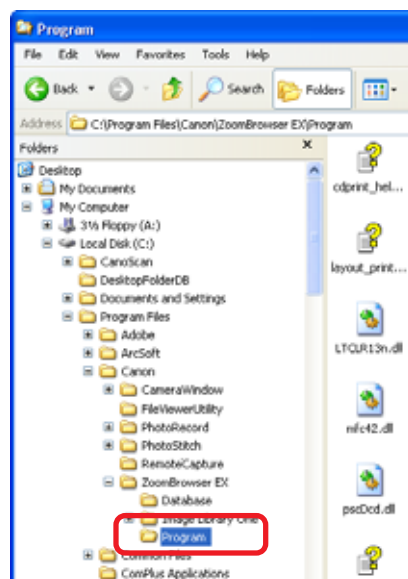
Use the following procedures to display titles and comments previously input in ZoomBrowser EX Ver. 2/3.

1. Start Windows Explorer by clicking the [Start] menu and selecting [All Programs], followed by [Accessories] and [Windows Explorer].

(With Windows 2000/Windows Me/Windows 98 SE, right-click the [My Computer] icon and select [Explore] from the popup menu.)

2. Open the [Program] folder inside the folder into which ZoomBrowser EX 5 was installed.

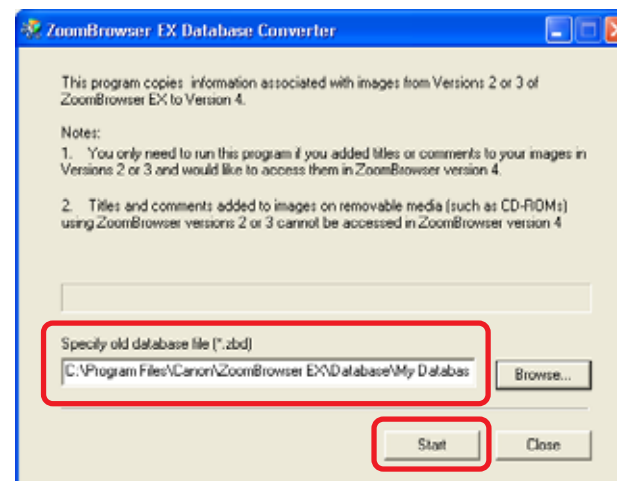
For example, open the folder to the right if the following path is correct: [C:\Program Files\Canon\ZoomBrowser EX\Program].



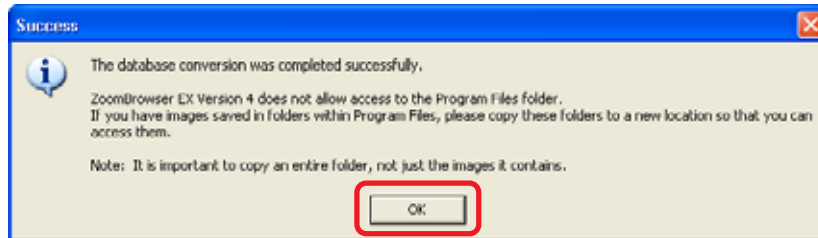
3. Double-click the [dbconverter.exe] or [dbconverter] file in that folder.



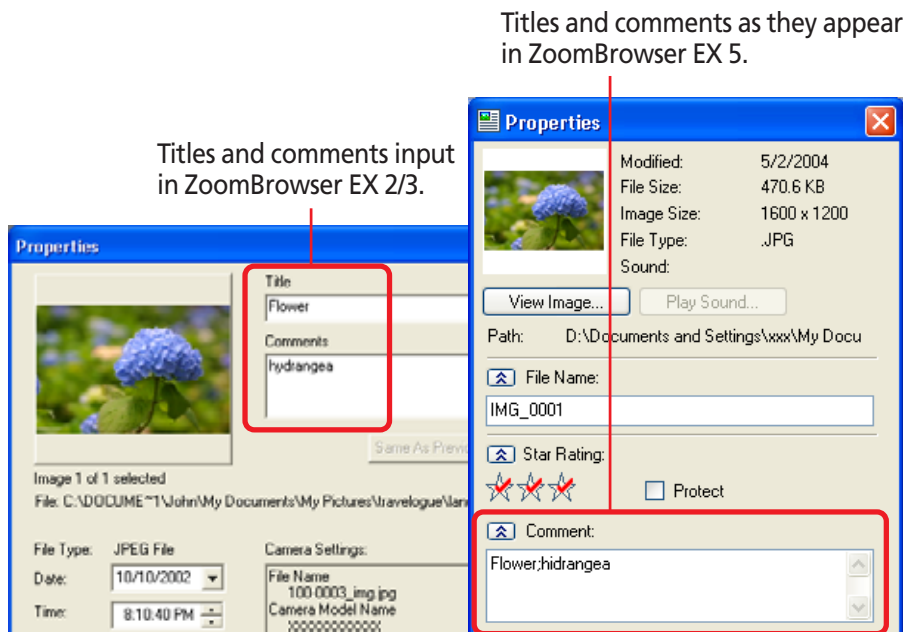
4. Select the database file that was used with the previous version of the program and click [Start].
For example, select the following database file if it was used previously: [C:\Program Files\Canon\ZoomBrowser EX\Database\My Database.zbd].



5. Click [OK] if the following dialog appears.



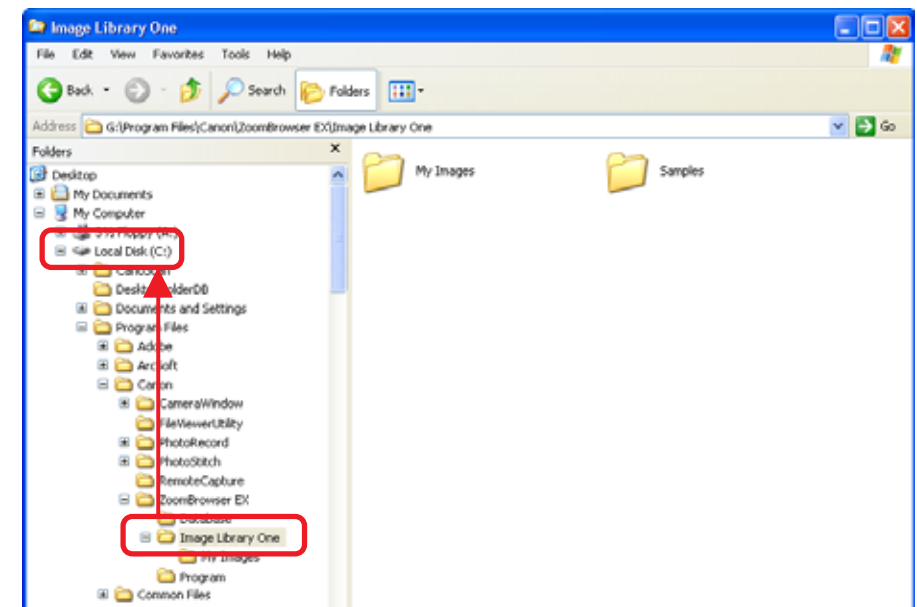
6. Click [Close] when the dialog in Step 4 appears. This will display in ZoomBrowser EX 5 the titles and comments input in version 2 or 3. The titles and comments will appear together in the Comments section of ZoomBrowser EX 5.



■ Image Files Were Saved Below the Program Files Folder in a Previous Version

In ZoomBrowser EX 5, image files in folders within the Program Files folder will not display. To display these images, perform the procedures below after you have followed steps 1-6 on the previous page.

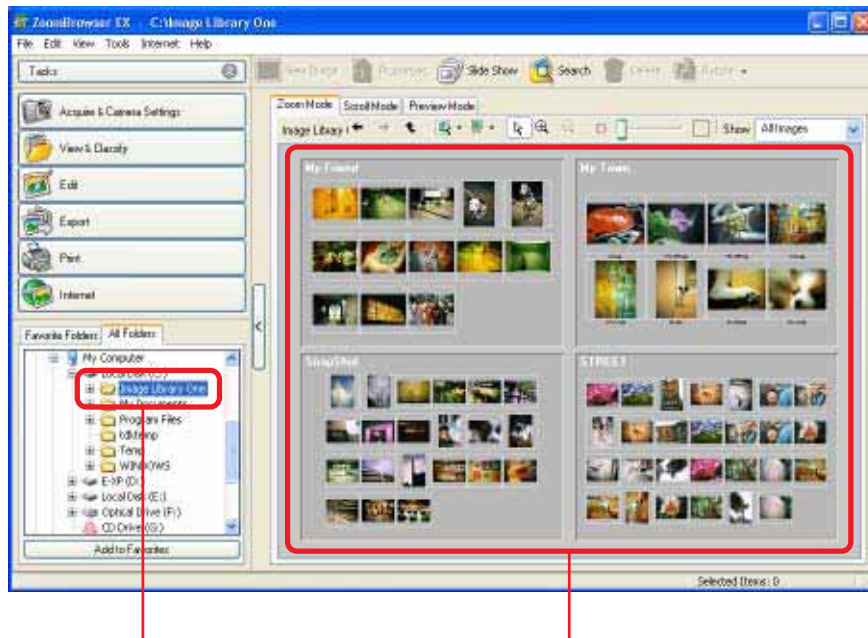
1. Use Windows Explorer to copy the image folders within the Program Files folder and paste them in another folder higher in the directory hierarchy. For example, if a folder called the [Image Library One] folder is in the Program Files folder, move it to a higher location, such as the [C:] drive.



IMPORTANT

- Do not copy just the images from within the folder, copy the folder itself to a location higher in the directory hierarchy.

When you select the copied folder in ZoomBrowser EX 4, the images will now display.



Click the copied folder to display its images in the Browsing Area.

A

Adobe RGB color space 19
Auto Download Settings 26

B

Brightness 90
Browser Area 50
Buttons
 Acquire & Camera Settings 7
 Back 9
 Delete 9
 Edit 7
 Export 7
 Forward 9
 Function Buttons 9
 Gray Buttons 8
 Grayed Out Buttons 8
 Help 123
 Internet 7
 Orange Button 8
 Print 7
 Properties 9
 Return to Main Menu 8
 Rotate 9
 Search 9
 Slide Show 9
 Task Buttons 7
 Up 9, 56
 View & Classify 7
 View Images 9
 Zoom In 10
 Zoom Out 10

C

Camera Browser Window 30, 32, 33
 Opening 30
Camera Control Window 5, 13, 25
Camera Settings 44
 Changing 44
 Checking 44
Changing
 Display Mode 52
 Displayed Folder 55
 Thumbnail Display Size 59
Classifying Images 72
Close Box 18, 24
Comments 84, 85
Contrast 90
Copying Images 78
 to the Camera 45
Crop 88, 91
Customizing Menus 121

D

Deleting
 Camera Images 32
 Images 81
Deselecting
 All Images 67
 an Image 67
Destination for Downloaded Images 31
Display Control Panel 9
 Back Button 9
 Display Size 10
 Filter Images 10
 Forward Button 9

Selection Menu 9
Selection Tool 10
Show/Hide Image Information Menu 10
Up Button 9
Zoom In Button 10
Zoom Out Button 10
Display Magnification 60
 Viewer Window 64
Display Mode 9, 52
 Changing 52
 Preview Mode 54
 Scroll Mode 53
 Zoom Mode 52
Displaying
 Images 63
 Multiple Images 65
Downloading Images
 to a Computer 15
DPOF 42
 Print Settings 42

E

E-mail 94
Editing
 Images 88
 with External Image Editor 93
 Sounds 102
Events Dialog 12, 122
Exif 2.2 (Exif Print) 24
Export 96
Exporting Images 96

F

- Favorite Folders 50
 - Deregistering 51
 - Registering 51
- Folder
 - Creating 86
 - Favorite 50
 - Refreshing 87
 - Selecting 50
- Folder Area
 - Hiding the Folder Area 61
- Format 118
- Full Screen Display 64
- Function Buttons 9
 - Delete Button 9
 - Properties Button 9
 - Rotate Button 9
 - Search Button 9
 - Slide Show Button 9
 - View Images Button 9

H

- Help 123
- Hiding the Folder Area 61
- Hiding the Task Area 61
- Higher Level in the Folder Hierarchy 56
- Histogram 85

I

- Image Correction 88, 90
- Images
 - Adding Sounds 101
 - Classifying 72
 - Copying 78
 - Copying to the Camera 45

- Deleting 81
- Deselecting 67
- Deselecting All 67
- Destination for Download 31
- Displaying Multiple 65
- Downloading to a Computer 15
- Editing 88
 - Redo 89, 90
 - Undo 89, 90
 - Undo All 89, 90
- Opening 63
- Properties 84, 85
- Renaming 73
- Rotating 83
- Searching 75, 76
- Selecting 67
- Selecting All 67
- Selecting Multiple 67
- Selecting Single 67
- Synchronizing Multiple 65
- Viewing 63
- Index Print
 - DPOF 42, 43
- Information Shown with Thumbnails 58

J

- JPEG Format 118

K

- Keywords 70

M

- Main Window 5
 - Display Magnification 60
- Menu
 - Customizing 121

- Movies 104
 - Editing 105
 - Exporting 109
 - Playing 104
- Moving Images 77
- My Camera Settings 34
 - Creating files 38
 - Saving to the Camera 40
- My Camera Sound 102
- My Camera Sound Maker 102
- My Camera Window 34, 35

N

- Navigator Window 64
- New Folder 86

O

- Opening Images 63
- Owner's Name 44

P

- PhotoCD format 118
- PhotoRecord 20
- PhotoStitch 116
- Play Sound 101
- Pop-Up Window 62
- Preferences 119
- Preview Mode 54
- Print Settings
 - DPOF 42
- Print/Share Button 14
- Printing 19, 20, 21, 22, 23, 24
- Properties Window 84

Q

- QuickTime Format 118

R

- RAW Format 118
 - Converting 111
- RAW Images 66, 111
- Recording Sounds 102
- Red Eye Correction 88, 89
- Redo 89, 90
- Registering a Folder as a Favorite Folder 51
- Remote Shooting 46
 - Interval Timer Shooting 48
 - RemoteCapture Task Window 47
 - Timer Shooting 48
- Renaming Images 73
- RGB (Red, Green, Blue) Highlights and Shadows 90
- Right-Click 6
- Rotating
 - Images 83

S

- Saturation 90
- Save As 92
- Saving Images
 - CD-R/RW 117
 - Save As 92
- Screen Saver 96, 98
- Scroll Mode 53
- Selecting
 - a Single Image 67
 - All Images 67
 - Folders 50
 - Images 67
 - Multiple Images 67

- Shooting Information 84
- Slide Show
 - Camera 41
 - Computer 99
- Sorting Thumbnails 59
- Sounds 101
 - File Length 38
 - Saving Sounds 103
- Split Screen 65
- Standard Print
 - DPOF 42, 43
- Star Rating 58, 68, 84, 85
- Starting ZoomBrowser EX 11
- Stitch Assist Mode 116
- Synchronizing Multiple Images 65

T

- Task Area 7
 - Hiding the Task Area 61
- Task Buttons 7
 - Acquire & Camera Settings 7
 - Edit 7
 - Export 7
 - Internet 7
 - Print 7
 - View & Classify 7
- Theme 36
- Thumbnails 52
 - Changing the Display Size 59
 - Information 58
 - Sorting 59
- TIFF Format 118

U

- Undo 89, 90
- Undo All 89, 90

V

- Video clip files 118
- Viewer Window 63, 64, 88
 - Display Magnification 64
 - Displaying Multiple Images 65
 - Full Screen Display 64
 - Synchronizing Multiple Images 65
- Viewing Images 63

W

- Wallpaper 96, 98
- Window
 - Camera Browser Window 30, 32, 33
 - Camera Control Window 5, 13, 25
 - Main Window 5, 18
 - My Camera Window 35
 - Navigator Window 60, 64
 - Pop-Up Window 62
 - Properties Window 84
 - RemoteCapture Task Window 47
 - Viewer Window 63, 64, 88
- Windows Bitmap Format 118

Z

- Zoom In/Out 57
- Zoom Mode 52
- ZoomBrowser EX
 - Close/Exit 18
 - Starting 11

ZoomBrowser EX Software User Guide

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