

Canon Utilities ImageBrowser 5.7

Canon

Software User Guide




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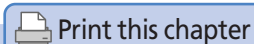
Clicking the  icon at the start of each topic prints out that topic.



Clicking this button prints the entire guide.



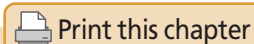
Clicking this button prints the entire chapter.



Chapter 1 What is ImageBrowser ?



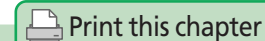
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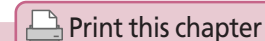
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Notations and Conventions

Symbol Usage

This guide uses the following symbols.

EXPLANATION



Information essential to operations, such as explanations of functions or terminology, follows this symbol.

PROCEDURES



Information about the steps to perform follows this symbol.

HINT



Operating tips and convenient ways of using the program follow this symbol. Read these topics as you see fit.

IMPORTANT

Points that you need to follow to perform the procedures and other important topics follow this symbol. Always read these topics.

REFERENCE

Supplementary explanations and procedures follow this symbol. Read these topics as you see fit.

NOTE

- This guide uses Mac OS X v10.3 screen shots and procedures in the explanations. The screen shots and procedures may vary slightly if you are using another version of the Mac OS.
- The displayed screens and procedures may also differ slightly from the examples depending upon the camera or printer model in use.

What Can ImageBrowser Do?

This section provides a brief explanation of the ImageBrowser features.

What You Can Do with a Camera Connected

- Download images from the camera to the computer.
- Download sound files that you record using the Sound Recorder feature (only on products supporting the Sound Recorder feature).
- Save computer images to the camera.
- Select images directly in the camera or memory card and print them.
- Operate the camera shutter remotely from the computer (only on models supporting remote shooting).
- Check and modify camera settings.
- Set the My Camera Settings (start-up image, start-up sound, operation sound, self-timer sound and shutter sound). (Only on models supporting My Camera Settings)

View Images

- Display the downloaded images and their shooting information.
- Switch between display modes (Preview, List and TimeTunnel)

Organize Images

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

Use the Additional Features

- Print images that have been downloaded to a computer.
- Edit images and movies.
- Stitch panoramic images.
- Convert RAW images to standard images (only available on some models).
- Extract stills from movies.
- Format images as screensaver and wallpaper files.
- Export image shooting information as a text file.

REFERENCE

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

Guide to the ImageBrowser Windows (1/2)

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

EXPLANATION



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. You can also select and print camera or memory card images directly and change camera settings from the computer.



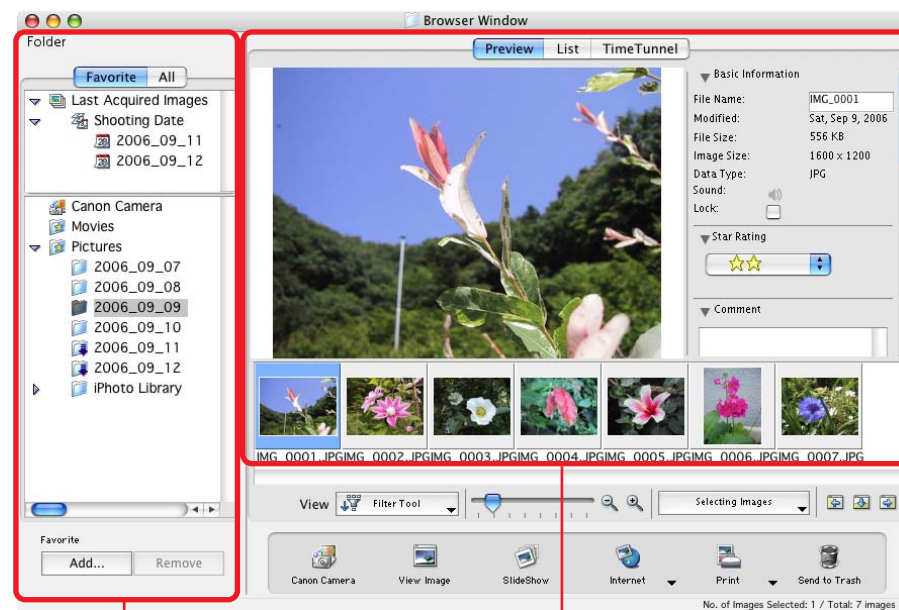
The displayed window may vary slightly for a wireless connection.

EXPLANATION



Browser Window

This window opens when you start ImageBrowser. The Browser Window is for displaying and organizing downloaded images.



Explorer Panel

Browser Area

Guide to the ImageBrowser Windows (2/2)

HINT

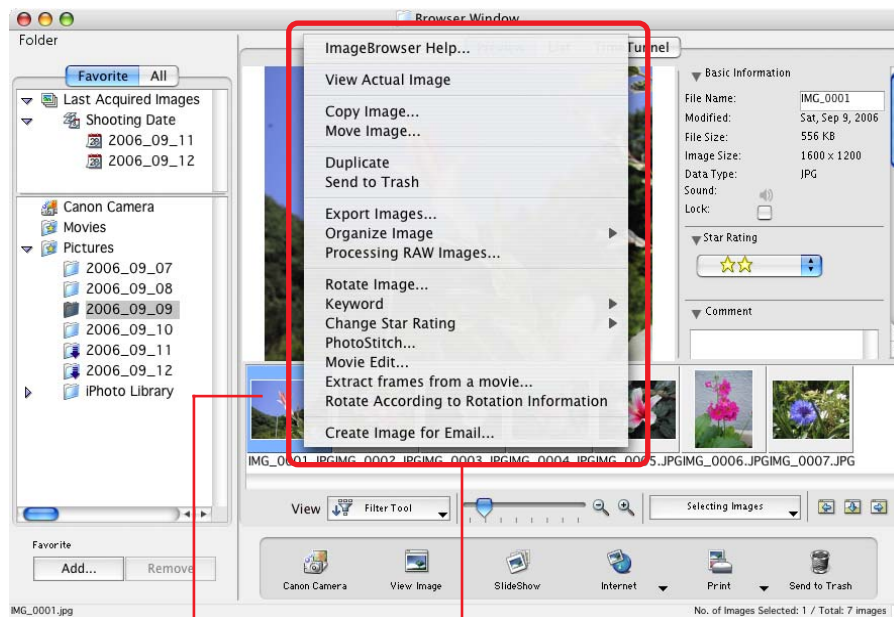


Using Contextual Menus

When you hold down the [control] key and click the mouse button, a menu is displayed. This is a contextual menu. In ImageBrowser, you can access many useful functions through contextual menus. For example, the following contextual menu appears when you press and hold the [control] key and click an image in the Browser Area.

A contextual menu is, as its name implies, a menu whose options vary according to the context. It is a collection of the most commonly used buttons and commands that apply to a given situation.

Contextual menus allow you to use ImageBrowser more efficiently. When you feel comfortable with ImageBrowser, try using the contextual menus in different situations.



Browser Area

Contextual menu



Downloading Images to a Computer (1/5)

This chapter explains a sequence of ImageBrowser 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 guides for the software supplied with your camera and install them.

EXPLANATION



Connecting the Camera to Download

This section describes two methods for downloading images shot with 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.

These methods are explained starting on the next page.

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.
- You can also download sound files to the computer that were recorded using the Sound Recorder feature. The downloading procedures are explained in Chapter 3 "Downloading Sound Files from the Camera."

Downloading Images to a Computer (2/5)

PROCEDURES



Using Camera Commands to Download Images

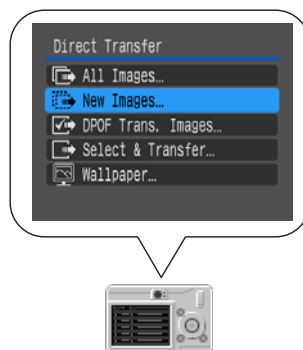
1. Set the camera to the playback mode with it connected to the computer.

Please see your *Camera User Guide* for information on how to connect the camera to a computer.

The Camera Control Window will open.

The displayed window may vary slightly for a wireless connection.

If your camera features a (Print/Share) button, it will blink and a Direct Transfer menu similar to the lower right one will appear on the camera's LCD monitor.



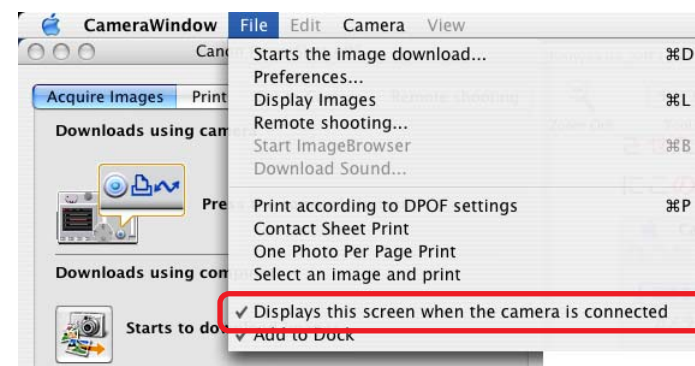
Camera Control Window

REFERENCE

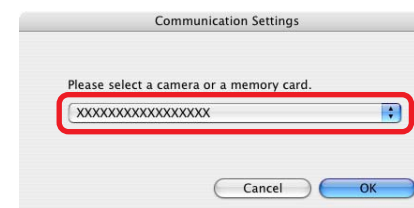
- If the Direct Transfer menu does not appear on the camera's LCD monitor, you cannot download images using camera procedures.
- The content on the LCD monitor and the method for displaying the Direct Transfer menu may differ between camera models.

REFERENCE


- Click the [CameraWindow] icon in the Dock (bar appearing at the bottom of the desktop) if the Camera Control Window does not display.
- If you do not wish the Camera Control Window to open automatically when you start up the camera, click the [File] menu and clear the check mark from the [Displays this screen when the camera is connected] option.



- If a dialog allowing you to select between a camera or memory card appears, select the desired device and click [OK].



Downloading Images to a Computer (3/5)

2. Use the camera to set the direct transfer settings and press the  (Print/Share) button or the **SET** button.

REFERENCE

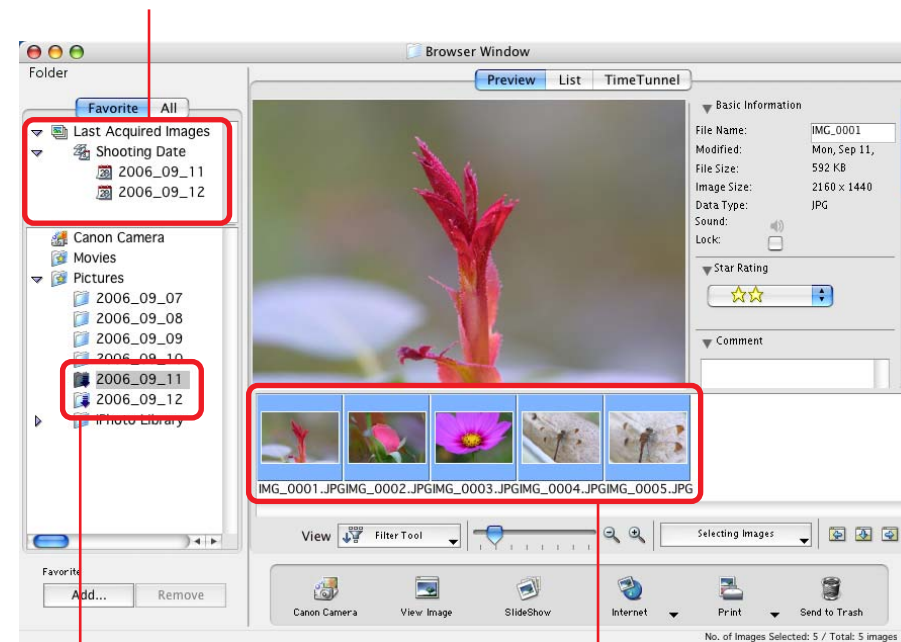
- See the user guides for your camera for explanations of the settings and commands related to the Direct Transfer menu that appears on the camera's LCD monitor.
- You can change the destination folder for images by clicking [Preferences] in the Camera Control Window that appears on the computer. See "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 [Pictures] folder.

The images will display in the Main Window when the download is complete.

The download mark will display on the folder(s) in which the images are downloaded.

They will also display in the [Last Acquired Images] area in the upper part of the Explorer Panel, arranged according to shooting dates.

Displays newly acquired images.
You can display the images arranged by their shooting dates. (This is a virtual folder)



Folders with newly acquired images display the symbol shown.

Downloaded Images

REFERENCE

- You can hide the download mark by clicking the [View] menu, selecting the [View Settings] submenu and clearing the check mark from [Show download folder mark].

Downloading Images to a Computer (4/5)

PROCEDURES



Using Computer Commands to Download Images

1. Set the camera to the playback mode with it connected to the computer.

Please see your *Camera User Guide* for information on how to connect the camera to a computer.

The Camera Control Window will open.

The displayed window may vary slightly for a wireless connection.



Camera Control Window with a Camera Connected

REFERENCE

- Click the [CameraWindow] icon in the Dock (bar appearing at the bottom of the desktop) if the Camera Control Window does not display.
- If you do not wish the Camera Control Window to open automatically when you start up the camera, click the [File] menu and clear the check mark from the [Displays this screen when the camera is connected] option.

REFERENCE

- If you are using a memory card reader, you can set it using the same procedures as with the camera to have the Camera Control Window open automatically. After you set the settings, the Camera Control Window will open automatically when you insert a memory card into the reader. The window appears slightly different from the camera version, but functions similarly.



Camera Control Window with a Memory Card Reader Connected

- Different windows from those shown here may appear for some camera models. In that case, please read the user guides provided with the software bundled with the camera.

Downloading Images to a Computer (5/5)

REFERENCE

- If a dialog allowing you to select between a camera or memory card reader appears, select the desired device and click [OK].



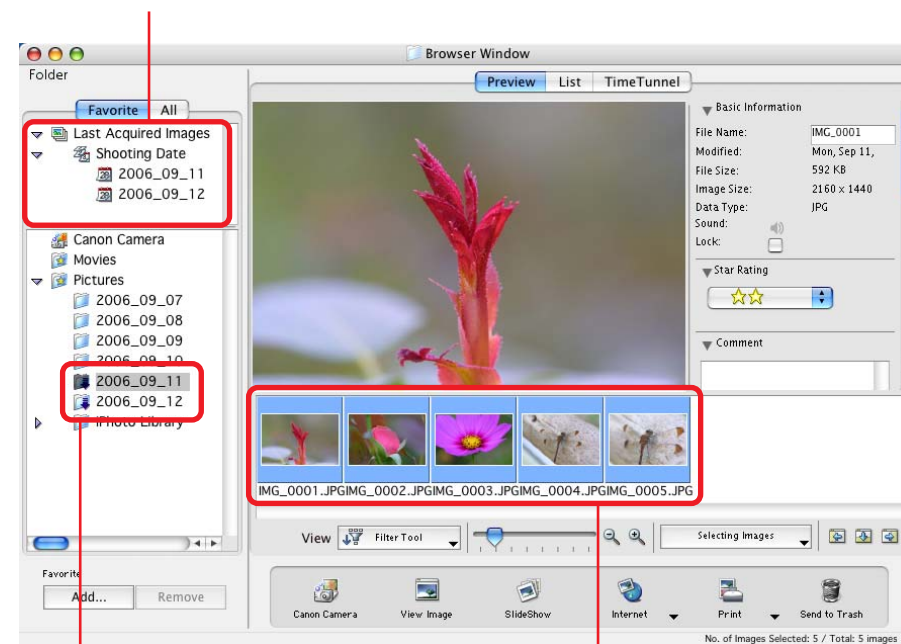
2. Click [Starts to download images].



All the images that have yet to be downloaded will start to download.

When downloading is complete, ImageBrowser's Browser Window will open and display the downloaded images. They will also display in the [Last Acquired Images] area in the upper part of the Explorer Panel, arranged according to shooting dates.

Displays newly acquired images.
You can display the images arranged by their shooting dates. (This is a virtual folder)



Folders with newly acquired images display the symbol shown.

Downloaded Images

Printing a Single Image on a Single Page (1/2)

This section explains how to print images downloaded to a computer. It describes the procedures for printing a single image on a single page. It is easy to print photo-quality prints.

REFERENCE

- The procedural explanation for printing indexes and the layout and print function are explained in the Chapter 6 topics, "Printing Indexes" and "Layout and Print."

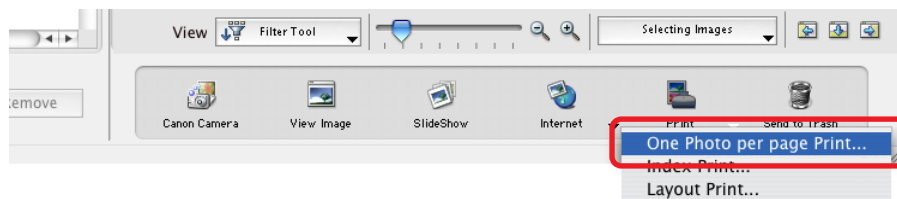
1. Click an image in the Browser Window to print.

A blue frame appears around the image.

REFERENCE

- You can select multiple images by pressing and holding the [shift] key or [⌘] (command) key while clicking on images. If you hold down the [option] and [shift] keys together and click on two images, you can select all the images between them.

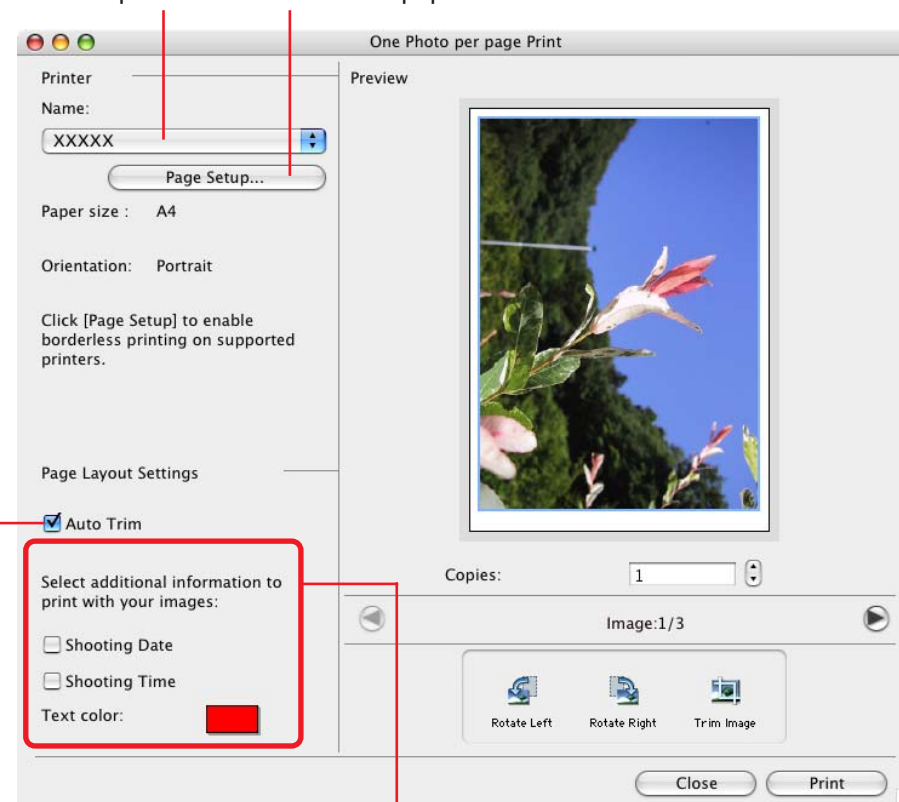
2. Click [Print] and select [One Photo per page Print] from the displayed menu.



3. Set the settings in the desired categories.

Selects a printer.

Selects the paper size and orientation.

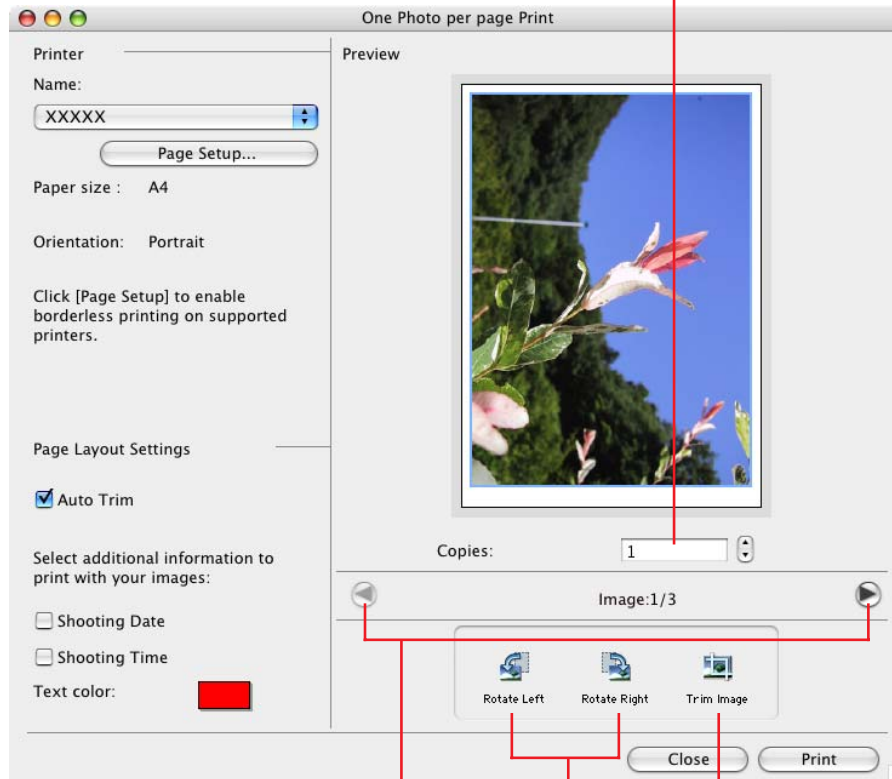


Sets the auto trim (crops image edges according to the page proportions) settings.

Sets the shooting date/time imprint and color settings.

Printing a Single Image on a Single Page (2/2)

Sets the number of print copies.

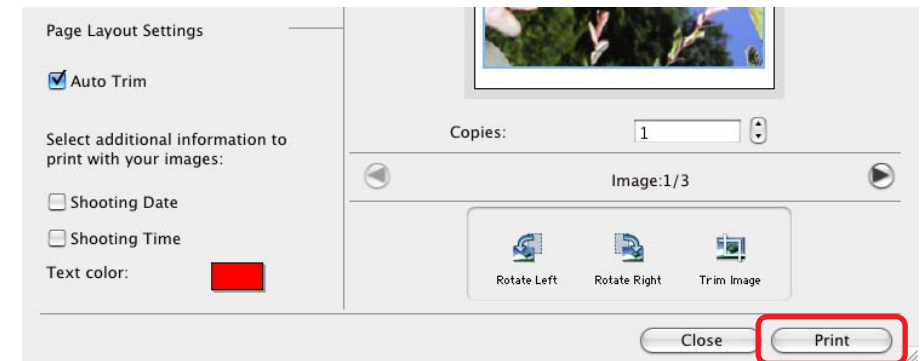


Click this button to switch between images if multiple images were selected.

Rotates images

Click this to use the trimming function (crops a portion of the image).

4. Click [Print].



5. If the Print dialog appears, click [Print]. Printing will start.

Camera Control Window (1/2)

This chapter explains the procedures performed with the Camera Control Window.

When you are using the camera's Direct Transfer function, the downloading procedures for camera images are explained here.

Selects a Camera Window function.

You can download all images at once using computer procedures.

Or you can check the images and then download them using computer procedures.



Sets the attributes and destination for images targeted for automatic downloading.

The Camera Control Window will close.*

* It will gray out if you are connected wirelessly.

PROCEDURES



Opening the Camera Control Window

■ Auto Start Settings Selected

When you connect the camera to the computer and prepare it for communication, the Camera Control Window will automatically open.

■ Auto Start Settings Not Selected

After the camera is connected, click the [CameraWindow] icon in the Dock (bar appearing at the bottom of the desktop) and the Camera Control Window will open.

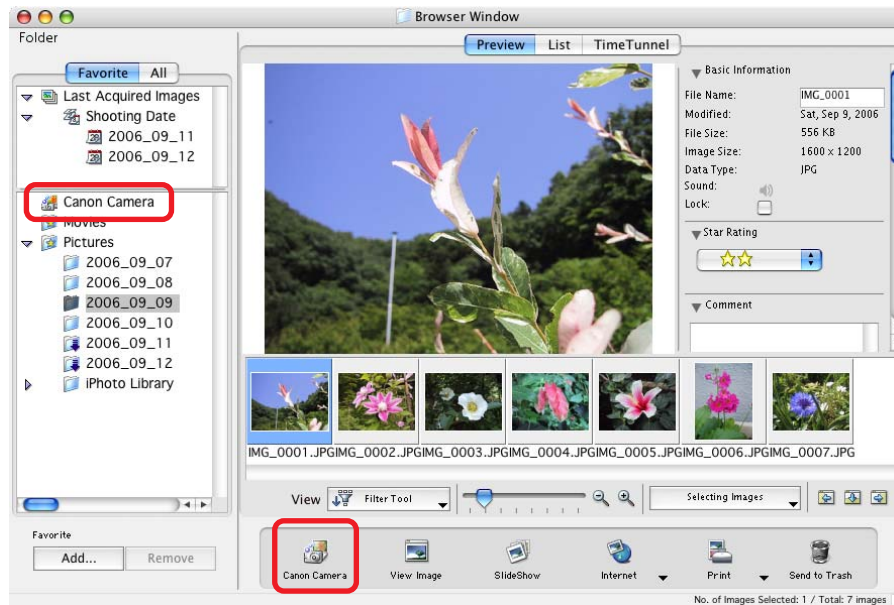


REFERENCE

- Depending on the selections you make during installation, the [CameraWindow] icon may not appear in the Dock. In this case, open the Camera Control Window by double-clicking the [Applications] folder, followed by the [Canon Utilities] and [CameraWindow] folders, and double-click the [CameraWindow] icon.

Camera Control Window (2/2)

To open the Camera Control Window from ImageBrowser's Browser Window, click [Canon Camera] in the Explorer Panel section or on the Control Panel.



PROCEDURES



Closing the Camera Control Window

Click [Quit] to close the Camera Control Window.



When the camera is connected wirelessly, the Camera Control Window will close when the connection is closed. See the user guides for your camera for instructions on closing a wireless connection.

Downloading Images Automatically—Camera Operations (1/2)

PROCEDURES



Starting Auto Downloading

1. Set the Direct Transfer settings on the camera, and start the direct transfer.

This will download images automatically to the computer.

REFERENCE

- See the user guides for your camera for explanations of the settings and commands related to the Direct Transfer menu that appears on the camera's LCD monitor.
- Sound files recorded using the Sound Recorder feature cannot be downloaded using the Direct Transfer feature. The downloading procedures are explained in "Downloading Sound Files from the Camera."

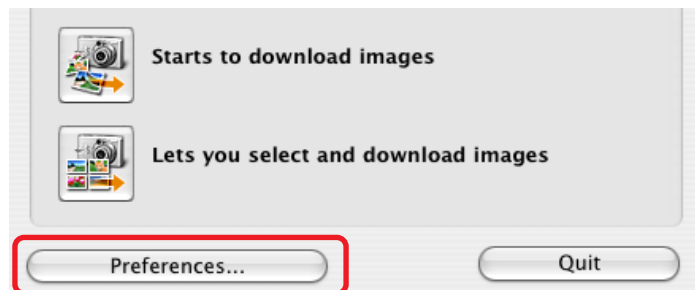
PROCEDURES



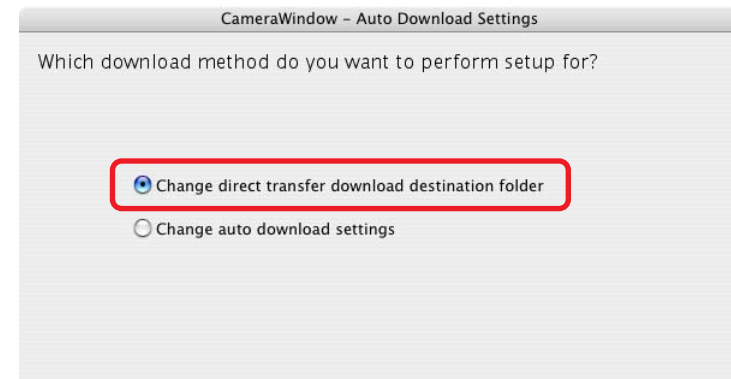
Changing the Auto Downloading Settings

Change the destination folder for images downloaded to the computer.

1. Click [Preferences].

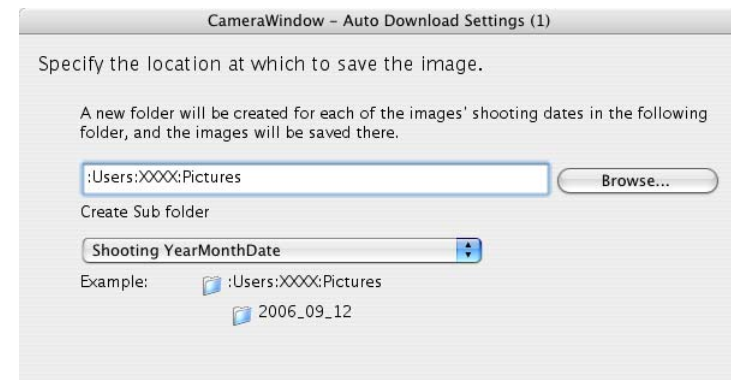


2. Select [Change direct transfer download destination folder] and click [Next].



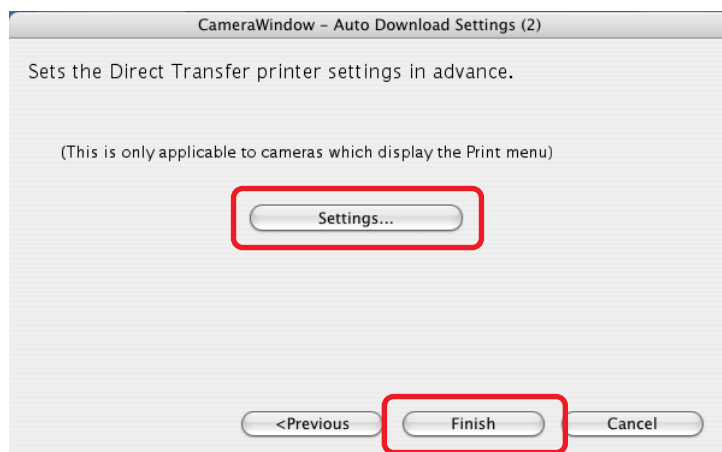
3. Select a destination folder for the downloaded images and set the new folder creation method for downloads, then click [Next].

Proceed to Step 5 if [Finished] displays.



Downloading Images Automatically—Camera Operations (2/2)

- 4** To connect a camera to a computer over a wireless connection to use [Print via a Computer], click [Settings] and configure the printer to be used, as well as other settings such as the paper size. Proceed directly to Step 5 if you are not using the [Print via a Computer] function over a wireless connection.



- 5** Click [Finish].
The settings have been configured.

REFERENCE

- The printer settings for printing via a computer can only be configured for a wireless connection. They cannot be configured when the camera is connected via an interface cable.
- See the user guides for your camera for explanations of the settings and commands related to the Direct Transfer menu.

Downloading Images Automatically—Computer Operations (1/3)

PROCEDURES



Starting Auto Downloading

1. Click [Starts to download images] in the Camera Control Window.

Under the default settings, all images not yet downloaded will automatically download to the computer.



REFERENCE

- Sound files recorded using the Sound Recorder feature cannot be downloaded using the Auto Download feature. The downloading procedures are explained in "Downloading Sound Files from the Camera."

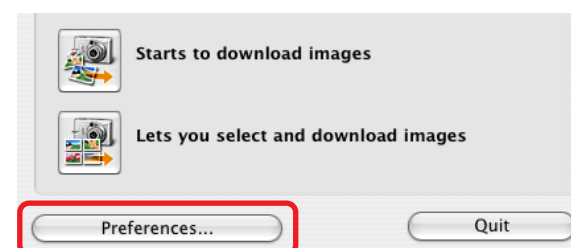
PROCEDURES



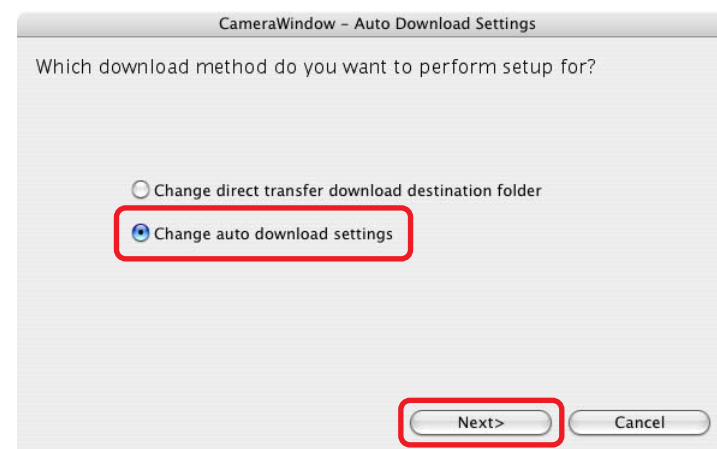
Changing the Auto Download Settings

Change the type of image to download or the destination folder.

1. Click [Preferences].

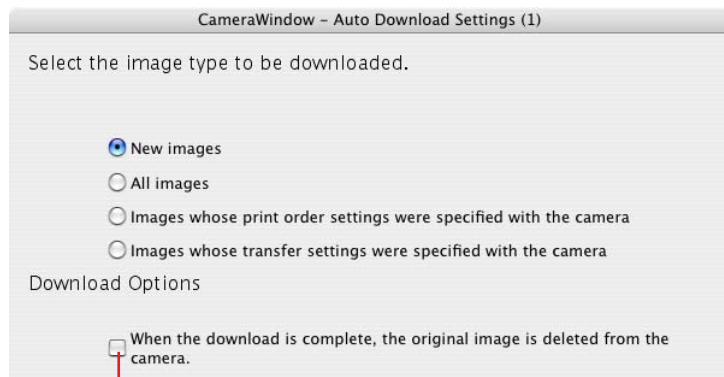


2. Select [Change auto download settings] and click [Next].



Downloading Images Automatically—Computer Operations (2/3)

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



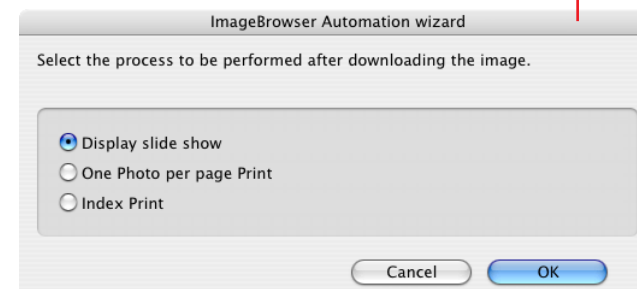
Place a check mark here if you wish the original image in the camera to be deleted after downloading.

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 ImageBrowser's Browser Window, select [Display the folder at the save destination]. To have a different process initiated, select [Perform selected processes consecutively] and select a process in the ImageBrowser Automation wizard window.



Downloading Images Automatically—Computer Operations (3/3)

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].

A check mark cannot be placed in this option if the camera is connected wirelessly.



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

REFERENCE

- ImageBrowser rotates images to match the camera display orientation. However, it does not alter the image data itself. If a rotated image is opened in a program that does not support rotated display, it will appear in its pre-rotation state. See “Customizing Preferences” in the Appendices for an explanation of how to alter the image data with rotation information so it downloads in the rotated orientation.

Checking Images in the Camera before Downloading (1/2)

PROCEDURES



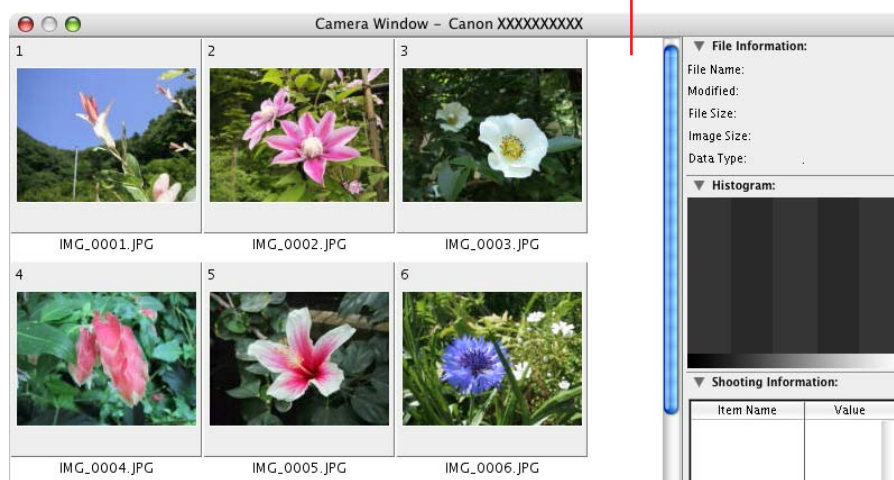
Selecting Images and Initiating the Download

1. Click [Lets you select and download images] in the Camera Control Window.



The Camera Browser Window will open and display the images contained in the camera.

Camera Browser Window

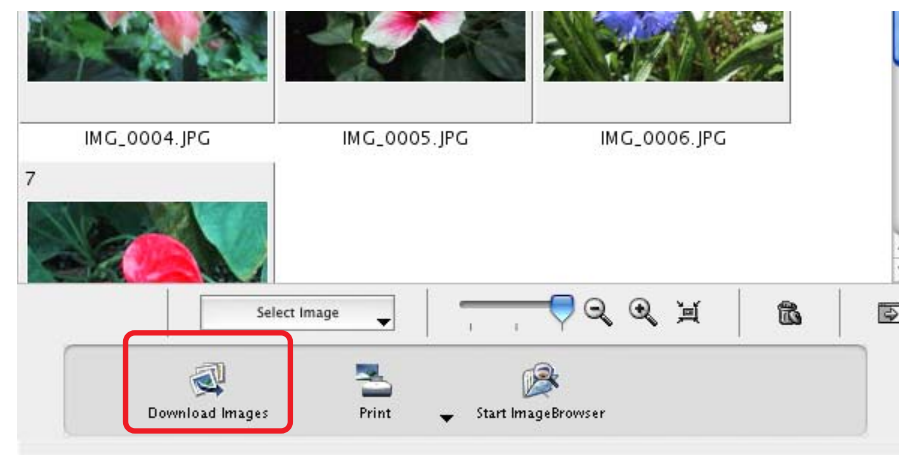


2. Select images for downloading in the Camera Browser Window.

The background color of the selected image will change to blue.

You can select multiple images by pressing and holding the [shift] key or [⌘] (command) key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [option] and [shift] keys together while clicking on the first and last images.

3. Click [Download Images].



Checking Images in the Camera before Downloading (2/2)

4. Confirm whether changes are required for the file destination or name.

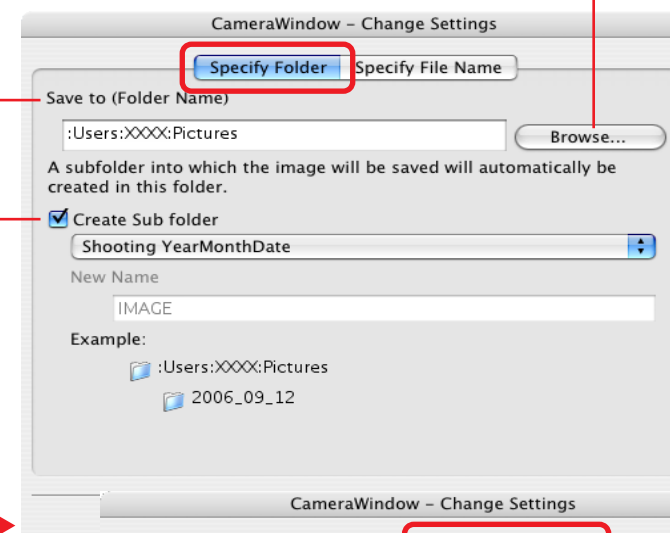
To make changes, click [Change Settings].



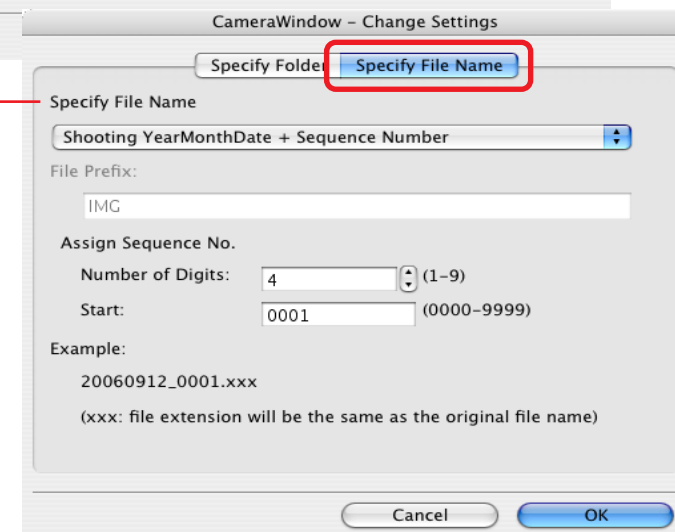
Specify a folder as the destination for downloaded images.

Set whether or not to create a subfolder and specify the name.

Click here to change the destination folder.



To change the file name, select the file prefix format and the consecutive numbering system.



5. Click [Start Download].

The image will be saved.


REFERENCE

- You can also download sound files to the computer that were recorded using the Sound Recorder feature. The downloading procedures are explained in "Downloading Sound Files from the Camera."

Deleting Images from the Camera

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

REFERENCE

- You cannot delete protected images (images bearing the  symbol).

1. Click [Lets you select and download images] in the Camera Control Window.



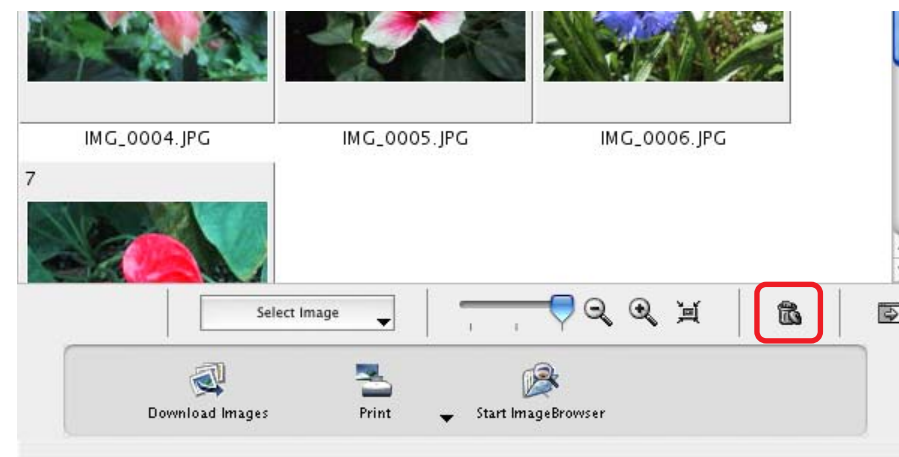
Camera Browser Window will open.

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

The background color of the selected image will change to blue.

You can select multiple images by pressing and holding the [shift] key or [⌘] (command) key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [option] and [shift] keys together while clicking on the first and last images.

3. Click  (Delete).



A confirmation dialog will display.

4. Click [Delete].
The image will be deleted.

Downloading Sound Files from the Camera (1/3)

This topic explains how to download sound files recorded with the camera's Sound Recorder feature to the computer.

IMPORTANT

- See your Camera User Guide to find out whether or not your camera supports the Sound Recorder feature.
- Sound files cannot be deleted using the Camera Browser Window.

REFERENCE

- Sound files recorded with the camera's Sound Recorder feature differ from the sounds attached to images. They are independent sound files (WAV type).

PROCEDURES



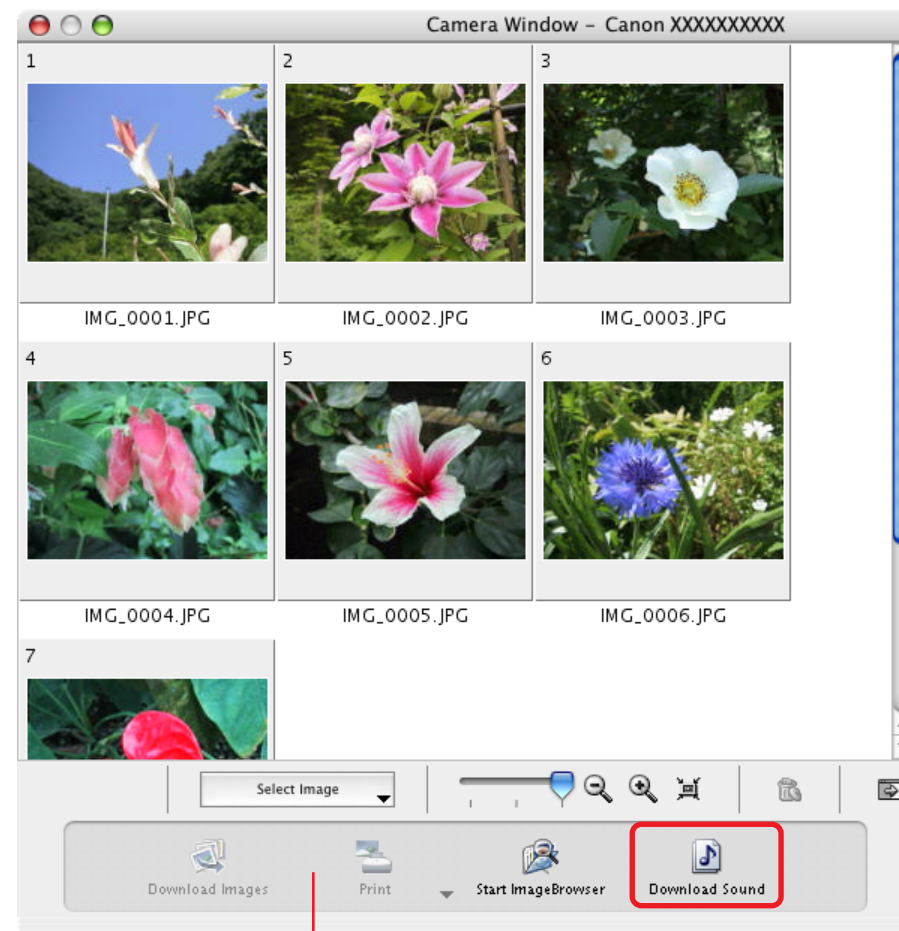
Initiating Downloading

1. Click [Lets you select and download images] in the Camera Control Window.



The Camera Browser Window will open. If sound files are contained in the camera or memory card, the [Download Sound] button will display.

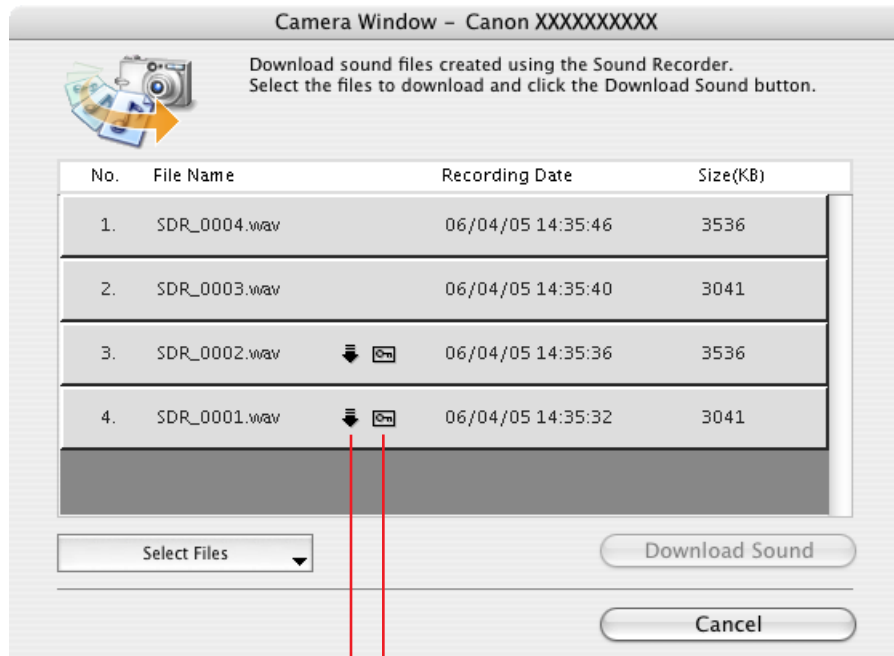
2. Click [Download Sound].



Camera Browser Window

Downloading Sound Files from the Camera (2/3)

A list of sound files will display.



This symbol appears if the file is protected.

This symbol appears if the file has been downloaded to the computer previously.

3. Select sound file(s) to download.

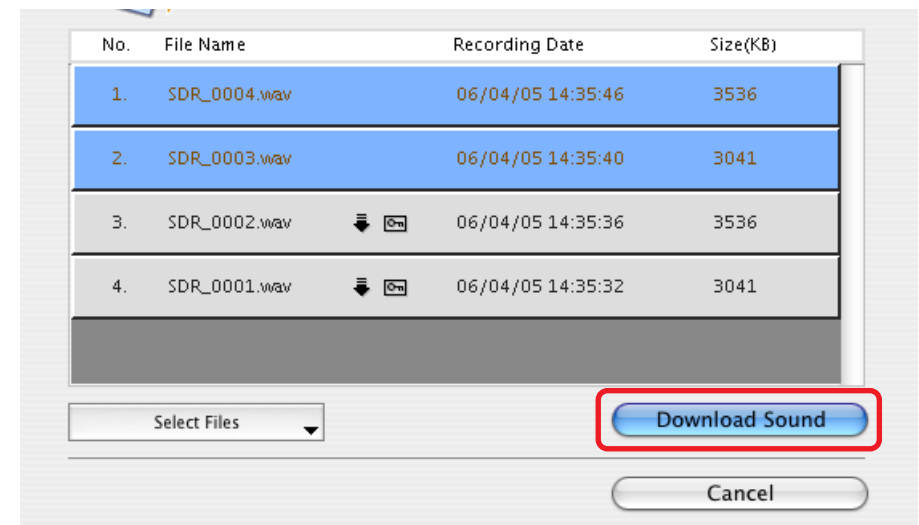
The selected files display in blue.

You can select multiple files by pressing and holding the [shift] or [⌘] (command) key while you click on successive files. If you hold down the [option] and [shift] keys together and click on two files, you can select all the files between them.

REFERENCE

- It is convenient to use the [Select Files] menu to select all the files, to deselect files, to select protected files or to select files that have not yet been downloaded.

4. Click [Download Sound].



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

Downloading Sound Files from the Camera (3/3)

5. Confirm whether changes are required for the file destination or name.

To make changes, click [Change Settings].

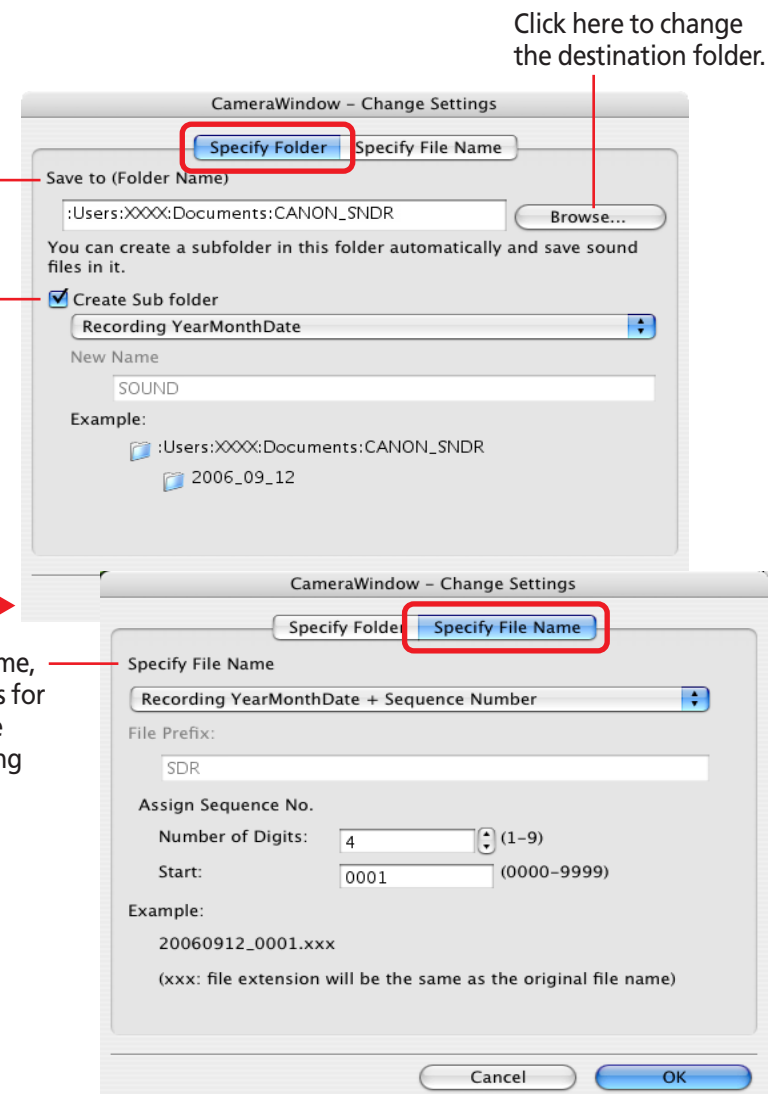


6. Click [Start Download].

The file(s) will download to the computer.

Specify a folder as the destination for downloaded files.

Set whether or not to create a subfolder and specify the name.



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

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 ImageBrowser's Browser Area or Explorer Panel section.

The screenshot shows the 'Camera Window - Canon XXXXXXXXXX' interface. It features a grid of image thumbnails (labeled 1 through 7) with filenames like IMG_0001.JPG. A sidebar on the right contains three sections: 'File Information' (showing file name, modified date, size, etc.), 'Histogram' (a bar chart), and 'Shooting Information' (a table of camera settings). A bottom toolbar includes icons for 'Select Image', 'Download Images', 'Print', 'Start ImageBrowser', and 'Download Sound'. Red lines and text boxes provide annotations for various features.

Image Information
(This will not display if you are using a memory card reader.)

Histogram

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

Selects the image selection method.

Prints the selected images.

Starts ImageBrowser.

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

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

Printing Images in the Camera (1/4)

This function allows you to select images directly from the camera or memory card and print them.

EXPLANATION



Four Printing Methods

There are four ways to print images from the camera as listed below.

■ Print All Images

Prints all images from the camera in the format of one image per page.

■ Print Contact Sheet of All Images

Prints all images from the camera in an index format (rows of images on one page).

■ Print according to DPOF settings

Prints according to the DPOF print settings set using the camera.

■ Select image and print

Displays a list of the images from the camera, allowing you to print them selectively.

PROCEDURES



Printing Procedures

1. Click the [Print] button in the Camera Control Window.

2. Click on one of the four printing methods.



A print settings window corresponding to the selected method will open. Procedures for the respective print settings windows are explained from the next page onward.

3. Set the print settings and click [Print].
Printing will start.

Printing Images in the Camera (2/4)

PROCEDURES



Print All Images

The following print settings window will open if you selected [Print All Images].

PROCEDURES



Print According to DPOF Settings—Standard

A print settings window similar to the following will open if you select [Print According to DPOF Settings] and the standard option for DPOF print settings has been set using the camera.

Selects a printer. Selects the paper size and orientation.

One Photo per page Print

Printer Name: XXXXX

Page Setup...

Paper size: A4

Orientation: Portrait

Click [Page Setup] to enable borderless printing on supported printers.

Page Layout Settings

☒ Auto Trim

Select additional information to print with your images:

☐ Shooting Date

☐ Shooting Time

Text color: [Red]

Preview

Copies: 1

Image: 1/7

Rotate Left Rotate Right Trim Image

Close Print

Sets the auto trim (crops image edges according to the page proportions) settings.

Sets the shooting date/time imprint and color settings.

Rotates images.

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

Sets the number of print copies.

Click this to use the trimming function (crops a portion of the image).

Printing Images in the Camera (3/4)

PROCEDURES



Print Contact Sheet of All Images

A print settings window similar to the following will open if you select [Print Contact Sheet of All Images].

PROCEDURES



Print According to DPOF Settings—Index

A print settings window similar to the following will open if you select [Print According to DPOF Settings] and the index option for DPOF print settings has been set using the camera.

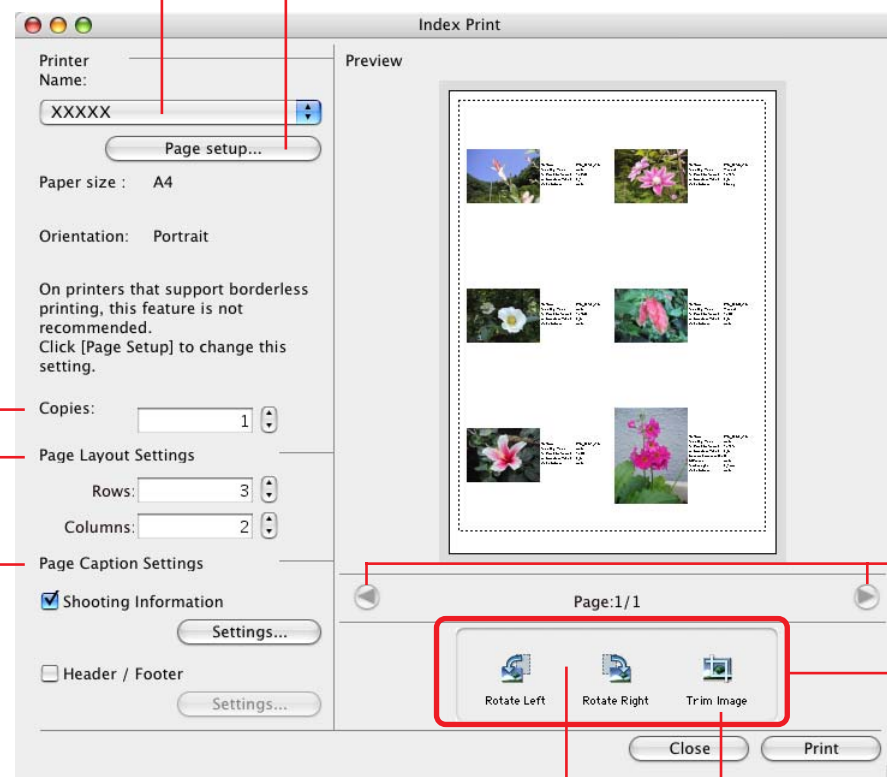
Selects a printer.

Selects the paper size and orientation.

Sets the number of print copies.

Sets the number of rows and columns.

Sets the printing settings for shooting information, comments, headers, footers and page numbers.



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

The functions in this area are available while any one of the images displayed below is selected.

Rotates images.

Click this to use the trimming function (crops a portion of the image).

Printing Images in the Camera (4/4)

PROCEDURES



Select image and print

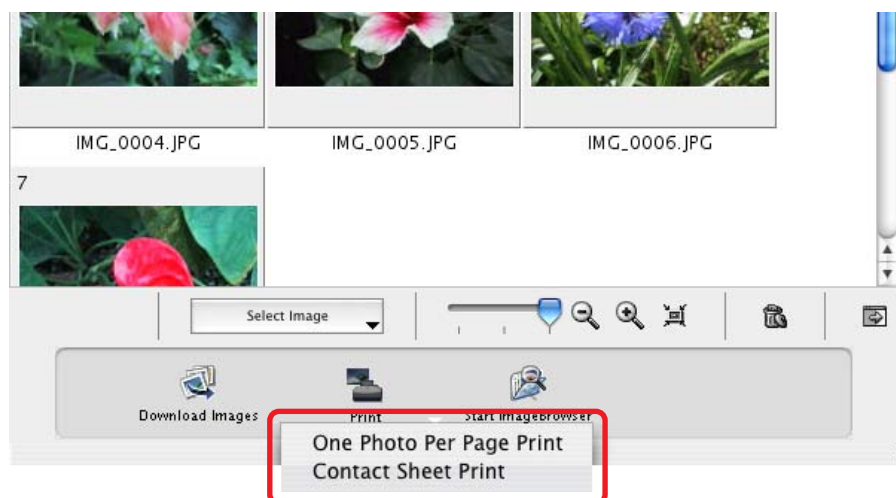
The Camera Browser Window will open and display the camera images in a chart if you select [Select image and print].

1. Select images for printing from the Camera Browser Window.

The background color of the selected image will change to blue.

You can select multiple images by pressing and holding the [shift] key or [⌘] (command) key while clicking on images. If you hold down the [option] and [shift] keys together and click on two images, you can select all the images between them.

2. Click [Print] and select [One Photo Per Page Print] or [Contact Sheet Print] from the menu.



The print settings window will open. See two pages back for printing one photo per page. See the previous page for printing an index.

Saving the “My Camera Settings” to the Camera (1/8)

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

IMPORTANT

- Please see the *Camera User Guide* for your model to determine whether or not it supports the *My Camera* function.
- To save the *My Camera Settings* to the camera, ensure that the software supplied with the camera is installed on the computer.

EXPLANATION



What are the My Camera settings?

The start-up image for the camera and sounds such as the start-up sound, the shutter sound, operation sound 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.

PROCEDURES



Displaying the My Camera window

Display the existing My Camera Settings supplied with ImageBrowser.

1. Click the [Set to Camera] tab in the Camera Control Window.
2. Click [Set My Camera].

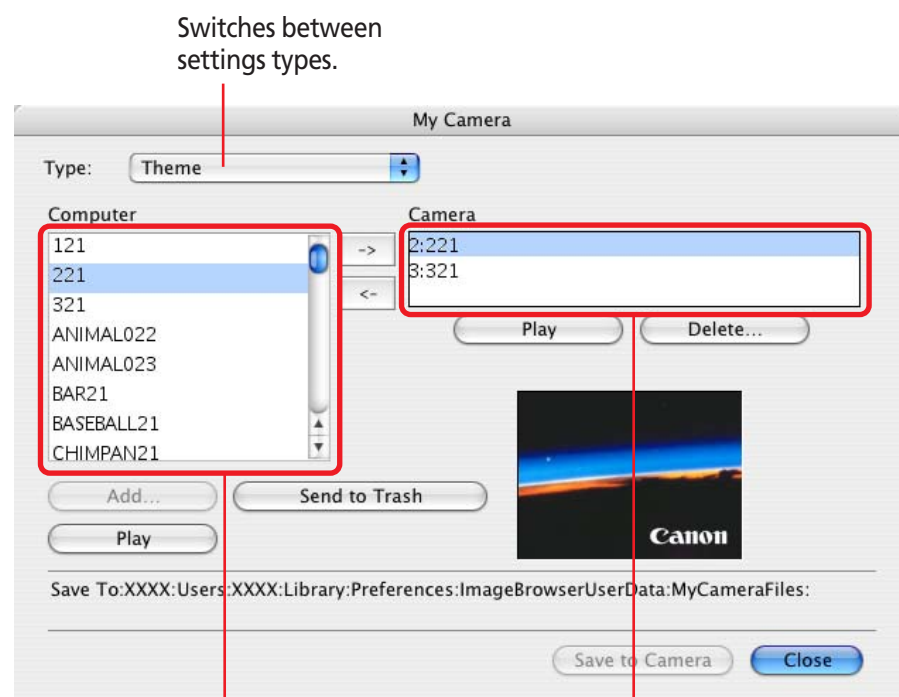


The My Camera window displays.

Saving the “My Camera Settings” to the Camera (2/8)

3. Change the [Type].

The My Camera Settings (image and sound files) display in the Computer list. The current camera settings display in the Camera list. Only the settings that can be changed display.



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

My Camera Settings in your camera display here.

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

REFERENCE

- You can also open the My Camera window when the ImageBrowser's Browser Window is open by clicking the [File] menu and selecting [Canon Camera], followed by [My Camera] from the submenu.
- The theme in the [Type] list box contains a start-up image, start-up sound, operation sound, selftimer sound and shutter sound regrouped as a set. By selecting a theme, you can change the start-up image, start-up sound, operation sound, selftimer sound and shutter sound in one easy step.
- You can also add new files as My Camera Settings to the Computer list (the procedure is explained later in this section).

Saving the "My Camera Settings" to the Camera (3/8)

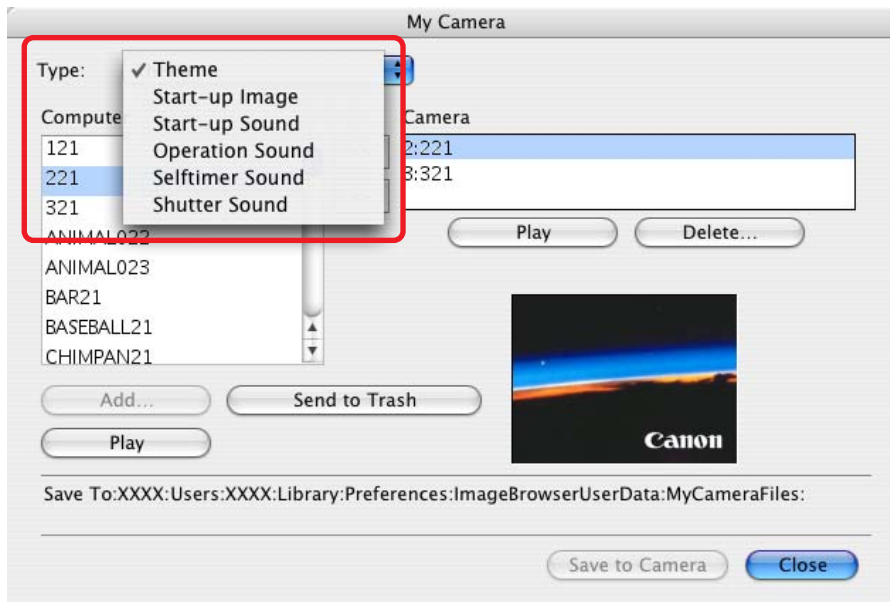
PROCEDURES



Saving the My Camera Settings to the camera

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

1. Select a settings type.



2.

In the [Computer] list, select a setting you would like to add to the camera.

When you select [Theme]:

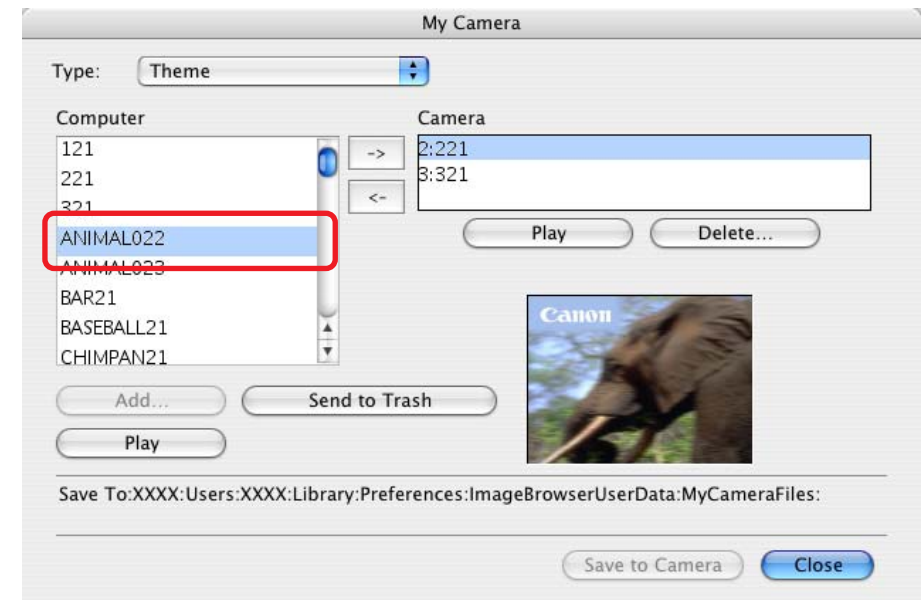
When you select a setting, the image will preview in the area to the right and the start-up sound, the operation sound, the self-timer sound and the shutter sound will play in order.

When you select [Start-up Image]:

When you select a setting, the image will preview in the area to the right.

When you select a sound type:

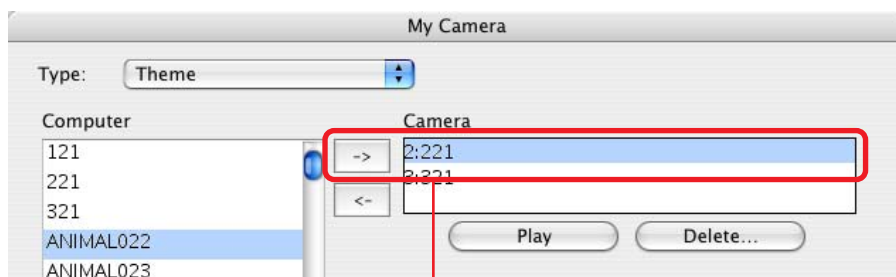
When you select a setting, the sound will play automatically.




Saving the “My Camera Settings” to the Camera (4/8)

3. In the [Camera] list, select a setting that you would like to change and click .

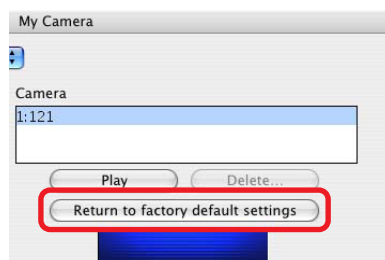
When you click [OK] in the confirmation dialog, the settings file in the camera will now be replaced with the one you specified from the computer.



Select the setting you want to replace and click .

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 Computer list.
- The [Return to factory default settings] button displays for some camera models.

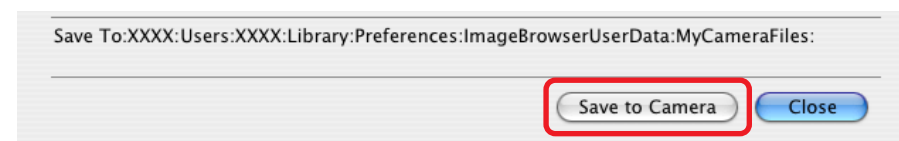


Repeat steps 1-3 to replace all the settings files with those you wish to save to the camera.

Up to this stage, only the settings in the Camera list change, not those in the camera itself.

4. Click the [Save to Camera] button.

The settings files in the Camera list are saved to the camera.



5. Click the [Close] button to close the window.

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.

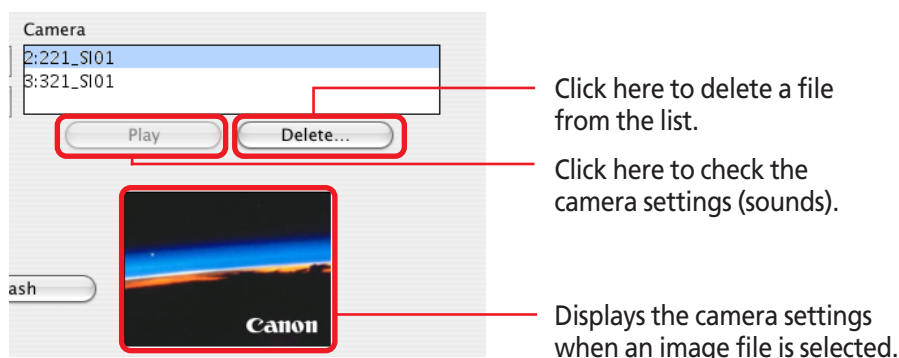
IMPORTANT

- Do not break the connection while the My Camera settings are being saved to the camera.

Saving the “My Camera Settings” to the Camera (5/8)

REFERENCE

- To delete settings files in the Camera list, select the file and click the [Delete] button. For cameras that can only register one My Camera setting, you cannot delete the setting file.
- You can check the settings in the camera (sounds) by clicking [Play].



PROCEDURES



Saving the Settings to the Computer

In this procedure, opposite to the previous one, you save the My Camera Settings to the computer from the camera.

1. Select an option from the [Type] list box.
2. Select the setting you would like to copy from the Camera list.

When you select [Theme]:

When you select a setting, the image will preview in the area to the right and the start-up sound, the operation sound, the self-timer sound and the shutter sound will play in order.

When you select [Start-up Image]:


When you select a setting, the image will preview in the area to the right.

When you select a sound type:

When you select a setting, the sound will play automatically.



Saving the “My Camera Settings” to the Camera (6/8)

3. Click .
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

- Do not break the connection while the My Camera settings are being saved to the camera.

PROCEDURES



Using Other My Camera Settings

You can obtain or make My Camera Settings files other than those provided with ImageBrowser by the following method.

■ Using Other Software to Create Settings Files

You can add images or sound files recorded with the camera as My Camera Settings files after processing them with image or sound processing programs. You will have to manually add these files to the My Camera window. The next topic explains the procedures for adding them and some restrictions for creating them.

Saving the “My Camera Settings” to the Camera (7/8)

PROCEDURES



Creating and Adding Files as My Camera Settings

This topic explains the requirements for files created as My Camera Settings using image editing and sound processing programs and how to add them to the My Camera window.

■ File Requirements for My Camera Settings

Use the following settings when creating image files as start-up images using an image editing program.

Compression Method: JPEG (Baseline JPEG)
Data Sampling: 4:2:0 or 4:2:2
Pixels (w x h): 320 x 240 pixels

Use the following settings when creating sound files using a sound processing program.

Compression Method: WAVE (Monaural)
Quantifying Bits: 8 bit
Sampling Frequency: 11.025 kHz or 8.000 kHz

Use the following chart as a guideline for the length of sound files recorded with the camera.

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

PROCEDURES



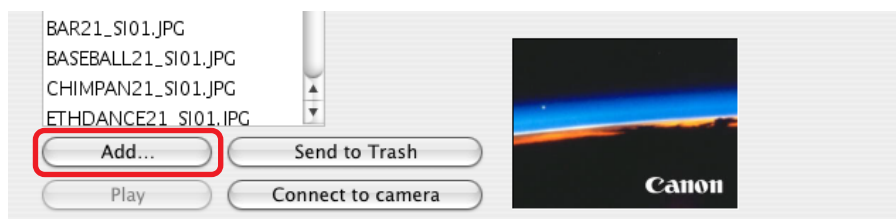
Adding new files to the My Camera Settings

1. Create an image or sound file that will become the camera start-up image or sound setting and save it to the computer.
2. Click the [File] menu in the Browser Window of ImageBrowser and select [Canon Camera] followed by [My Camera].
The My Camera window will open.
3. Open the My Camera window and select the settings type in the [Type] list box.



Saving the “My Camera Settings” to the Camera (8/8)

4. Click [Add].



REFERENCE

- The My Camera Settings file cannot be added when the Type list box is set to Theme.

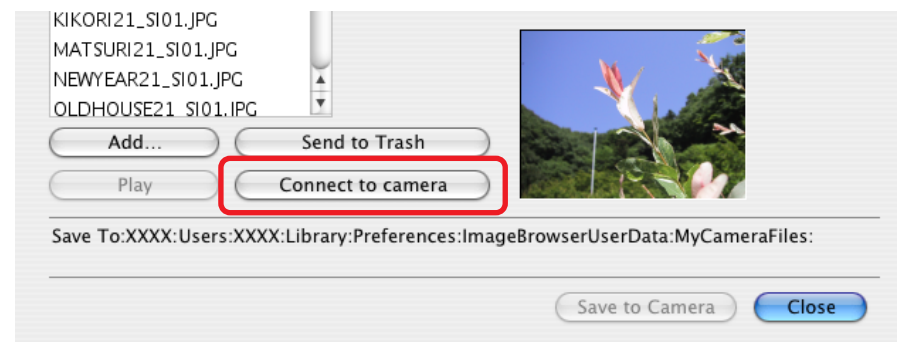
5. Select the file you created in the Open dialog and click [Open].

The selected file will appear in the Computer list.



The newly added settings will appear here.

6. Connect the camera to the computer with the interface cable and click [Connect to camera].



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.

The [Connect to camera] option cannot be selected when a wireless connection is used. Close the My Camera window, and then select it from the Camera Control Window that appears for a wireless connection.

REFERENCE

- To delete a settings file, select it and click the [Send to Trash] button beneath the Computer list.

Checking and Modifying the Camera Settings

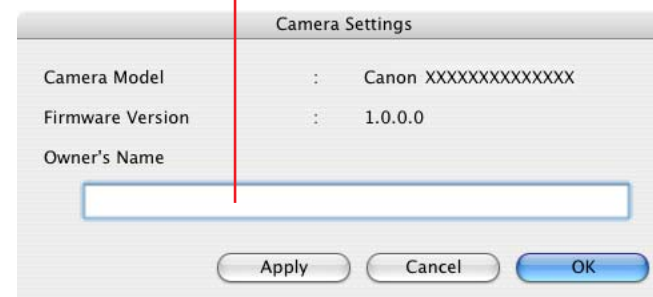
You can check and modify the camera settings from the computer.

1. Click the [Set to Camera] tab in the Camera Control Window.
2. Click [Confirms/changes camera settings].



This will open the Camera Settings dialog, which can be used to change the settings shown on the right.

Type the name of the owner of the camera here.



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

Adding Computer Images to the Camera

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

IMPORTANT

- If you are using a memory card reader, you cannot download images to the memory card.

1. Click the [Set to Camera] tab in the Camera Control Window.
2. Click [Uploads images to the camera].



A dialog will appear, allowing you to select image files.

3. Select files to copy and click [Open].

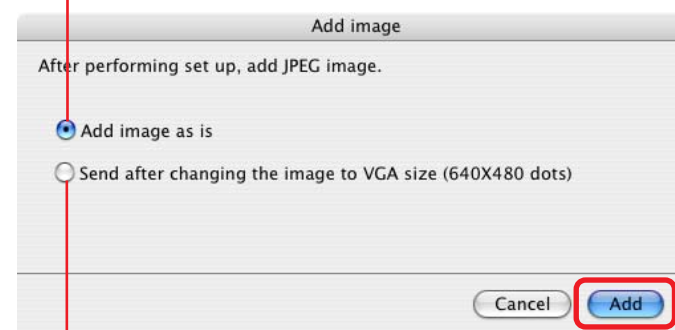
REFERENCE

- You can also copy more than one image at a time.

4. If a window similar to the following opens, select an option as required and click [Add].

This will add the image.

Select this to add images to the camera without making changes.



Select this to resize the image before uploading it to the camera.

REFERENCE

- If multiple images have been selected, then the selected resizing option will affect all the selected images.
- You can select the [Add image as is] option only when uploading JPEG images based on the DCF standard. Select [Send after changing the image to VGA size (640X480 dots)] for all other images.
- RAW images and movies cannot be uploaded to the camera.

Operating the Camera Shutter from a Computer (1/4)

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 sleep feature before you begin remote shooting. The results cannot be guaranteed if the computer goes to sleep 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.

PROCEDURES



Remote Shooting Procedures

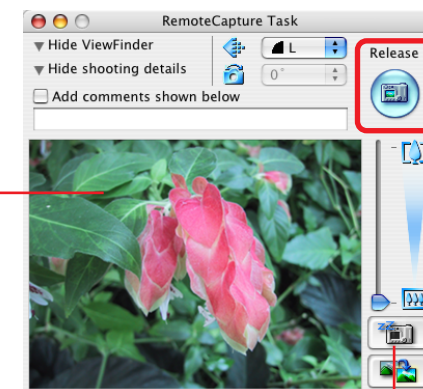
Begin the procedure with the camera connected to the computer and placed in the correct mode for connection.

1. Click the [Remote shooting] tab in the Camera Control Window.
2. Click [Starts Remote Shooting].
3. In the [Choose a Folder] window, select the destination folder and click [Choose].

A RemoteCapture Task window like the one below will open.

4. Click the [Release] button.

The image will record.



The image captured by the camera displays here.

Switches between showing or hiding the image.

Operating the Camera Shutter from a Computer (2/4)

EXPLANATION



Features of the RemoteCapture Task Window

Selects the image's recording size and resolution

Sets the rotation setting of the image being recorded. This setting cannot be adjusted if the [Auto Rotate] function of your camera's shooting mode 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.)

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.

Field angle/flash Shooting settings

Focusing Point: Automatic selec...
Macro: Off
AF-assist light: On
AF operation: AF unlock

Flash: Off
FlashQuality:

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.)

Operating the Camera Shutter from a Computer (3/4)

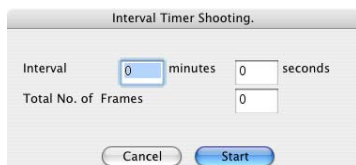
HINT



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 [Edit] menu in the RemoteCapture Task 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. (Interval: between 5 seconds and 60 minutes; Frames: 2 or more)

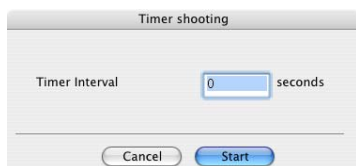
REFERENCE

- 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 [Edit] 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 [Start]. The timer may be set to a range from 2 seconds to 30 seconds.



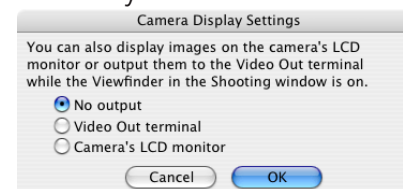
Saving and Recalling Shooting Settings

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 on 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 [File] 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.

Operating the Camera Shutter from a Computer (4/4)

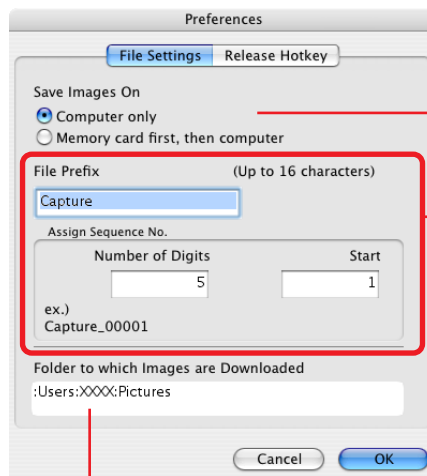
HINT



Remote Shooting Default Settings

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

[File Settings] Tab

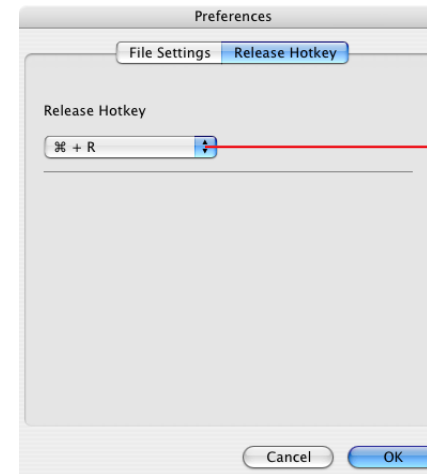


Sets whether images are saved only to the computer, or also to the camera's memory card.

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
(Folder selected in Step 3 of "Remote Shooting Procedures.")

[Release Hotkey] Tab



You can release the shutter using the key specified here.

REFERENCE

- If you select [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.

Starting ImageBrowser

This chapter explains the methods for displaying images in ImageBrowser.

PROCEDURES



Starting ImageBrowser

ImageBrowser will start and open its Browser Window if you click the [ImageBrowser] icon in the Dock (bar appearing at the bottom of the desktop).

ImageBrowser



You can also start ImageBrowser by clicking [Start ImageBrowser] in the Camera Browser Window.

REFERENCE

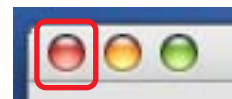
- Depending on the selections you make during installation, the Canon ImageBrowser icon may not appear in the Dock. In this case, start ImageBrowser by clicking the [Applications] folder, followed by the [Canon Utilities] and [ImageBrowser] folders, and double-click the [ImageBrowser] icon.

PROCEDURES



Closing ImageBrowser

Click the [ImageBrowser] menu and select [Quit ImageBrowser] or click the red button in the Browser Window.



Selecting Folders (1/2)

In this section, you will learn how to use the Explorer Panel Section to choose a folder containing the images that you want to see.

PROCEDURES



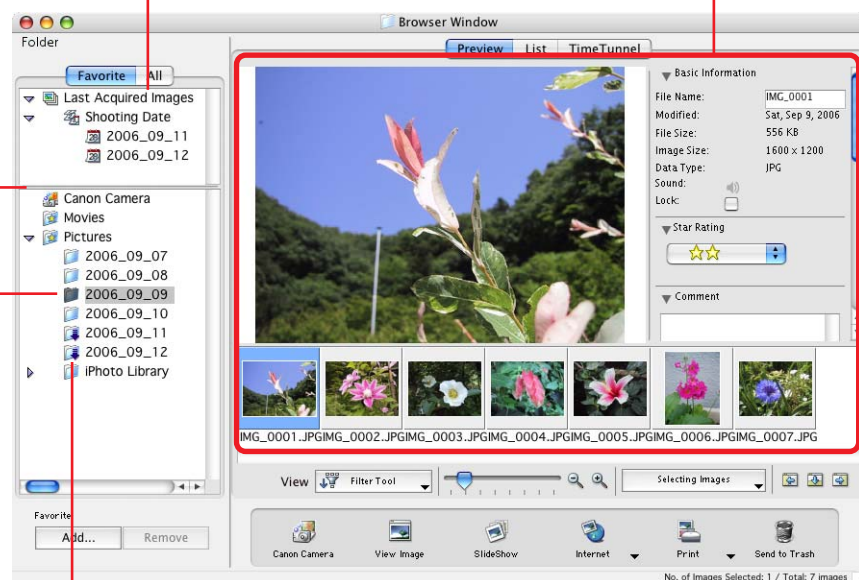
How to select a folder

Clicking a folder in the Explorer Panel section displays the images it contains in the Browser Area. To hide or show the folder contents, click the or button beside the folder

Explorer Panel

Last Acquired Images

Browser Area



Mark indicating there are newly downloaded images in the folder.

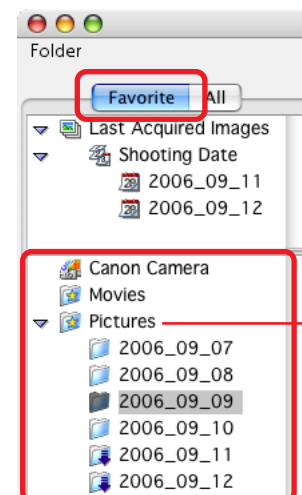
Selected folder

EXPLANATION



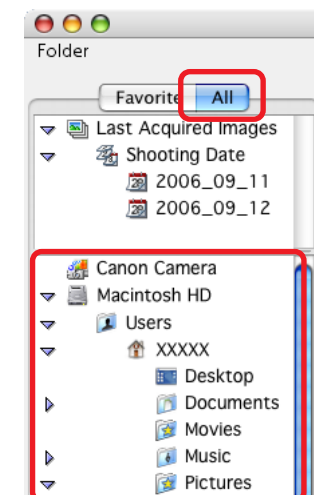
[Favorite] and [All]

Two buttons, titled [Favorite] and [All], display in the upper portion of the Explorer Panel section.



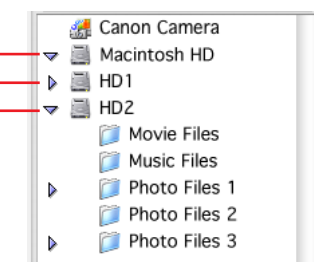
Pre-Registered Folders

If you select [Favorite], 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.



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

Connected Drives



Selecting Folders (2/2)

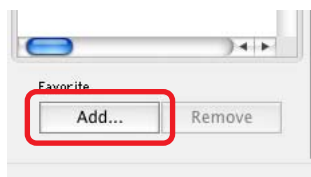
PROCEDURES



Registering a Folder as a Favorite Folder

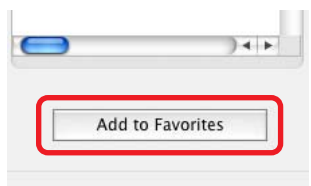
■ Favorites Selected

Click [Add] at the bottom of the Explorer Panel section, select a folder in the window that opens and click [Select].



■ All Selected

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



REFERENCE

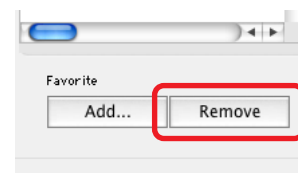
- A star symbol displays on the folder icons that have been registered as favorites (🌟).

PROCEDURES



Deregistering a Favorite Folder

Select [Favorite], then the folder you wish to deregister, and click [Remove] at the bottom of the Explorer Panel section.



Changing the Display Mode (1/2)

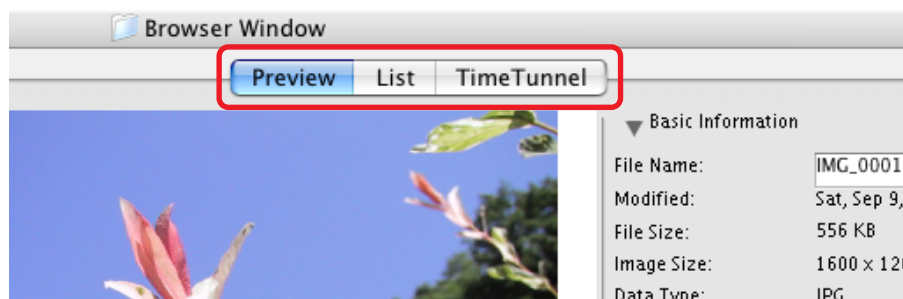
You can change the display mode in the Browser Window and Browser Area for ease of use.

EXPLANATION



Three Display Modes

The three display modes for the Browser Area are the Preview mode, List mode and TimeTunnel mode, which can be switched by clicking the buttons at the top of the Browser Area.

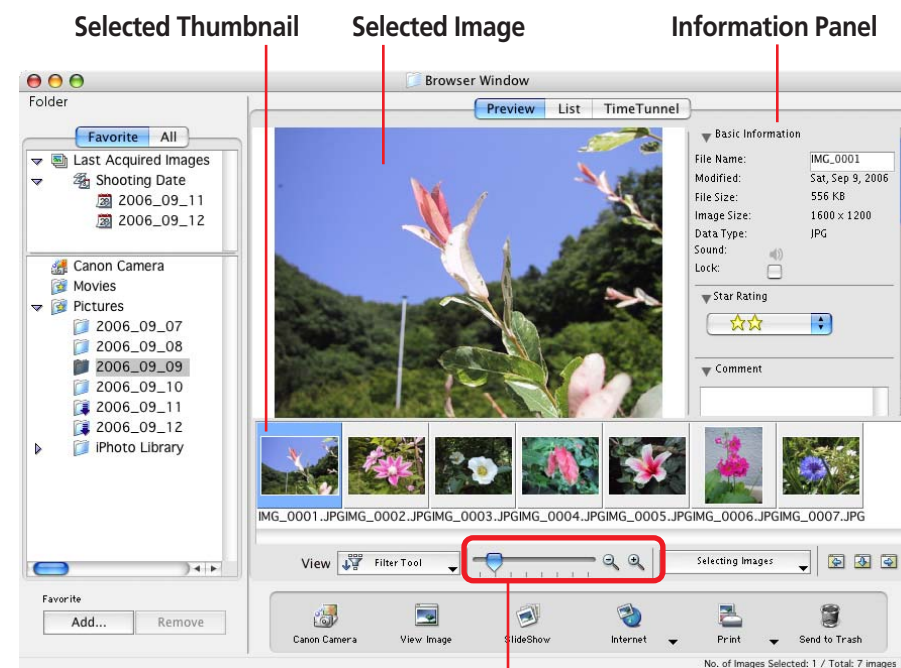


REFERENCE

- Folders display on the left of the Browser Area. Select either [Favorite] or [All]. The images in the folder you click will display in whichever mode you select.

Preview Mode

Displays the images as thumbnails (tiny versions) at the bottom of the Browser Area and the selected thumbnail and the Information Panel (display image information) in the upper part.

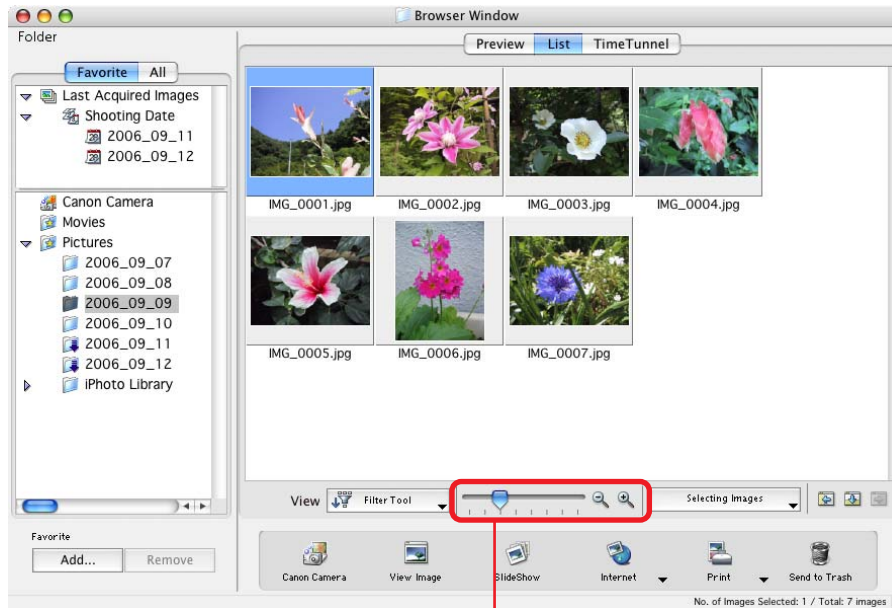


You can change the thumbnail size.

Changing the Display Mode (2/2)

List Mode

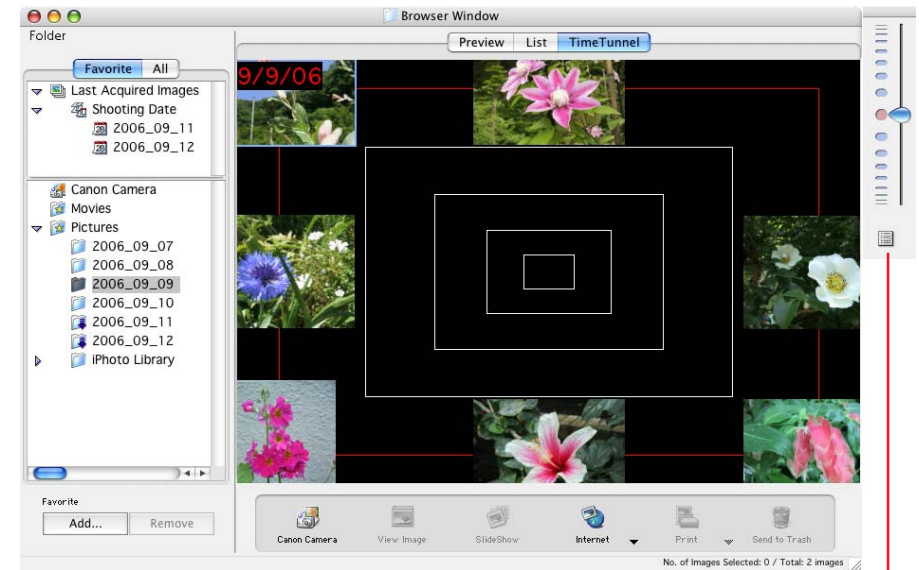
Uses the entire Browser Area to display image thumbnails (tiny versions).



You can change the thumbnail size.

TimeTunnel Mode

Displays image thumbnails (tiny versions) chronological order on a concentric grid that looks like a time tunnel.



Use this Control Panel to move the display.

REFERENCE

- See the *Sorting Images by Date and Time-TimeTunnel* in Chapter 6 for instructions for operating TimeTunnel and adjusting its settings.

Changing the Browser Window Display (1/3)

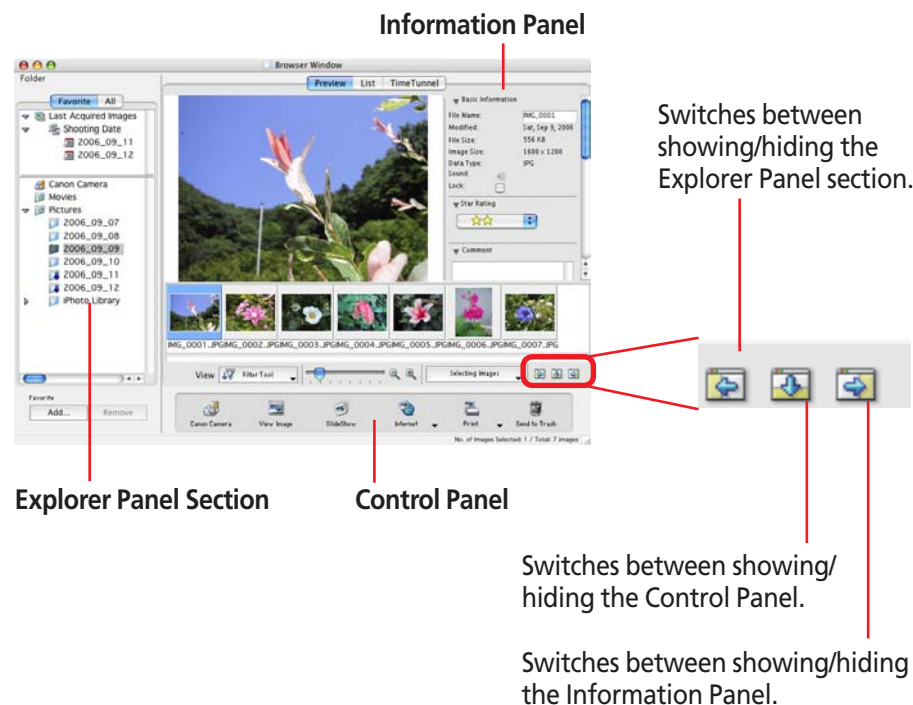
This section explains how to switch between showing and hiding each panel in the Browser Window and how to display information other than file names by the thumbnails.

PROCEDURES



Switching between Showing/Hiding Panels

You can use the Display Control Panel to switch between showing and hiding the Control Panel, Explorer Panel section and Information Panel when the display mode is set to Preview or List mode.



Changing the Browser Window Display (2/3)

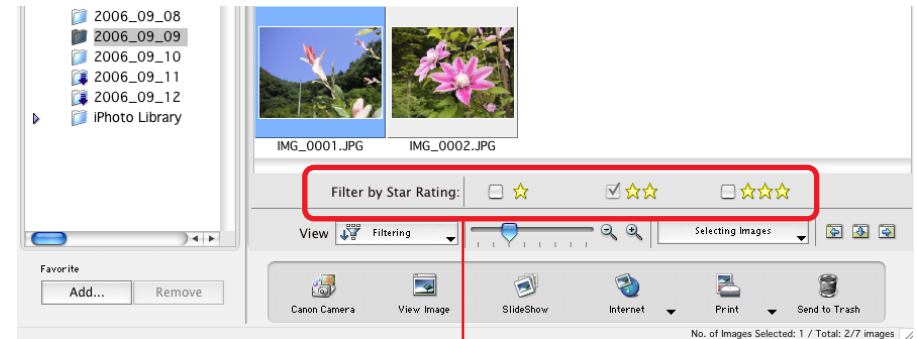
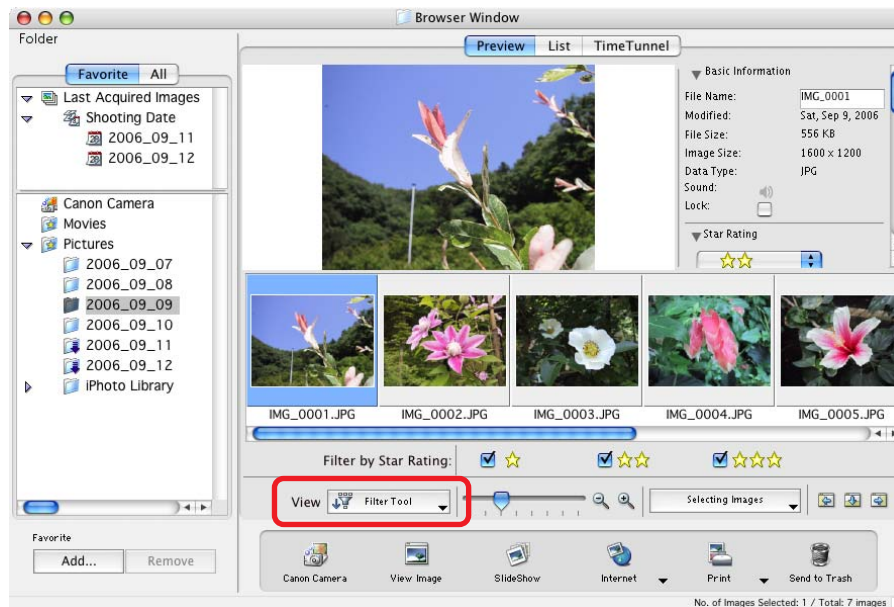
PROCEDURES



Filtering the Thumbnails Displayed

You can filter the images displayed in the Browser Window.

Click [Filter Tool] and select a criterion to display only the images corresponding to that criterion.



Select Criteria

To display all images again, click [Filtering] again.

REFERENCE

- See "Setting Star Ratings" in Chapter 5 for instructions on settings star ratings.

Changing the Browser Window Display (3/3)

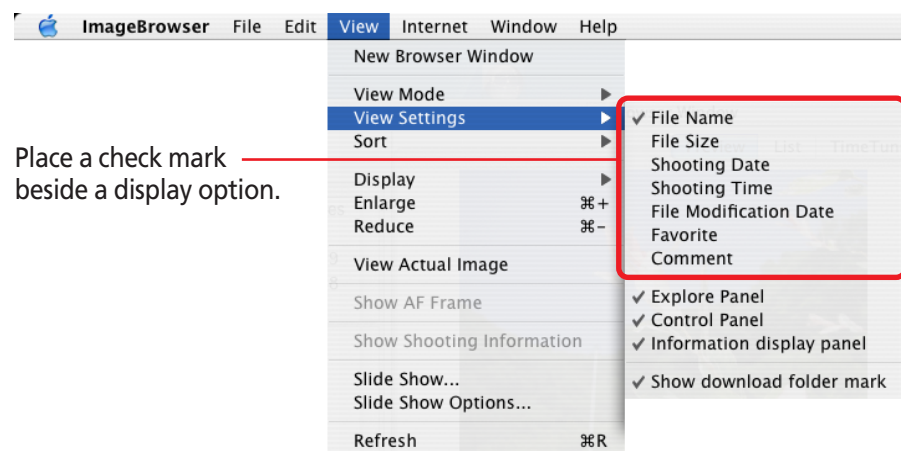
PROCEDURES



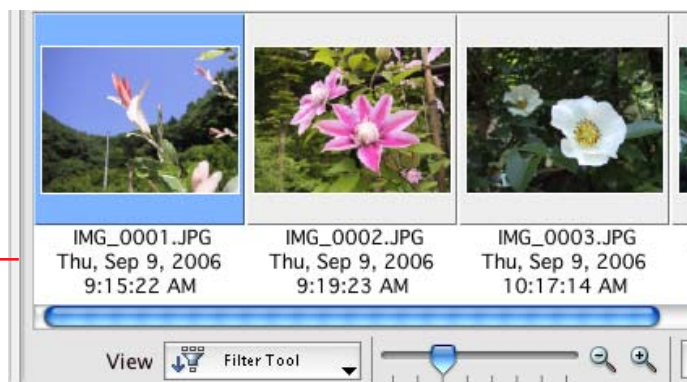
Setting the Information Displayed with Thumbnails

You can set the image information that displays beneath thumbnails when the display mode is set to the Preview or List mode.

Click the [View] menu, select the [View Settings] submenu and place a check mark beside a display option.



Example showing the "File Name", "Shooting Date" and "Shooting Time" selected.



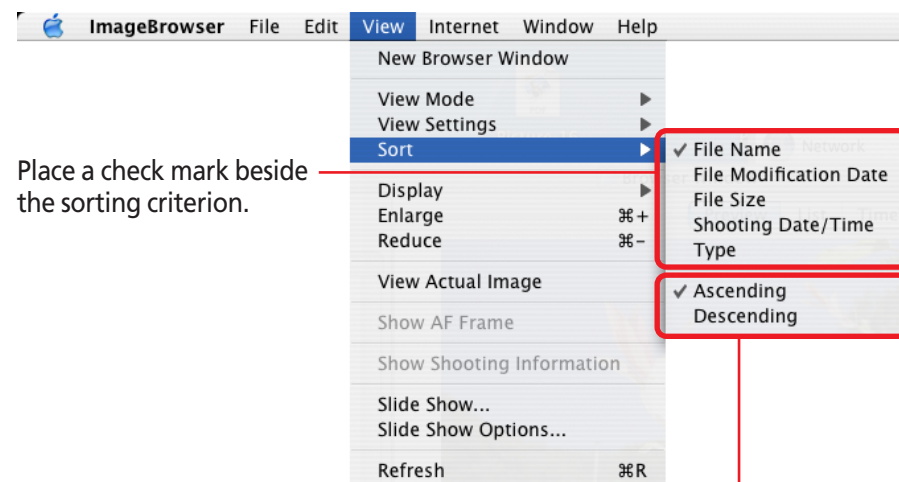
PROCEDURES



Sorting Thumbnails

You can select the criteria for the display order when the display mode is set to the Preview or List mode.

Click the [View] menu, select the [Sort] submenu and place a check mark beside a criterion.



Switch between ascending and descending order.

Opening Images

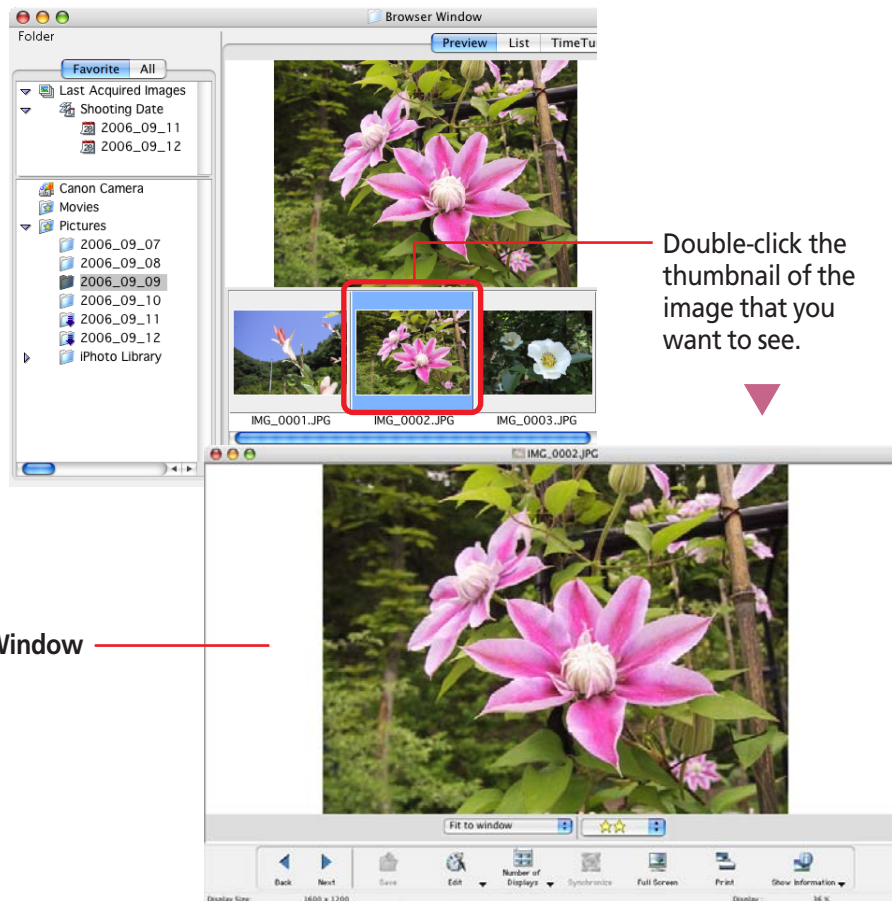
This procedure involves opening the Viewer Window from the Browser Window to open images.

PROCEDURES



How to open an image

Double-click the image that you want to open in the Browser Area to open it in the Viewer Window.



PROCEDURES



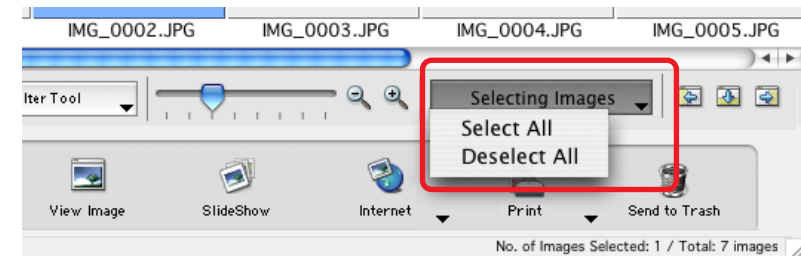
Opening several images

You can select multiple images by pressing and holding the [shift] key or [⌘] (command) key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [option] and [shift] keys together 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 Image] in the Control Panel.

REFERENCE

- Using the [Select Images] menu in the Display Control Panel is convenient if you intend to select or deselect all images.



Using the Viewer Window (1/5)

This section explains how to use the Viewer Window.

PROCEDURES



Opening the Previous or Next Image

You can display the image before or after the displayed image by clicking [Back] or [Next] in the Viewer Window.



REFERENCE

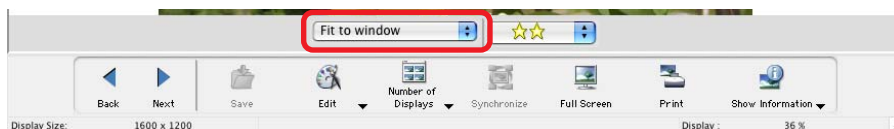
- If you select multiple images and display them in the Viewer Window, you can click [Back] or [Next] to move the selection between images.

PROCEDURES



Changing the Display Magnification

You can change the image display magnification using the menu beneath the images.

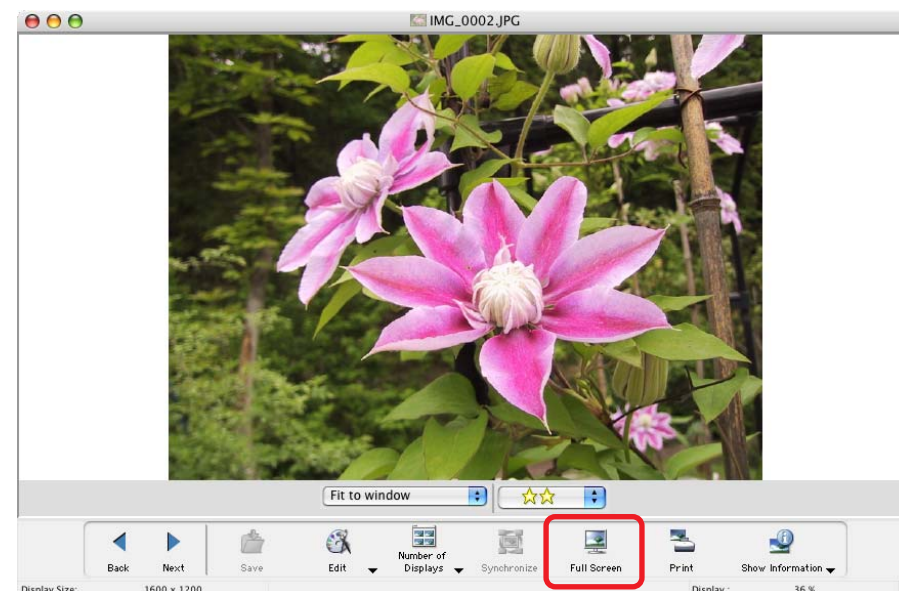


PROCEDURES



Using the Full Screen Display

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



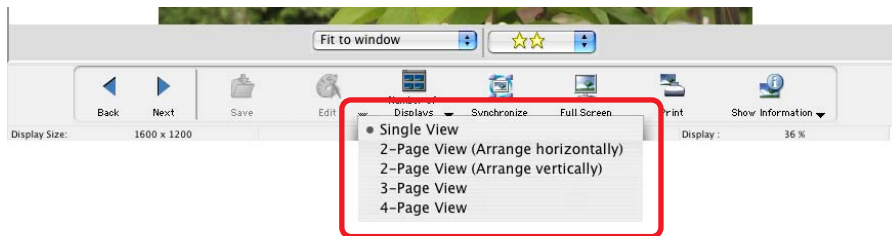
Using the Viewer Window (2/5)

PROCEDURES



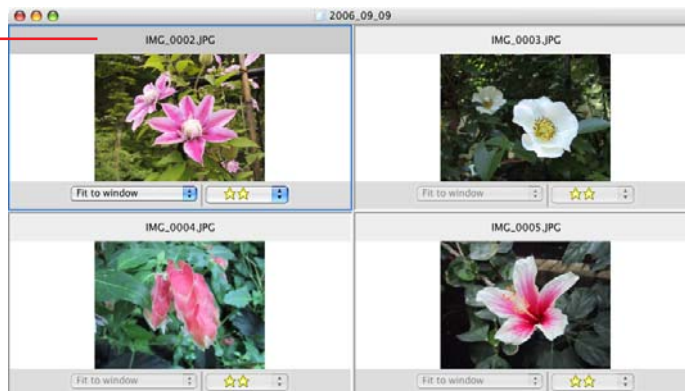
Displaying Multiple Images

You can display two to four images at once in the Viewer Window by using the [Number of Displays] menu. Use it to compare images with the same subject shot with different settings or from different angles.



Example of a 4-Image Display

Currently selected image.



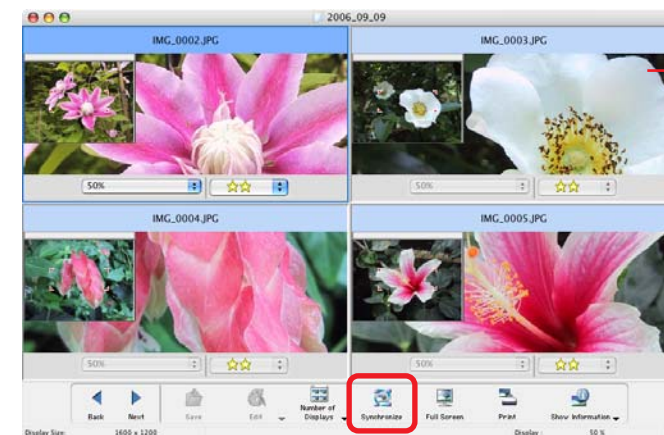
When multiple images are displayed in the Viewer Window, clicking the [Back] and [Next] buttons replaces all the images with the next set of images before or after the displayed images.

PROCEDURES



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.

Using the Viewer Window (3/5)

PROCEDURES



Displaying Image Shooting Information

Clicking [Show Information] and selecting [Show Shooting Information] from the menu displays the shooting information for the images.

Shooting Information



REFERENCE

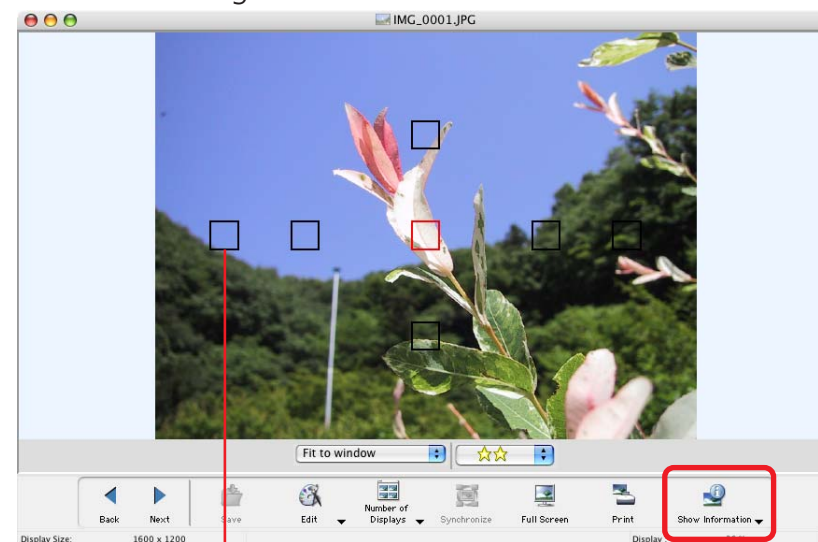
- For instructions on how to change the information display category, see "Customizing Preferences" in the Appendices.

PROCEDURES



Displaying the Autofocus Frame

Clicking [Show Information] and selecting [Show AF Frame] from the menu displays the position of the focal frame at the time of shooting.



Autofocus Frame

IMPORTANT

- Please see the guide for the software bundled with your camera to see whether your camera supports the display of the autofocus frame.

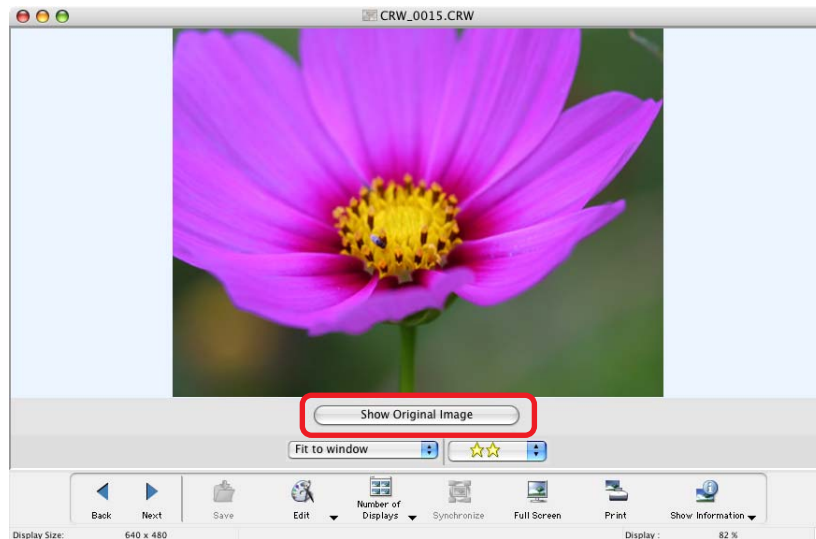
Using the Viewer Window (4/5)

PROCEDURES



Converting and Displaying RAW Images

RAW images display in the Viewer Window like standard images, but not using the full RAW image data. An easily displayed version is used. Click the [Show Original Image] to convert the original RAW data and display it in the Viewer Window.



REFERENCE

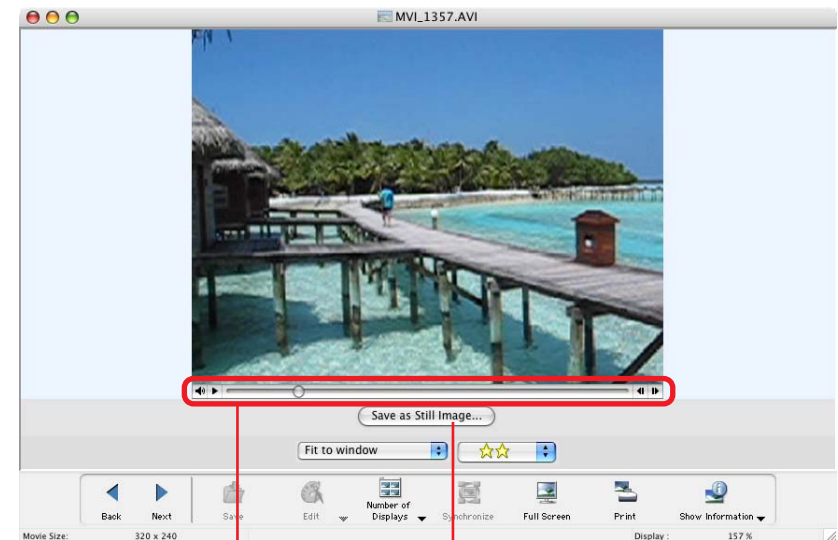
- RAW images cannot be edited or saved in the Viewer Window. See "Converting RAW Images" in Chapter 6 regarding editing and saving RAW images.

PROCEDURES



Playing Movies

Movie control buttons appear at the window's bottom left when you display a movie in the Viewer Window. Use these buttons to start/stop movies.



Buttons for controlling movies.

Extracts stills from movies.

Using the Viewer Window (5/5)

PROCEDURES



Printing Displayed Images

You can print the displayed image by clicking the [Print] button. See “One Photo Per Page” in Chapter 2 for printing instructions.



PROCEDURES



Closing the Viewer Window

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

REFERENCE

- See the *Editing Images* in Chapter 6 for information on the Viewer Window's editing function.

Selecting Images

This chapter explains the features in ImageBrowser for managing images.

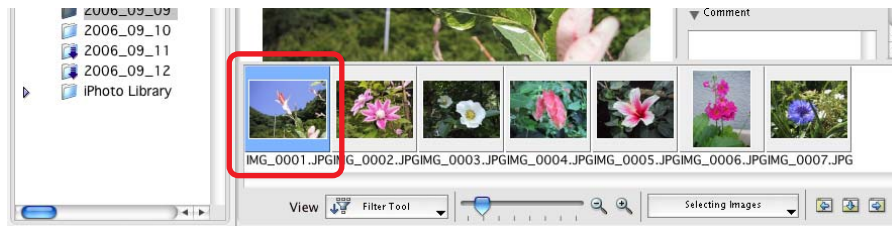
In this section we reintroduce the methods for selecting images in the Browser Area as one of the basic image management procedures.

PROCEDURES



Selecting a Single Image

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



PROCEDURES



Selecting Multiple Images

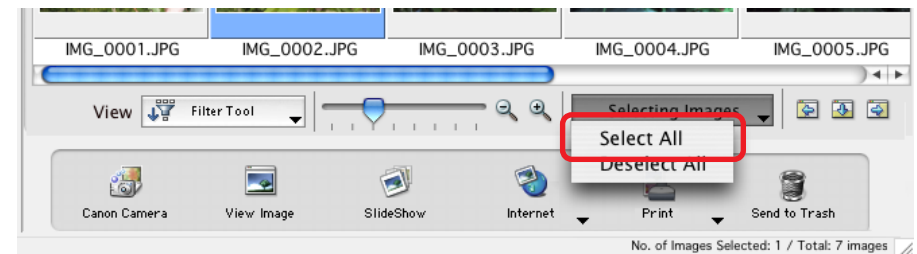
To select multiple images, press and hold the [shift] key or [⌘] (command) key while you click on successive images. You can also select a series of adjacent images by pressing and holding the [option] and [shift] keys together while clicking on the first and last images.

PROCEDURES



Selecting All the Images

You can select all the images displayed in the Browser Area at once by clicking the [Select Image] menu in the Control Panel of the Browser Window and selecting [Select All].



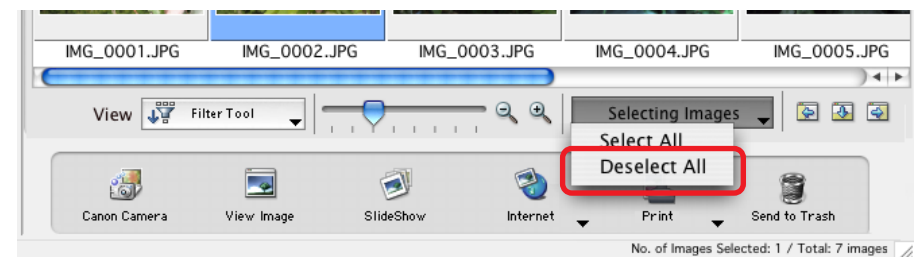
PROCEDURES



Deselecting All Images

Deselect all the images at once by clicking [Selecting Images] in the Control Panel in the Browser Window and selecting [Deselect All].

You can also deselect them by clicking the [Edit] menu and selecting [Deselect All].



Setting Star Ratings (1/2)

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

EXPLANATION



What is a Star Rating?

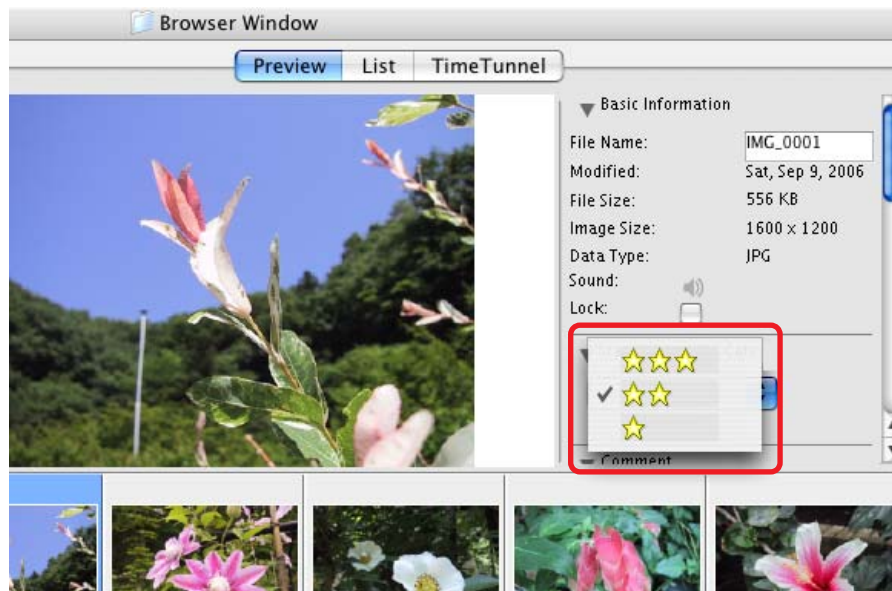
You can assign one of three ratings [☆☆☆], [☆☆], [☆] to an image. When a camera image is downloaded to the computer it is assigned a two-star [☆☆] rating.

PROCEDURES



Setting the Star Rating

To set a rating for an image, set the display mode in the Browser Area to Preview, select the image, and choose a rating from the [Star Rating] menu in the Information Panel.



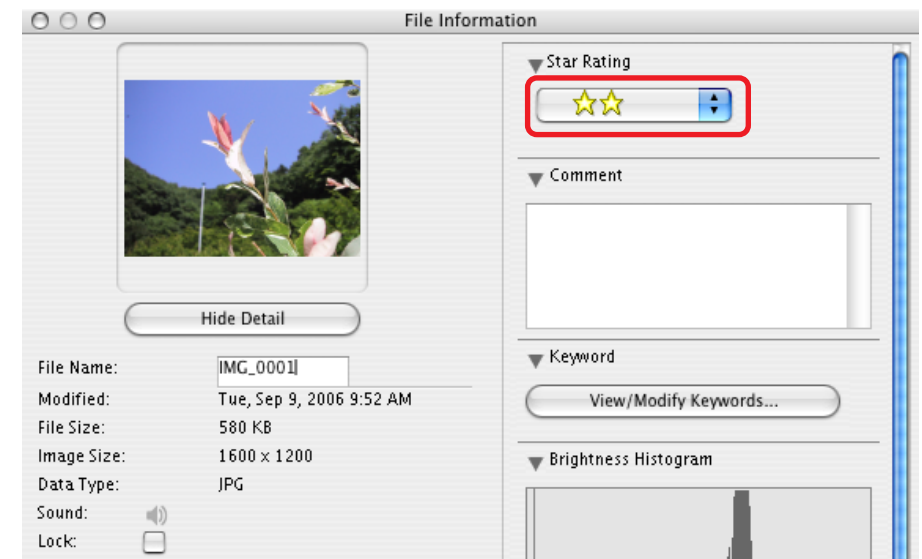
HINT Other Settings Methods for Star Ratings

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.

File Information Dialog Box Method

Set the display mode to [List] or [TimeTunnel]. Select the image in the Browser Area and click the [File] menu and select [Get Info]. In the File Information dialog box, set the Star Rating in the list box.



Setting Star Ratings (2/2)

■ Viewer Window Method

Display the image in the Viewer Window and set the Star Rating in the list box.



■ Slide Show Method

While a slide show is in play, use the menu at the bottom of the window to set the Star Rating for the displayed image.



Assigning Keywords (1/2)

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

EXPLANATION



Keywords

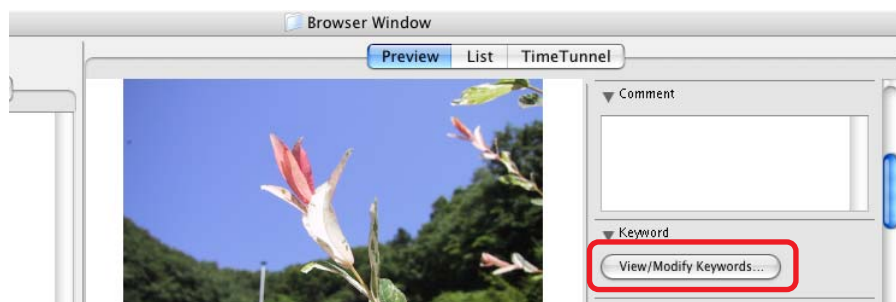
A keyword is information used to perform searches on images. Select a keyword that matches the image content from the keywords in categories such as People, Places, or Events. For example, if you have an image from a family holiday to the ocean, you might assign keywords such as Family in the People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

PROCEDURES



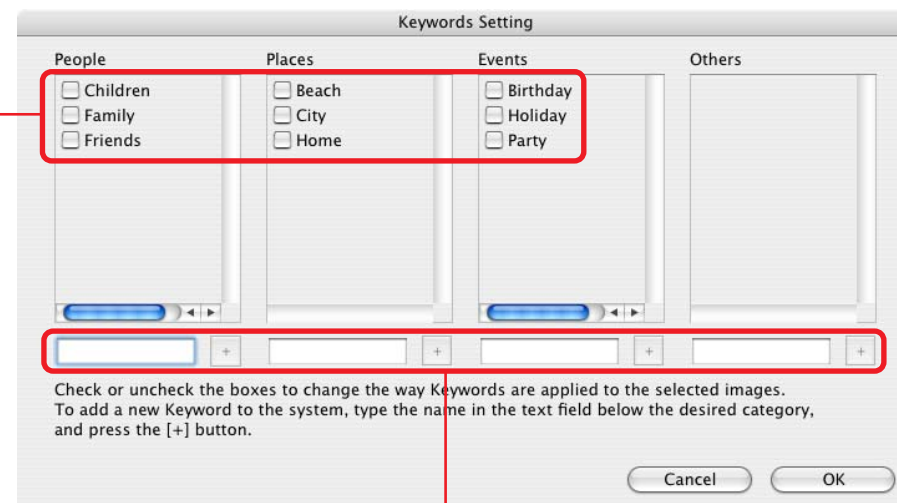
Assigning Keywords

1. Set the Browser Area to the Preview mode and select an image.
2. Click [View/Modify Keywords] in the information display panel.



The View/Modify Keywords window will display.

3. Place a check mark beside appropriate words in the various categories, such as People, Places, Events or Others, and click [OK].



Place a check mark beside appropriate keywords.

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

Assigning Keywords (2/2)

HINT



Other Ways to Assign Keywords

■ Menu Method

Select an image in the Browser Area, click the [Edit] menu and select the [Keyword] submenu, followed by [Settings].

■ File Information Dialog Box Method

Set the display mode to List or TimeTunnel. Select an image in the Browser Area, click the [File] menu and select [Get Info]. In the File Information dialog box, click [View/Modify Keywords] and assign keywords.

PROCEDURES



Managing Keywords

1. Click the [Edit] menu and select the [Keyword] submenu, followed by [Manage].

The Manage Keywords window will open.

2. Add, delete or restore keywords.



■ 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.

Sorting Images (1/2)

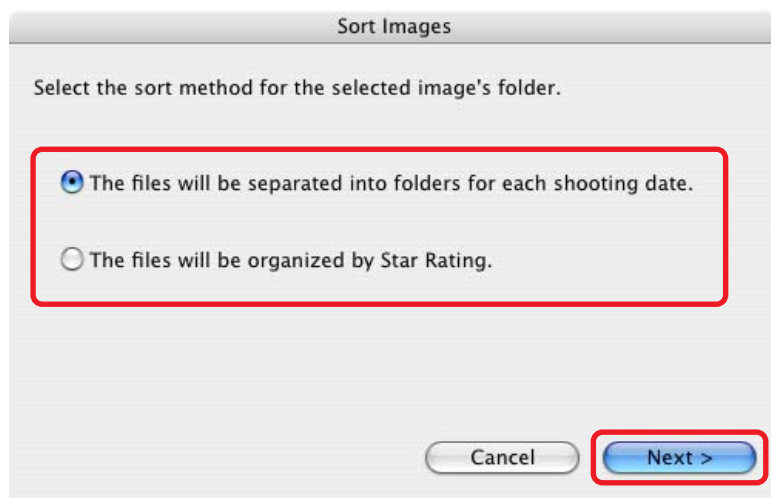
You can sort selected images into folders by the shooting dates or by Star Ratings.

PROCEDURES



Selecting a Sorting Method

1. Select the images to sort in the Browser Area.
2. Click the [File] menu and select the [Organize Image] submenu, followed by [Sort Images].
The Sort Images dialog will appear.
3. Select the shooting date option or Star Rating option and click [Next].

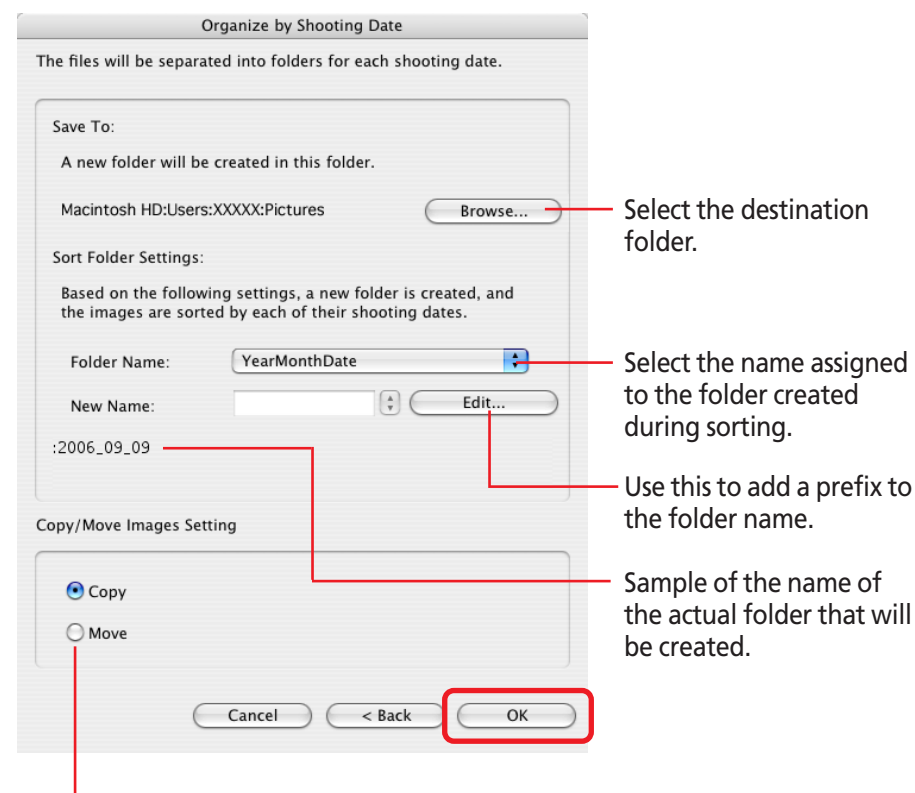


PROCEDURES



Sorting by Shooting Dates

1. Set the options and click [OK].
The program will start sorting the images.



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

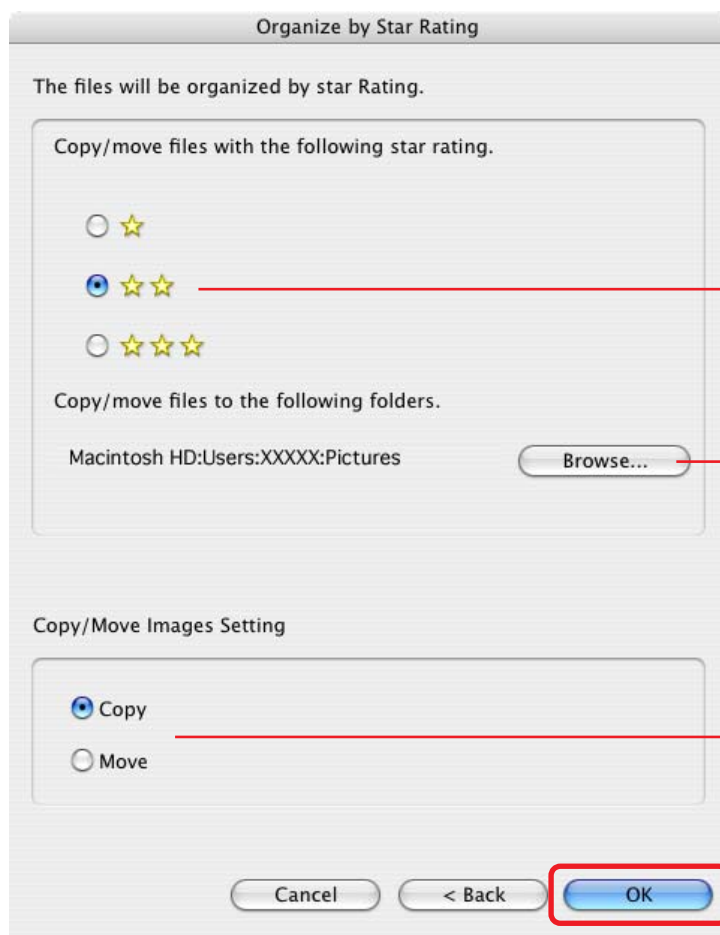
Sorting Images (2/2)

PROCEDURES



Sorting by Star Ratings

1. Set the options and click [OK].
The program will start sorting the images.



Select the Star Ratings of the images that will be copied (or moved).

Select the destination folder.

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

Renaming Images (1/2)

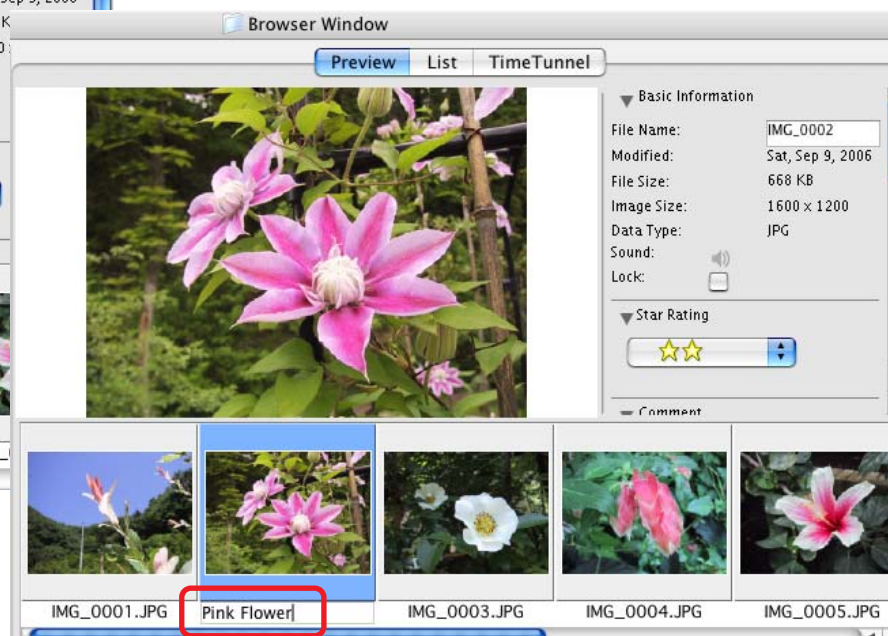
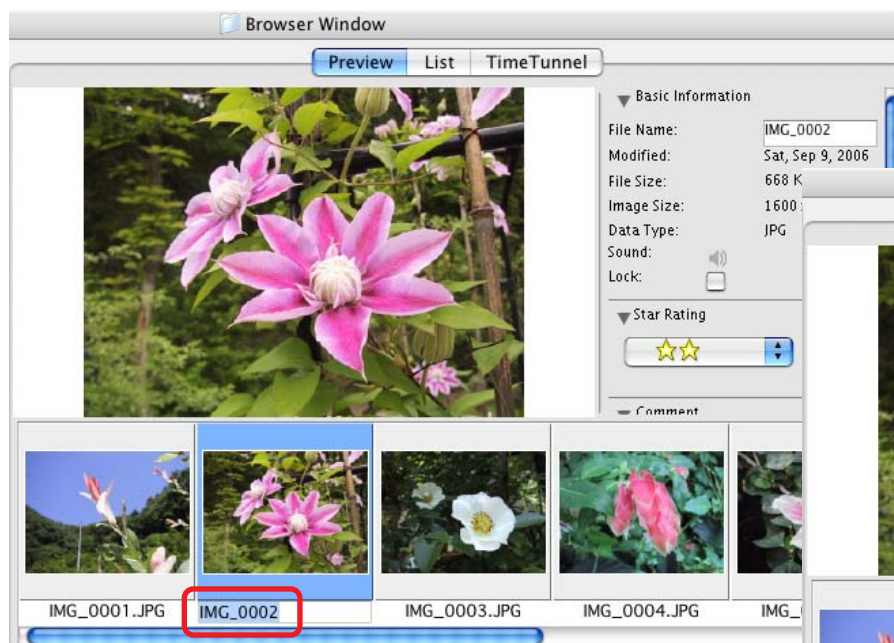
This section describes how to rename images.

PROCEDURES



Renaming Images

1. Click the name of the image that you want to rename.
After a moment you can type the new name.
2. Type the new name and press [return] key.



Renaming Images (2/2)

PROCEDURES



Changing Multiple Image File Names

You can rename multiple image files at once.

1. Select the images you wish to rename in the Browser Area.
2. Click the [File] menu and select the [Organize Image] submenu, followed by [Rename].

The renaming settings window will display.

3. Set the options in this window and click [OK].

The image file names will change.

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

Select a name format.

Type the text in the "New Name" spot for the name format selected above.

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

Sample of the name of the actual folder that will be created.

PROCEDURES



Renaming Folders

1. In the Explorer Panel, click on the folder name. After a moment, you can type the new name.
2. Type a new folder name and press the [return] key.

Searching Images (1/2)

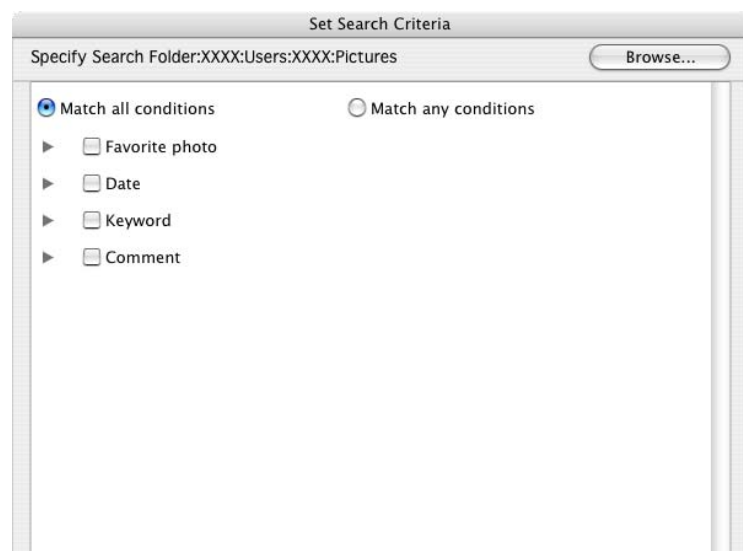
You can search images using such criteria as Star Ratings, shooting dates, keywords or comments.

REFERENCE

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

1. Select a folder to search in the Explorer Panel section.

2. Click the [File] menu and select [Search].
The search criteria settings window will open.

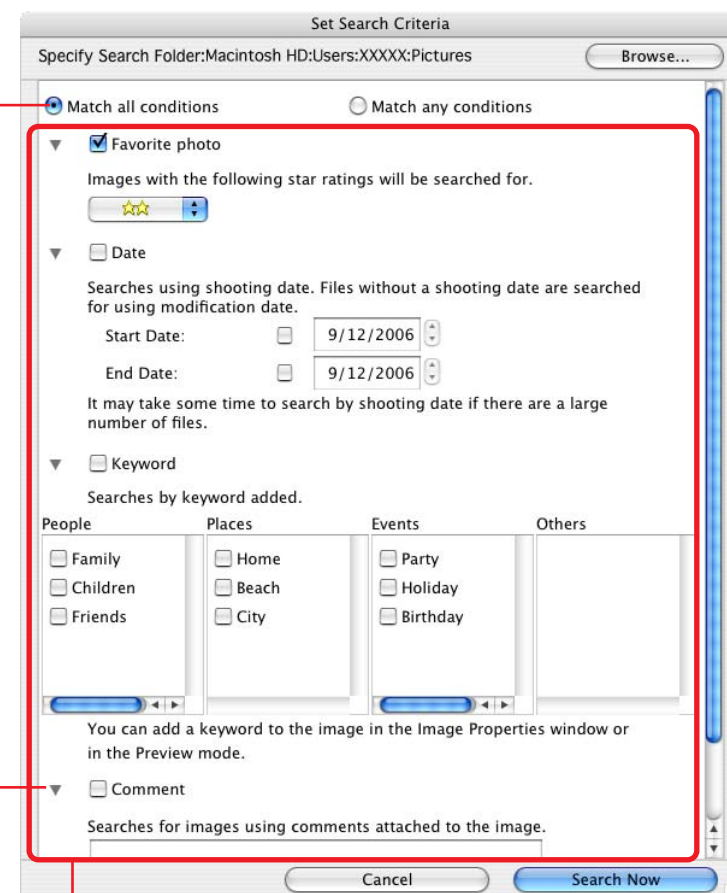


3. Set the search criteria.

Place a check mark beside your chosen criterion and set its individual settings.

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

Clicking here allows you to hide the search parameters.



Set the search parameters here.

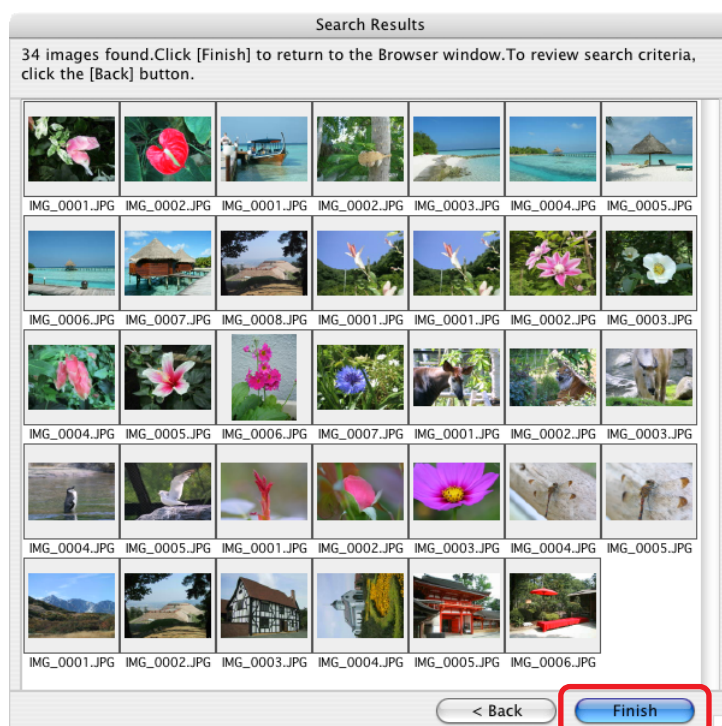
Searching Images (2/2)

4. Click [Search Now] when you finish setting the criteria.

A list of images found by the search will display.

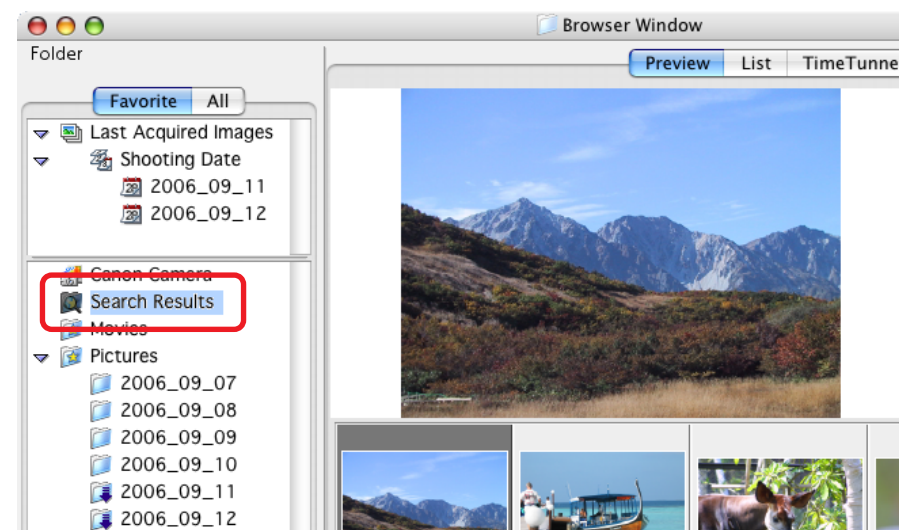
5. Check the search results and click [Finish].

To reset the search criteria, click [Back] and repeat steps 3-4.



This concludes the search.

When you click [OK] in the confirmation dialog, the "Search Results" folder is created in the Explorer Panel section and displays the images matching the search criteria.



IMPORTANT

- The original image will also be deleted when you delete an image from the Search Results folder.

REFERENCE

- You can select, print or copy the images in the Search Results folder to another.
- Images will remain registered in the Search Results folder until you close ImageBrowser or perform another search.

Moving and Copying Images (1/2)

This section describes how to move and copy images between folders.

REFERENCE

- Moving or copying images in ImageBrowser affects the actual location in which those images are stored on your computer.
- When you use the Finder to modify files or folders while ImageBrowser is open, those changes might not be reflected in the ImageBrowser window. To remedy this, click [Refresh] on the [View] menu.

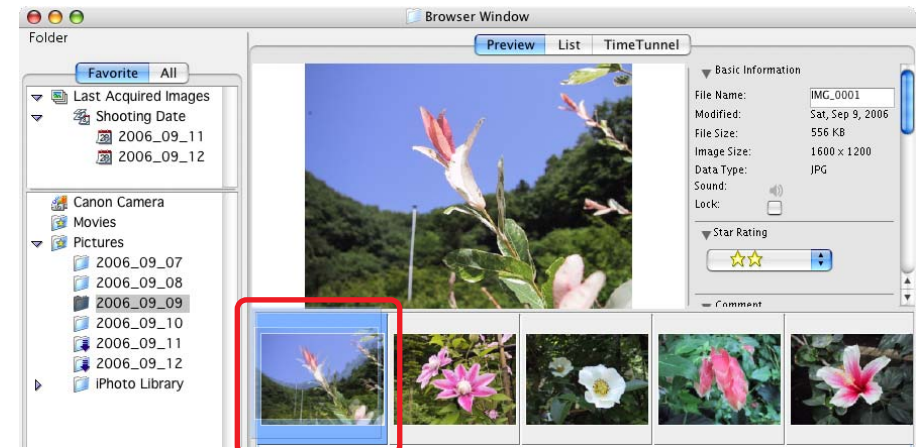
PROCEDURES



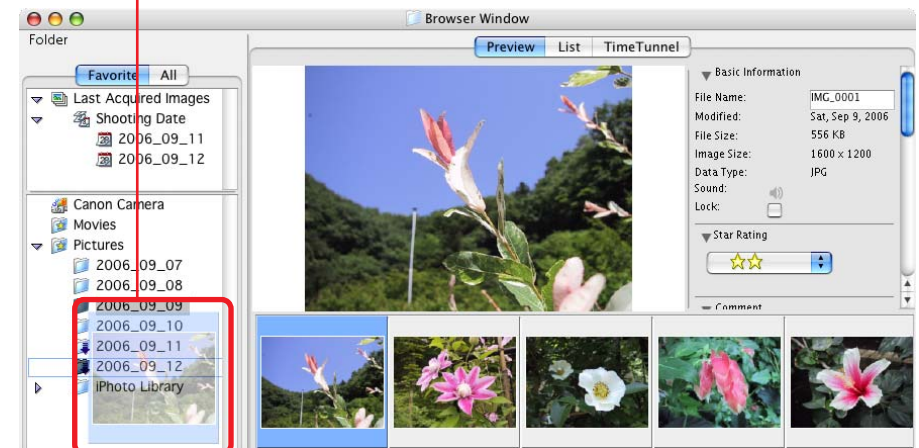
Moving or copying in the Explorer Panel Section

When you want to move an image, you first need to display it in the Browser Area. Then, drag that image to the destination folder in the Explorer Panel Section.

When you want to copy an image, proceed as above, but press and hold the [option] key before releasing the mouse button to drop the image.



- 1 Drag the image that you want to move.
- 2 Drop it at the desired location.



Moving and Copying Images (2/2)

PROCEDURES

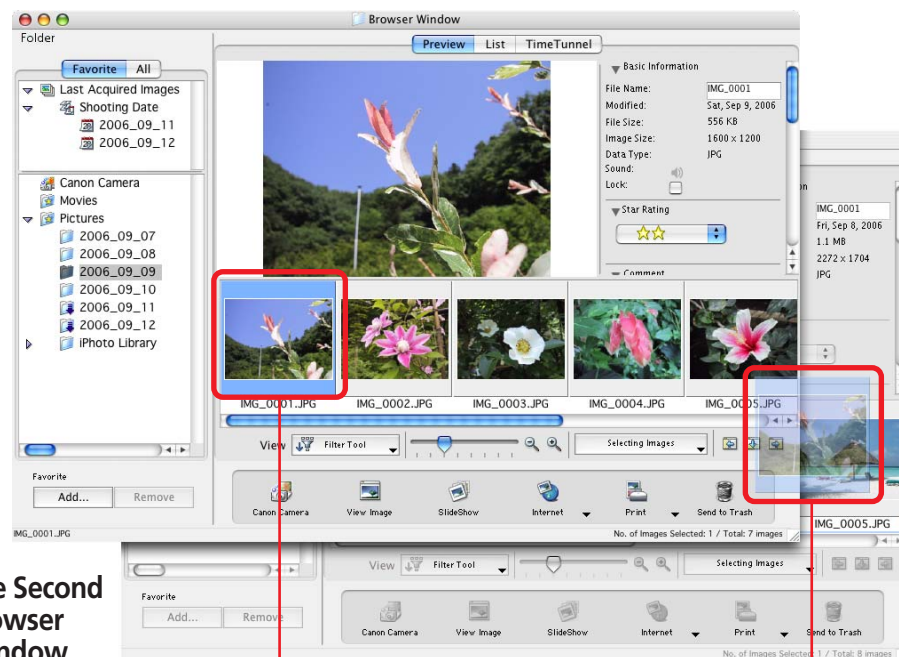


Moving or copying images using two Browser Windows

You can display a second Browser Window by clicking [New Browser Window] on the [View] menu.

You can move or copy images between folders by displaying different folders in two Browser Windows, then dragging images from one Browser Window to another.

The First Browser Window



The Second Browser Window (Display a different folder)

- ① Drag the image that you want to move.
- ② Drop it at the desired location.

REFERENCE

- To copy an image, press and hold the [option] key before releasing the mouse button to drop the image.
- Up to two Browser Windows can be open simultaneously.

HINT



Other Methods

Moving or Copying Multiple Images

You can move or copy multiple images at once. Select them by pressing and holding the [shift] key or [⌘] (command) key, or the [option] and [shift] key together while you click on successive images and then drag and drop them in this state on the destination.

Moving or Copying Folders

You can move or copy folders one at a time by dragging them in the Explorer Panel section on top of another folder and dropping them.

HINT



Duplicating Images

To duplicate an image (copy the same image file within a single Browser Window), select the image in the Browser Area, click the [File] menu and select [Duplicate].

Deleting Images

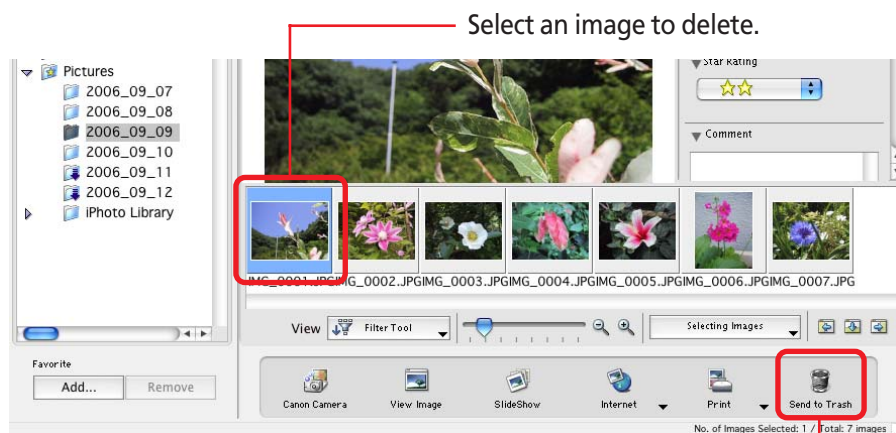
This section explains how to delete images and folders (send them to the Trash).

PROCEDURES



How to delete an image

1. Select an image in the Browser Area to delete.
2. Click the [Send to Trash] button in the Control Panel.



Click here.

REFERENCE

- If you mistakenly delete an image, retrieve it by double-clicking the Trash in the dock to open its window and dragging and dropping the file onto its original folder (in the Finder window not in the Explorer Panel section).

PROCEDURES



Deleting Folders

1. Select the folder in the Explorer Panel section.
2. Click the [Send to Trash] button in the Control Panel.

IMPORTANT

- When you delete a folder, all its images and subfolders are deleted too.

HINT



Other Methods

■ Sending Multiple Images to the Trash

You can send multiple images at once to the Trash. Select them by pressing and holding the [shift] key or [⌘] (command) key, or the [option] and [shift] key together while you click on successive images and then click [Send to Trash].

■ Using the Menu to Send Images to the Trash

Send images to the Trash by selecting them, clicking the [File] menu and selecting [Send to Trash].

REFERENCE

- To completely delete the images or folders from the disk, after these procedures click the [Finder] menu and select [Empty Trash].

Rotating Images

This topic explains the procedures for rotating images. Movies can also be rotated.

PROCEDURES



How to rotate an image

1. Select the image.

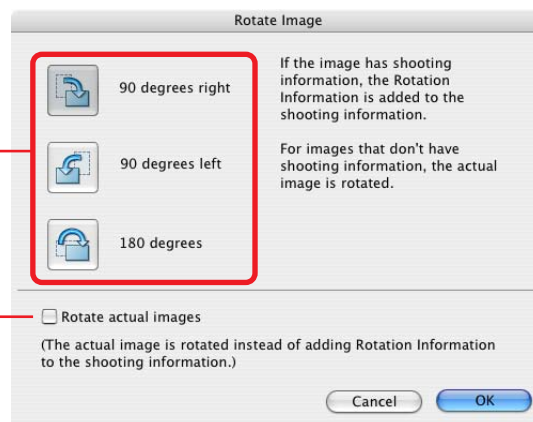
2.



Click the [Edit] menu and select [Rotate Image].

The rotation settings window will display.

3. Set the rotation direction and angle and click [OK].



Selects the direction and angle of rotation.

Place a check mark here to change the orientation of the image data itself. (Still images only)

A symbol similar to that at the right will display for images that are rotated in the display only. The image data itself is not rotated for these images.



REFERENCE

- You can rotate the original image to match the orientation of the displayed image by clicking the [Edit] menu and selecting [Rotate According to Rotation Information] (Still images only).
- If a movie cannot be rotated this way, click the [Edit] menu and select [Edit Movie] to set the direction of rotation.

More ways of rotating images

Rotating multiple images

You can rotate multiple images at once. Select them by pressing and holding the [shift] key or [⌘] (command) key, or the [option] and [shift] key together while you click on successive images and then perform the rotation procedure.

Viewing Image Information (1/2)

You can click images and look at the various shooting information about them.

PROCEDURES



How to view image information

1. Set the display mode to List or TimeTunnel, and select an image in the Browser Area.

2. Click the [File] menu, and select [Get Info].

File Information dialog box will appear.

The File Information dialog box contains such information as the camera model, the date the image was shot, and the camera settings at the time of shooting.

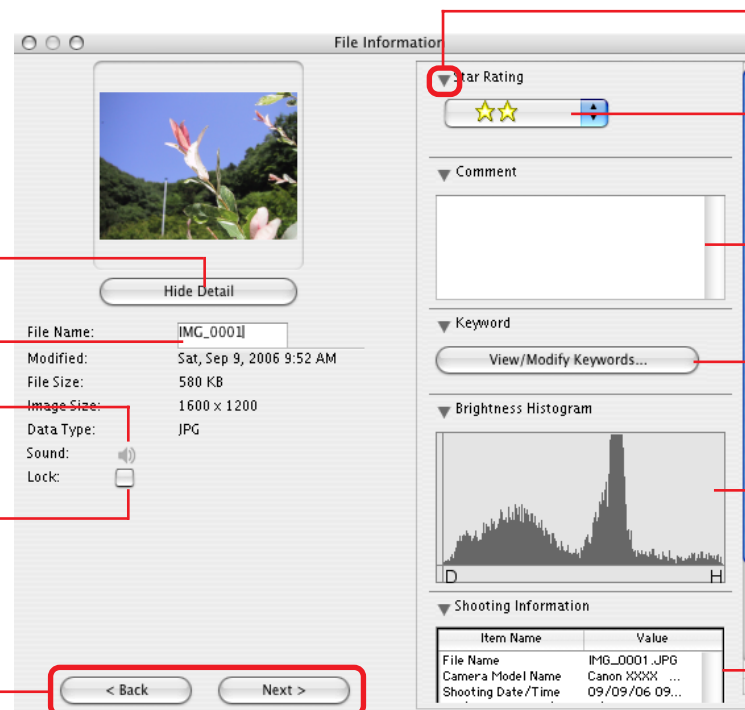
Hides the detailed information display at the right.

You can rename files.

You can play sounds if they are attached to images.

Placing a check mark here prevents the image from being overwritten or deleted.

You can view the shooting information for the image before or after the displayed image.



REFERENCE

- When an image taken by the camera is modified and saved by another program, information about the camera settings might be lost.
- If you select multiple images and display the File Information dialog box, clicking [Back] and [Next] switches between the information for the images in the selection.

You can open or close the details for each category by clicking the ▼ beside it.

Set a Star Rating.

Input a comment.

Set a keyword.

Histogram

Shooting information shown here will vary according to the camera model and image shooting settings.

Viewing Image Information (2/2)

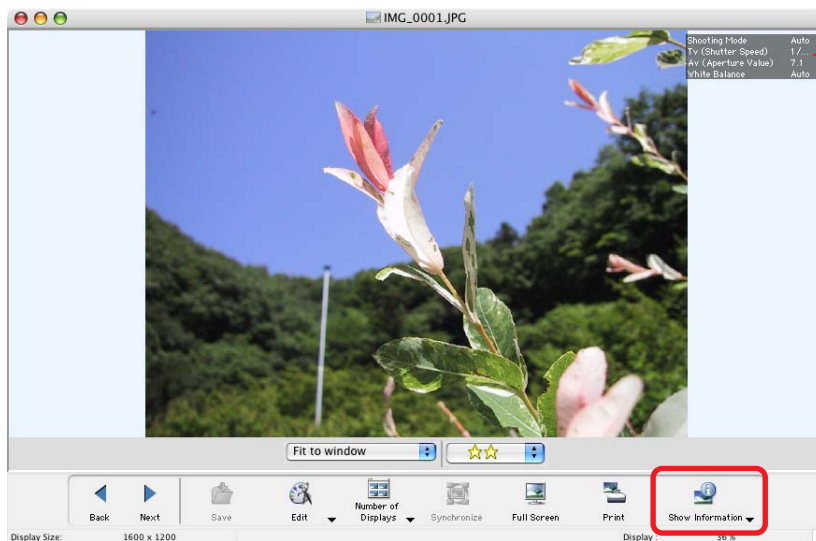
PROCEDURES



Viewing Information in the Viewer Window

Shooting information will display overtop the image when you click the [Show Information] menu and select [Show Shooting Information] when an image is displayed in the Viewer Window.

Shooting Information



Creating Folders

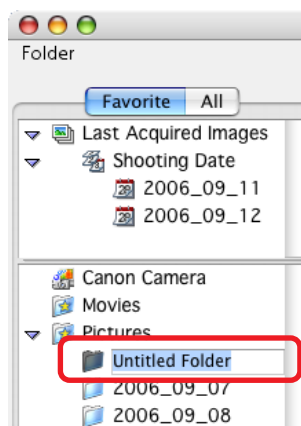
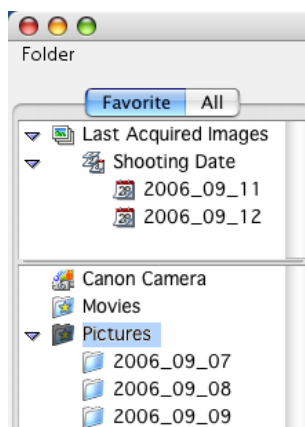
This section describes how to create folders within disks or other folders.

PROCEDURES



How to create a folder

1. Select the disk or folder in which you wish to create the new folder.

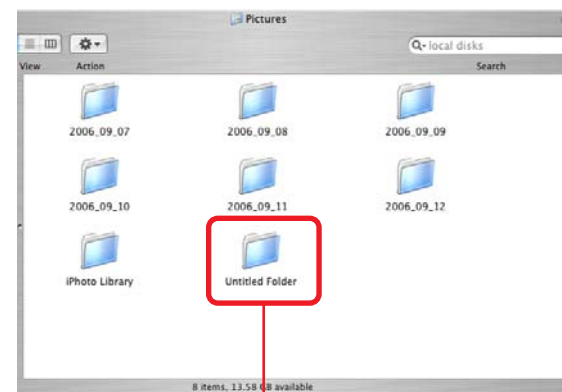


2. On the [File] menu, click [New Folder].

A new folder called [Untitled Folder] will be created.

REFERENCE

- See the *Renaming Images (2/2)* for the procedures for renaming folders.
- See the *Deleting Images* for the procedures for deleting folders.
- When you create a new folder in ImageBrowser, a new folder of the same name appears in the Finder.



New Folder

Editing Images (1/10)

This chapter explains the methods for handling images managed by ImageBrowser.

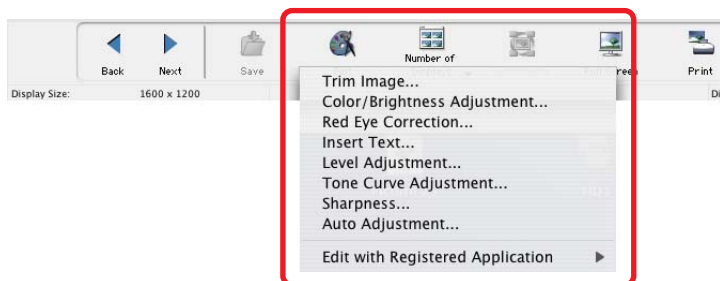
This section explains the procedures for editing images displayed in the Viewer Window.

EXPLANATION



About the Editing Features

You can perform the following editing procedures if you click [Edit] in the Viewer Window.



■ Trim Image

You can extract part of an image, leaving out parts that you don't need.

■ Color/Brightness Adjustment

Use this to change image appearances by adjusting the RGB (red, green, blue) intensity, saturation and brightness.

■ Red-Eye Correction

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

■ Insert Text

Use this to place text on the image.

■ Level Adjustment

Use this to adjust the levels in an image to change its appearance.

■ Tone Curve Adjustment

Use this to adjust the tone curve for an image to change its appearance.

■ Sharpness

Use this to emphasize and clarify the outlines of people and objects.

■ Auto Adjustment

Use this to automatically correct the image color balance.

■ Edit with Registered Application

See the *Editing Images with Other Software*.

Detailed explanations of these procedures start on the next page.

IMPORTANT

- These editing procedures cannot be used on RAW images or movies.

REFERENCE

- You can also edit images by clicking the [Edit] menu and selecting another image editing program from the [Edit with Registered Application] submenu.

Editing Images (2/10)

PROCEDURES



Trimming

Use this to delete unnecessary portions of the image and leave only the necessary portions.

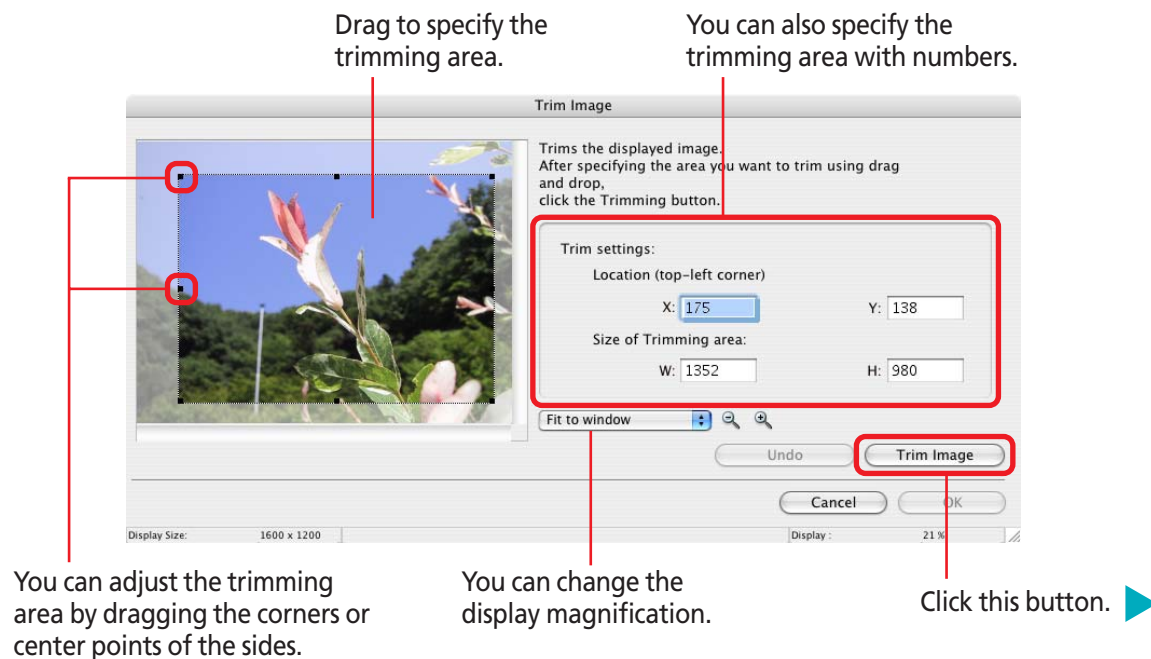
1. Click [Edit] in the Viewer Window and select [Trim Image].

The Trim Image window will open.

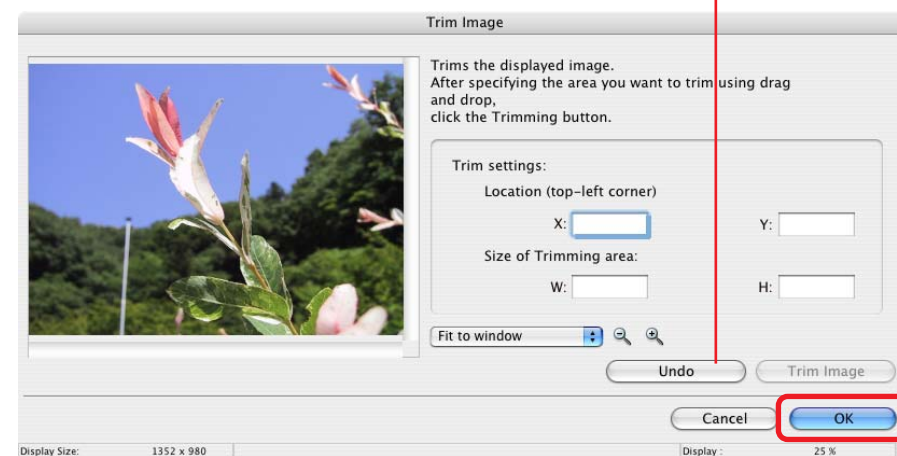
2. Position the mouse pointer over the image and drag it to select the trimming area.

3. Click [Trim Image].
The specified area is trimmed.

4. Check the trimmed image and click [OK].
This completes the trimming procedure.



Use this to reset the specified area.



Editing Images (3/10)

PROCEDURES

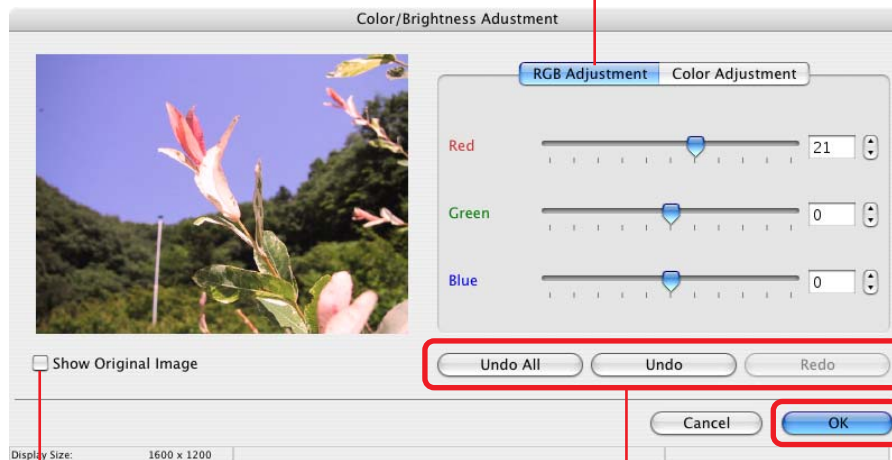


Adjusting Color and Brightness

Use this to adjust the RGB (red, green, blue) intensity, saturation and brightness of an image.

1. Click [Edit] in the Viewer Window and select [Color/Brightness Adjustment].
The Color/Brightness Adjustment window will open.
2. Use the sliders to adjust the color attributes and then click [OK].

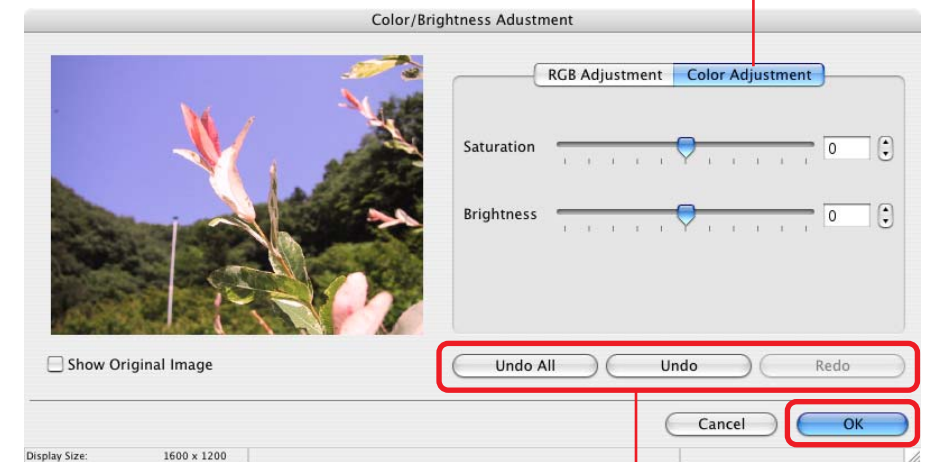
RGB Adjustment Window



You can use this button to compare the pre-adjustment image and the post-adjustment image by placing a check mark here.

Clicking [Undo All] restores the image to the state before the adjustments. Clicking [Undo] reverses the action taken immediately prior. Clicking [Redo] restores the action cancelled by clicking Undo.

Color Adjustment Window



Editing Images (4/10)

PROCEDURES



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

1. Select [Auto Mode] and click [Start].
Red eyes will automatically be corrected.
2. Click [OK] when it finishes correcting.

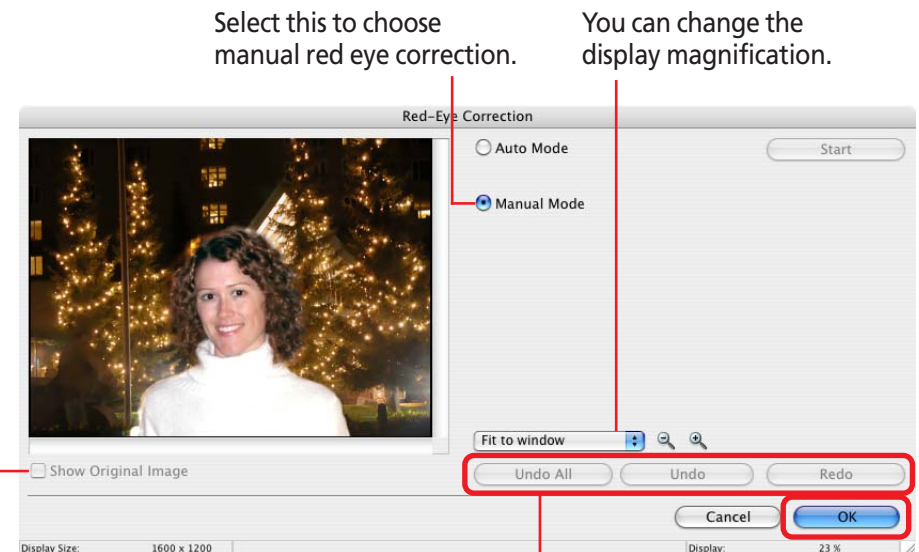


Select this to have it automatically perform the red eye correction.

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.

Manual Mode

1. Select [Manual Mode].
2. Move the mouse cursor over the red eye portion and click the relevant portion.
When you position the mouse pointer over red eyes, the corresponding area will be highlighted.
3. Click [OK] when it finishes correcting.



Select this to choose manual red eye correction.

You can change the display magnification.

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.

Editing Images (5/10)

PROCEDURES



Insert Text

Use this to place text on the image.

1. Click [Edit] in the Viewer Window and select [Insert Text].

The Insert Text window will open.

2. Move the mouse cursor over the image and click where you would like to place the text.

3. Input text and set the font type, size and other attributes.

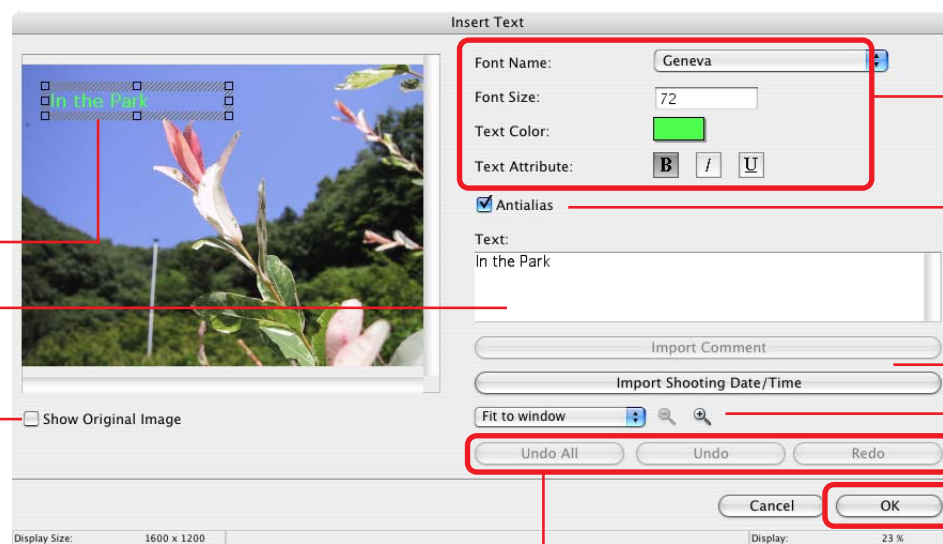
4. Click [OK].
This completes the text input process.

REFERENCE

- You can move the text frame by dragging it.
- You can change the text frame size by dragging the corners or mid-points on the sides.

Dragging (or clicking) on the window displays a text frame. Next, input the text into the box at the right.

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.



Sets the font, font size, text color and text attributes.

Place a check mark here to have the text edges blend into the image.

Inserts comments attached to the image or the shooting date/time.

You can change the display magnification and display area.

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.

Editing Images (6/10)

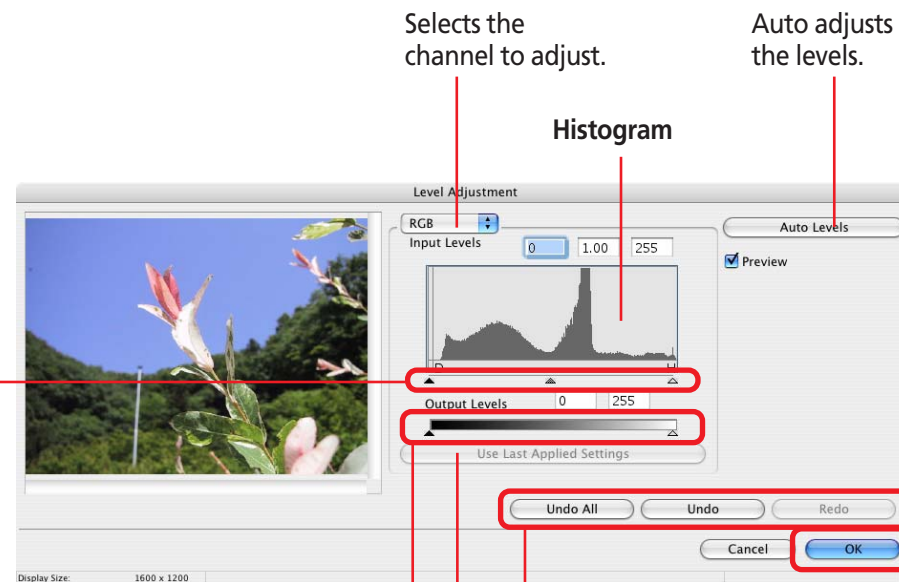
PROCEDURES



Adjusting Levels

You can adjust an image's highlights (brightest portions), shadows (darkest portions) and mid-tones while viewing its histogram.

1. Click [Edit] in the Viewer Window and select [Level Adjustment].
The Level Adjustment window will open.
2. Adjust the levels and click [OK].



Adjusts the post-adjustment shadow and highlight levels.

Use this to repeat the same adjustment.

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

Adjusts the image shadows (darkest portions), mid-tones and highlights (brightest portions).

Editing Images (7/10)

PROCEDURES



Adjusting Tone Curves

You can adjust image brightness and color balance using a tone curve (a revisable graph plotting the input and output brightness data).

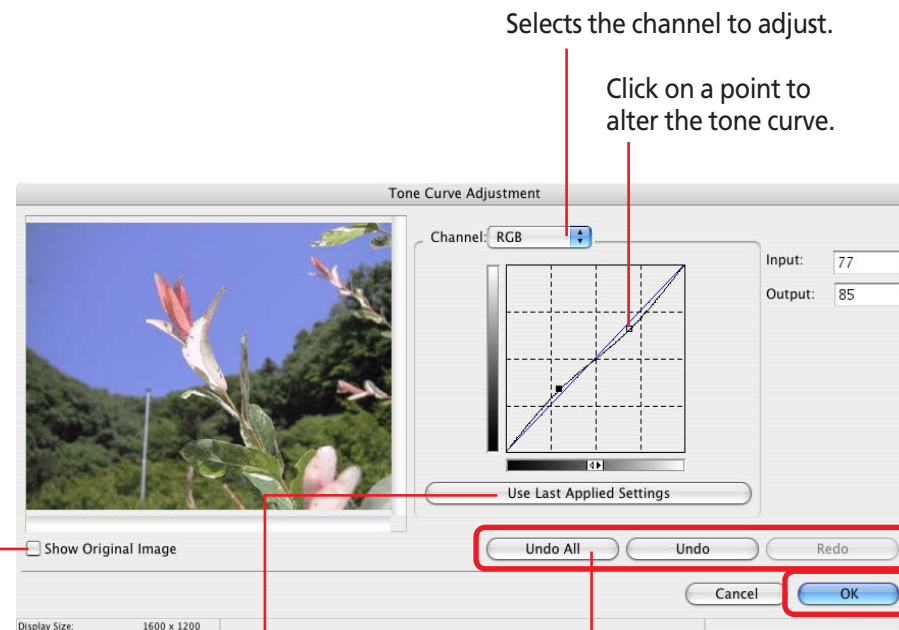
1. Click [Edit] in the Viewer Window and select [Tone Curve Adjustment].

The Tone Curve Adjustment window will open.

2. Adjust the tone curve and click [OK].

REFERENCE

- You can delete a point on the curve by selecting it and pressing the [delete] key.



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

Displays the pre-adjustment image.

Editing Images (8/10)

PROCEDURES

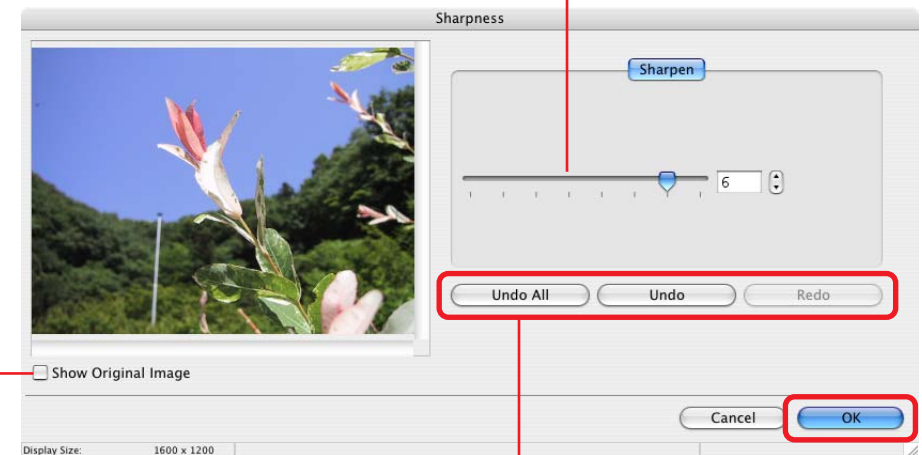


Adjusting Sharpness

Use this to emphasize and clarify the outlines of people and objects.

1. Click [Edit] in the Viewer Window and select [Sharpness].
The Sharpness window will open.
2. Adjust the settings and click [OK].

Displays the pre-adjustment image.



Sets the magnitude of the effect.

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

Editing Images (9/10)

PROCEDURES



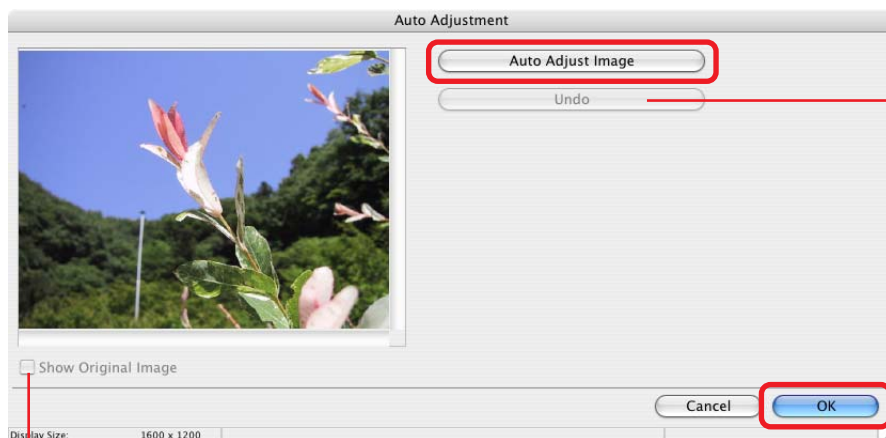
Auto Adjustment

Automatically adjusts the image color balance and brightness.

1. Click [Edit] in the Viewer Window and select [Auto Adjustment].

The Auto Adjustment window will open.

2. Click [Auto Adjust Image].



Click [Undo] to cancel the action immediately preceding.

Displays the pre-adjustment image.

3. Click [OK].
This completes the auto adjustment process.

Editing Images (10/10)

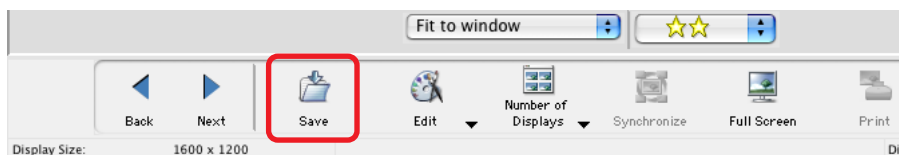
PROCEDURES



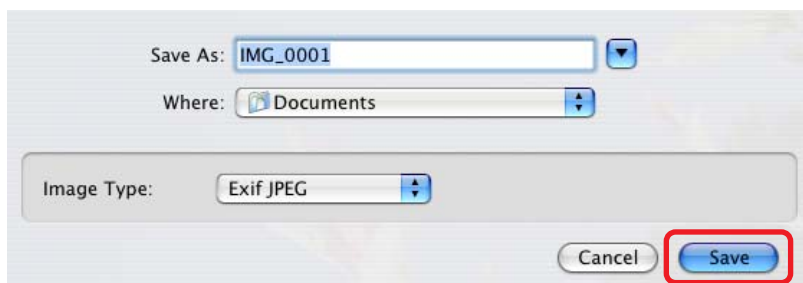
Saving images

Save the edited image under a different name.

1. After you modify an image, click [Save].
The file save dialog box will appear.



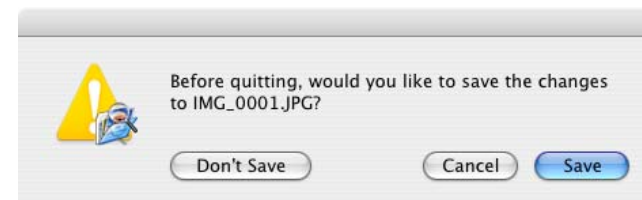
2. Type a file name, specify the image type and click [Save].



To overwrite the original with the edited image, you can use the file save dialog box to input the same file name as the original and save the file.

REFERENCE

- If you do not save the image after editing and close its window, a confirmation dialog will display to confirm whether or not you wish to save it.



To save the changes, click [Save]. In the save dialog box, type a name and specify the image type that you want to use. Then, click [Save].

If you do not want to save the changes, click [Don't Save].

- Exif JPEG is an image type that adds information such as shooting data to a JPEG image. This data can be handled in the same fashion as conventional JPEG images.

Editing Images with Other Programs

This section explains how to start other image editing programs to edit an image selected in ImageBrowser.

REFERENCE

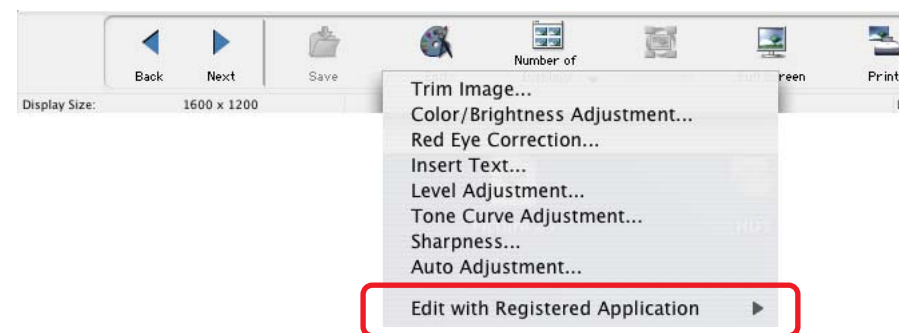
- To register other image editing programs, click the [ImageBrowser] menu and select [Preferences], followed by [Browser Window], and use [Register Application] to add programs.

PROCEDURES



Starting Registered Applications

1. Click [Edit] in the Viewer Window, select [Edit with Registered Application] and select an editing program from the submenu.



Select your application from this submenu (program names vary according to the camera model).

The image editing program starts and displays the selected image.

REFERENCE

- You can also start other image editing programs by clicking the [Edit] menu and selecting another program from the [Edit with Registered Application] submenu.

Creating Images for E-mail (1/2)

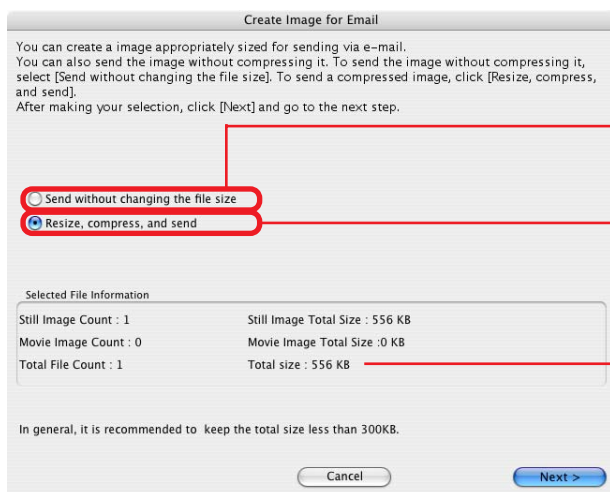
This section explains how to create email with image or movie attachments.

PROCEDURES



How to send an image by e-mail

1. In the Browser Area, select the image that you want to send.
You can also select several images.
RAW images cannot be attached.
2. Click [Internet] in the Control Panel and select [Create Image for Email].
3. Specify the compression method that you want to apply to the image.



Use this option when you do not want to reduce the size of the image.

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

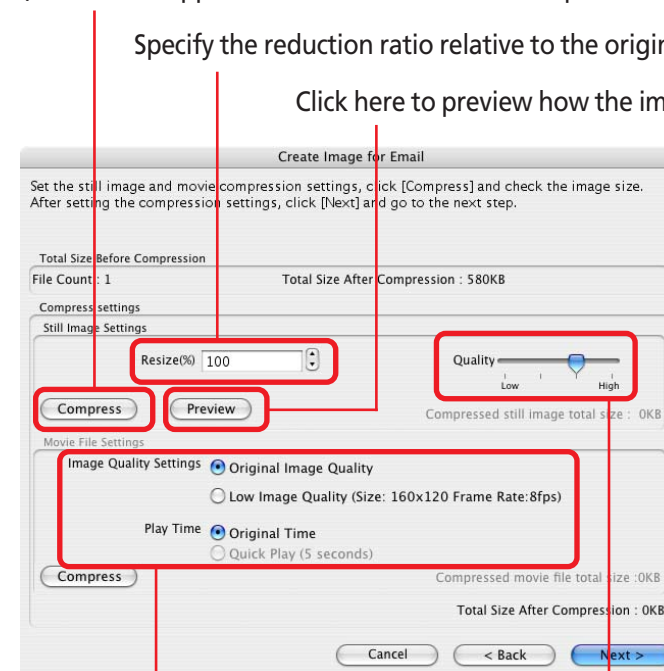
Confirm the total size of the file for transmission here.

4. Click [Next].

The Create Image for Email dialog box appears. (However, if you selected the "Send without changing the file size" option, the Send Email dialog box appears and you can proceed to step 7.)

5. Specify the reduction ratio and the image quality.

Use it to check the file size when you actually compress the image. (The file size appears in the Total Size After Compression category.)



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

Click here to preview how the image will appear after.

Set the image quality and play time here to send a movie.

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

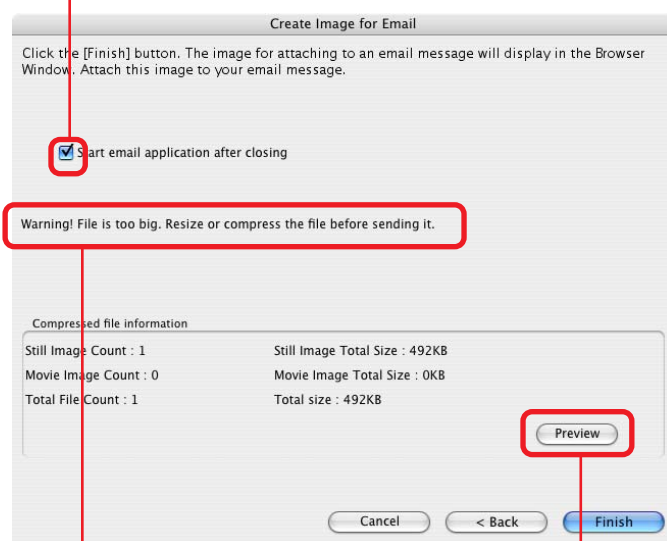
Creating Images for E-mail (2/2)

6. Click [Next].

The last window appears.

7. Save the image and select whether you want to start your e-mail program.

Save the image and place a checkmark here if you want to start your e-mail program.



A warning message displays when the file size is large.

Click here to check an image after changing it.

8. Click [Finish].

- If this is the first time you send an image in e-mail, the [Email Images] folder appears in the Explorer Panel Section, and the image is saved in that folder. If the [Email Images] folder already exists, the image is saved in that folder.

- When you click [Finish], your e-mail program starts automatically if you have selected "Start email application after closing" in Step 7. Please note that some e-mail programs may not support auto startup.
- You can send the image you just created by opening a new e-mail and attaching the image to the e-mail message.
- With e-mail programs, you can attach images to e-mail messages simply by dragging them from the Browser Area to the new message window.

REFERENCE

- Changing the Email Program that Starts Automatically

Mac OS X 10.2

Open [System Preferences] and select [Internet]. Use the [Email] tab to select the program.

Mac OS X v10.3/10.4

Open the [Applications] folder on the startup disk and double-click [Mail] within it to start the Mail program. Click the [Mail] menu and select [Preferences]. Use the [General] tab to select the program.

- In Mac OS X, open the following folders to find the folder containing e-mail images. On the startup disk open [Users], [your user log-in name], [Library], [Preferences], [ImageBrowserUserData] and [Mail].

Exporting Images (1/3)

This section explains how to change the size, resolution or data type of a selected image and write it to a new file, and to export the shooting information to a text file.

EXPLANATION



Export Options

The following types of image export options are available.

Edit and Save Image

You can change the data type or size and the file name and save it. Select one of four data types: JPEG, PICT, TIFF or BMP. You can also add identifying characters to the start of the file name.

Export Shooting Properties

You can select the necessary data from the detailed shooting information and export it to a tab-delimited text file.

Export as a Screensaver

You can export a selected image as a screen saver file.

Export an Image as Wallpaper

You can export a selected image as a wallpaper file.

REFERENCE

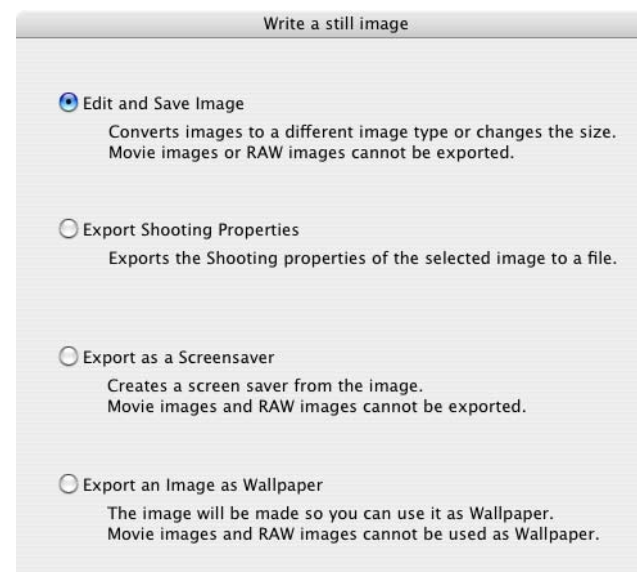
- Only the Export Image Shooting Properties option can be used with movie files and RAW images.

PROCEDURES



Exporting Images

- 1. Select the image(s) in the Browser Area.**
You can export a multiple selection of images except when the Export an Image as Wallpaper option is selected.
- 2. Click the [File] menu and select [Export Images].**
A dialog for selecting the export options will open.
- 3. Select an export option and click [Next].**



- 4. Set the export settings.**
The procedures from this point onward vary according to the export format.

Exporting Images (2/3)

EXPLANATION



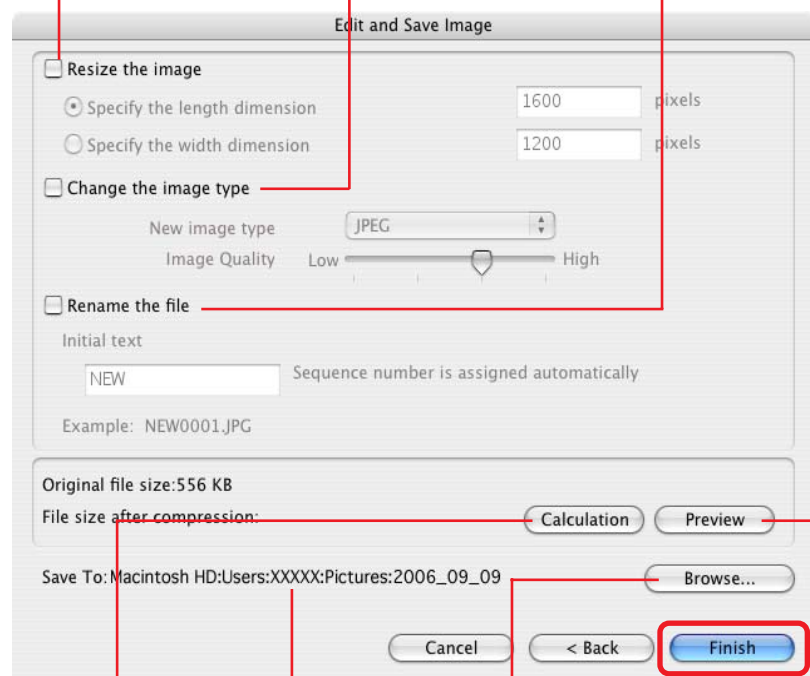
Editing and Saving Images

Click [Finish] after specifying the settings.

Changes the image size.

Changes the image type.

Changes the image file name.



Destination Folder

Calculates the post-conversion file size.

Changes the destination folder.

You can confirm the post-conversion image.

EXPLANATION

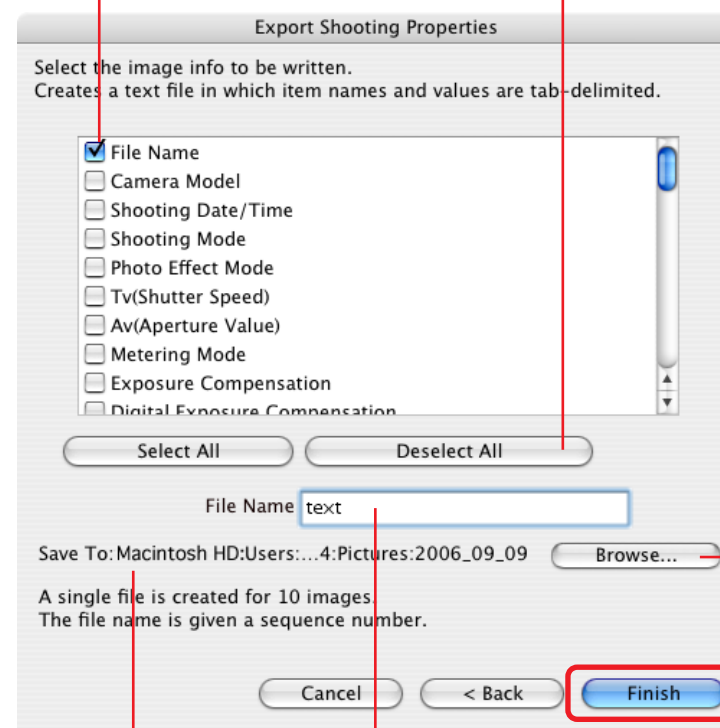


Exporting Shooting Properties

Click [Finish] after specifying the settings.

Place check marks beside the export categories you want.

You can insert or remove all check marks at once.



Destination Folder

You can input a file name.

Changes the destination folder.

Exporting Images (3/3)

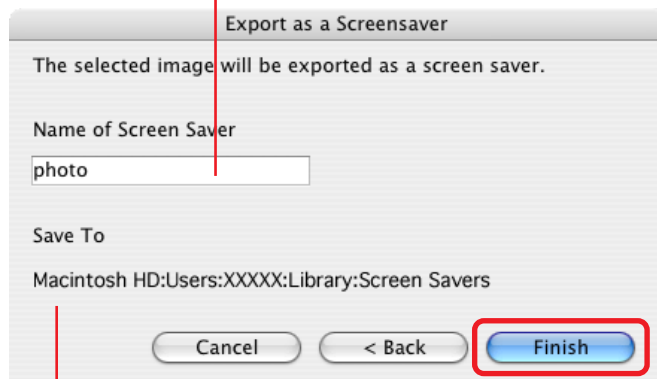
EXPLANATION



Exporting as a Screen Saver

Click [Finish] after specifying the settings.

Input a screen saver name.



Destination Folder

EXPLANATION



Exporting an Image as Wallpaper

Click [Finish] after specifying the settings.

Selects a display method for the image.



Running Slide Shows (1/3)

This section describes how to use slide shows that display multiple selections of images in sequence at full screen size.

IMPORTANT

- RAW images and movies cannot be shown in slide shows.

PROCEDURES



Setting up a slide show

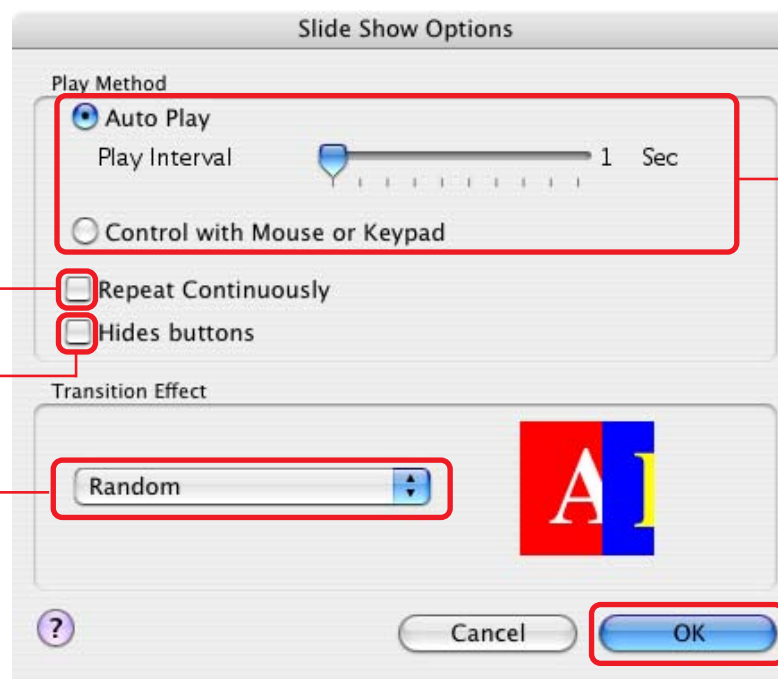
First, you need to specify how to run the slide show.

1. Click the [View] menu and select [Slide Show Options].
2. Set the display options and click [OK].

Select this option if you want to continue running the slide show when it ends.

Place a check here if you do not wish the buttons to show while a slide show is in progress.

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 in the area to the right.)



Select the "Auto Play" option if you want the slide show to proceed automatically and go to the next slide after a predetermined number of seconds. Select the "Control with Mouse or keypad" option if you want to control the progress of the slide show manually.

Running Slide Shows (2/3)

PROCEDURES



How to run a slide show

1. Select the images for the slide show in the Browser Area.
2. Click [SlideShow] in the Control Panel.
Slide show will start.



REFERENCE

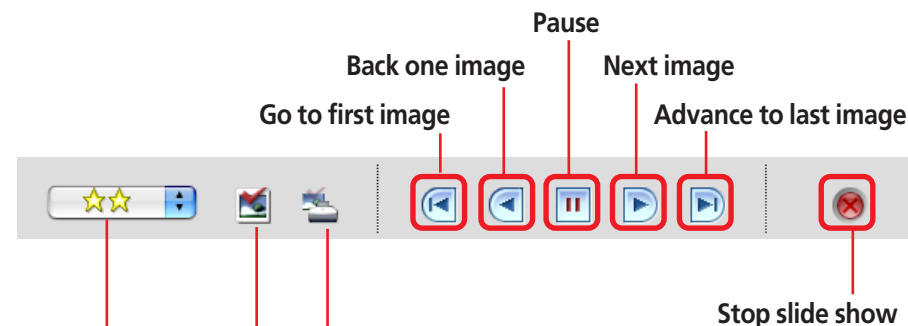
- To show all of the images in a folder in a slide show, it is convenient to click the [Selecting Images] menu in the Display Control Panel and select [Select All].

EXPLANATION



Slide Show Control Panel

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



Print Settings Button

You can select an image to print. After the slide show ends, the image for which this button was clicked displays in the print window.

Select Images Button

You can select images. After the slide show ends, the image for which this button was clicked appears in the selected state in the Browser Area.

Star Rating Settings Button

You can set the Star Rating for an image while it is displayed.

Running Slide Shows (3/3)

If you selected “Control with Mouse or keypad” in the Slide Show Options dialog box, you can control the slide show as follows:

■ To move to the next image

Press the [return] or [-->] key.
Click the image.*

■ To return to the previous image

Press the [←] key.
Hold the [shift] key and click the image.*

■ To end the show

Press the [esc] key.

REFERENCE

- The operations marked with an asterisk can only be used when [Hides buttons] has been selected in the Slide Show Options dialog. (The mouse actions are disabled when the buttons are displayed.)

If you selected Hides Buttons in the Slide Show Options window, you can display the control menu while a show is in progress by pressing and holding the [control] key while clicking with the mouse. You can control the slide show with this menu. (This procedure can also be used if you selected Auto Play.)



Adding Sounds to Images (1/2)

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

IMPORTANT

- You cannot add sound files to movies.


REFERENCE

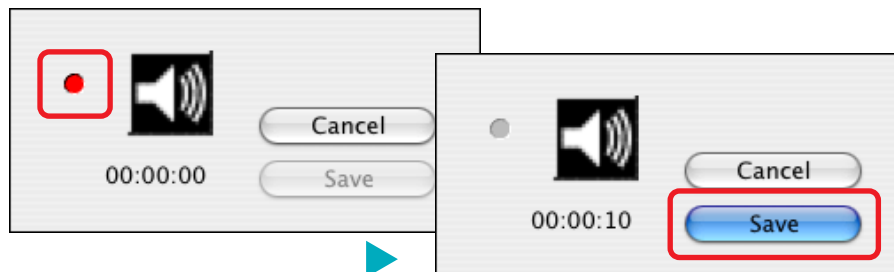
- You use the Mac OS X recording function to record ImageBrowser sounds. Prepare the microphone if one is provided with your computer, and confirm that the settings are correct for recording by opening the [System Preferences] dialog box and selecting [Sound].

PROCEDURES



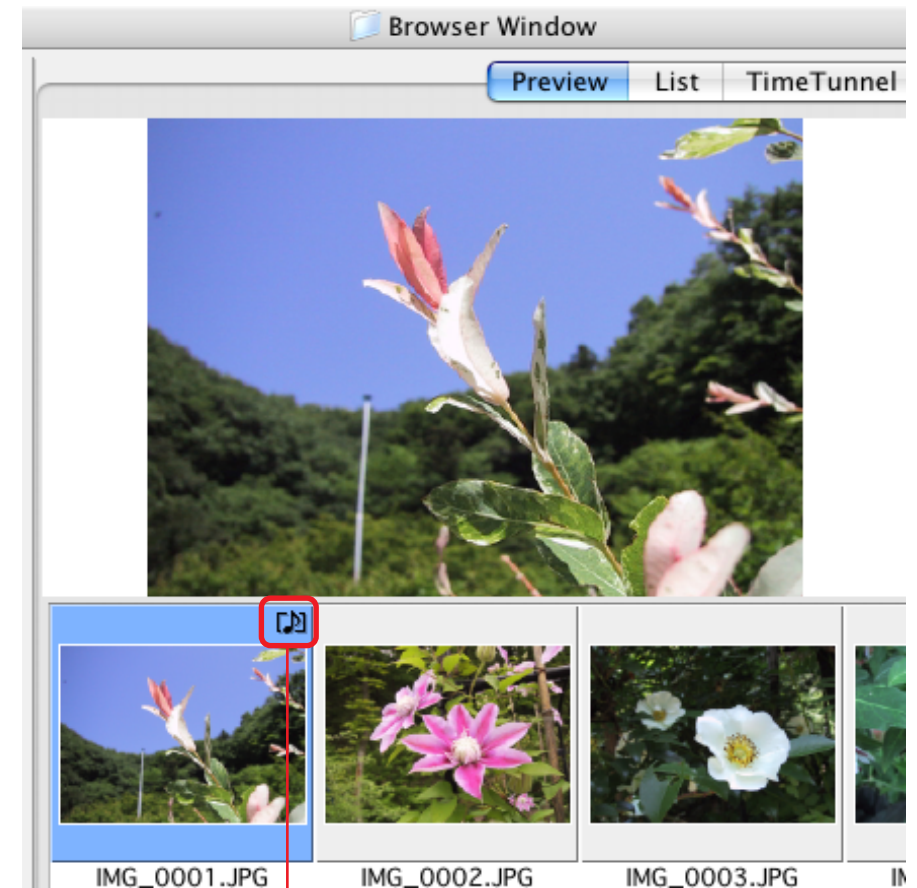
How to add a sound to an image

1. Select an image in the Browser Area.
2. Click the [File] menu and select the [Sound] submenu, followed by [Record].
The following dialog box appears.
3. When you click , the [Save] button becomes enabled and recording starts.



4. To stop recording, click [Save].

The sound is added to the image.
The following mark appears when an image is accompanied by sound.



This mark indicates an image with sound.

Adding Sounds to Images (2/2)

PROCEDURES




How to play sound added to an image

1. Select an image with a sound attached.
2. Click the [File] menu and select the [Sound] submenu, followed by [Play].

Sound will play.

You can control playback by clicking [Pause] or [Stop] on the [Sound] menu.

REFERENCE

- You can also play sounds by clicking  in the Information Panel when the display mode is set to Preview or in the File Information dialog box.
- To delete a recorded sound, select the image to which it is attached, click the [File] menu and select the [Sound] submenu, followed by [Send to Trash].
- You can record a new sound by selecting an image that has a sound attached already, clicking the [Sound] menu and selecting [Record].
- When you add a sound to an image, the sound file is created in the same folder as the image file as an AIFF format file with the [.aif] file name extension.

Printing Images

EXPLANATION



Three Printing Methods

You can select between the following three methods for printing images.

■ Printing One Photo Per Page

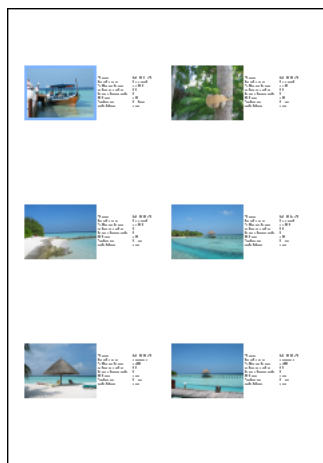
This method prints one image per page. You can use it to print images like photos with ease. If you select more than one image, the corresponding number of pages are printed.



This method is explained in *"Printing a Single Image on a Single Page"* in Chapter 2.

■ Printing Indexes

This method prints a selection of multiple images in columns and rows in an index format.



■ Layout and Print

This method allows you to lay out the selected image(s) in special arrangements and add text and decorations, printing them as one page in a fancy album.

This method is explained in the *"Layout and Print"* topic.

Vacation Memories



Blue sky, white clouds, and a beautiful ocean.

Remember
your time
on the water!



Boat to the island

Printing Indexes (1/2)

1. Select images in the Browser Area.
2. Click [Print] in the control panel and select [Index Print] from the displayed menu.
The Index Print window will open.



3. Set the categories as desired.

Sets the number of print copies.

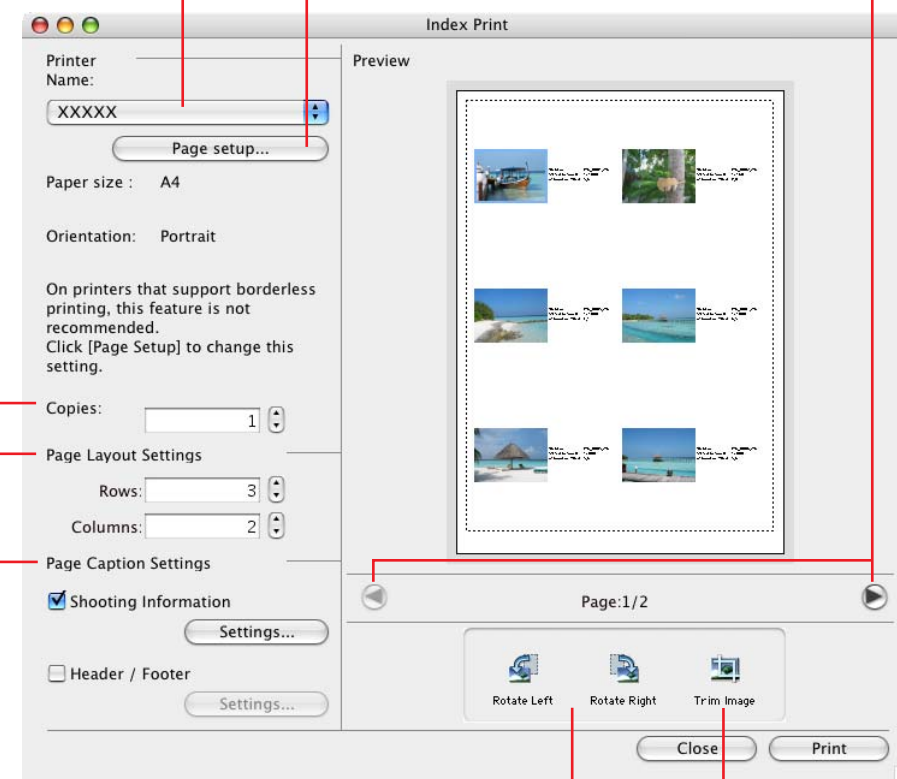
Sets the number of rows and columns.

Sets the print settings for shooting information, comments, headers, footers and page numbers.

Selects a printer.

Selects the paper size and orientation.

Click this button to switch between pages if the printout is more than one page long.

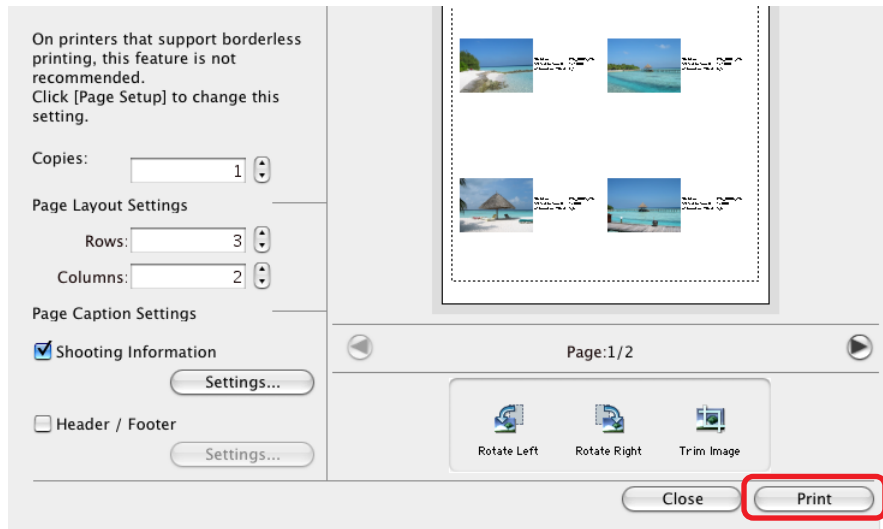


Rotates images.

Click this to use the trimming function (crops a portion of the image).

Printing Indexes (2/2)

4. Click [Print].



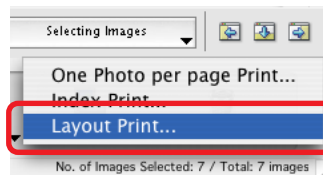
5. When the Print window opens, click [Print]. Printing will start.

Layout and Print (1/7)

1. Select an image in the Browser Area.

2. Click [Print] in the Control Panel and select [Layout Print] from the displayed menu.

The Layout Print window will open.



REFERENCE

- When the Print window is open, the shooting date and file name appear as captions under the image when the respective options have check marks in the Preferences dialog. Click the [ImageBrowser] menu and select [Preferences], and in the [Print] category place a check mark in the [Shooting Date] and/or [File Name] options.

3. Select a print style from among the following.
The styles that display will depend upon the printer in use.

■ Custom layout printing

Allows you to specify the size and location of the images freely.

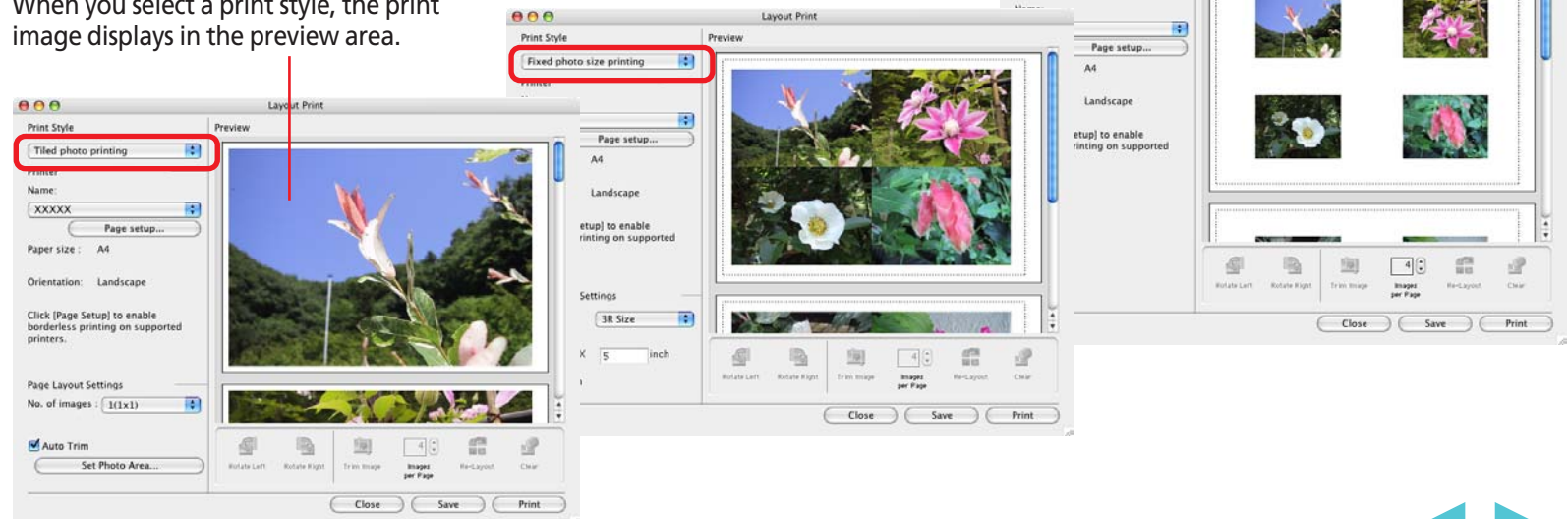
■ Fixed photo size printing

Allows you to squeeze images together to fit the specified paper size. After printing, you can obtain photo-like prints by separating the images with a cutter.

■ Tiled photo printing

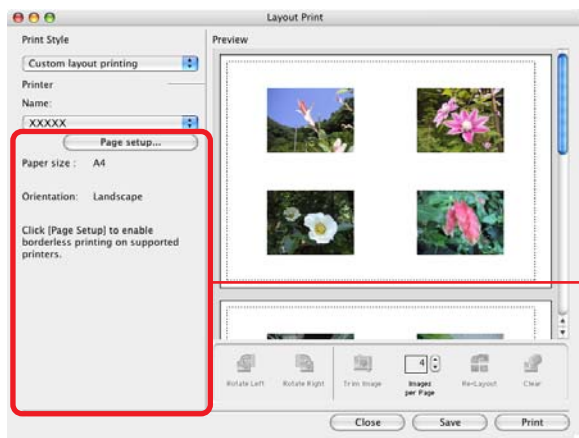
Allows you to have the program lay out and print the specified number of images per page with no gaps between images on the page.

When you select a print style, the print image displays in the preview area.



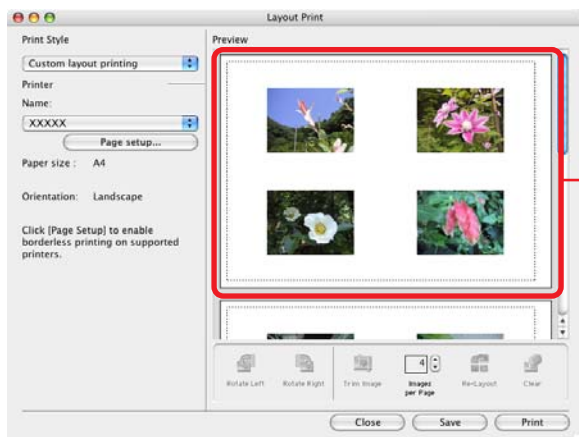
Layout and Print (2/7)

4. Set the page layout.
The settings will vary according to the selected print style.



Adjust the settings in this section (the setting values will vary according to the selected print style).

5. Lay out the image and text in the preview area.
The layout settings are explained in "Setting the Layout in the Preview Area."



Change the size or position of images and input text.

6. Click [Print] when you finish adjusting the settings.
7. When the Print window opens, click [Print].
Printing will start.

IMPORTANT

- Printing may take a long time depending upon the number and size of the images.

REFERENCE

- You can save the layout you create by clicking [Save] in the Print window or by clicking the [File] menu and selecting [Save].

Layout and Print (3/7)

PROCEDURES



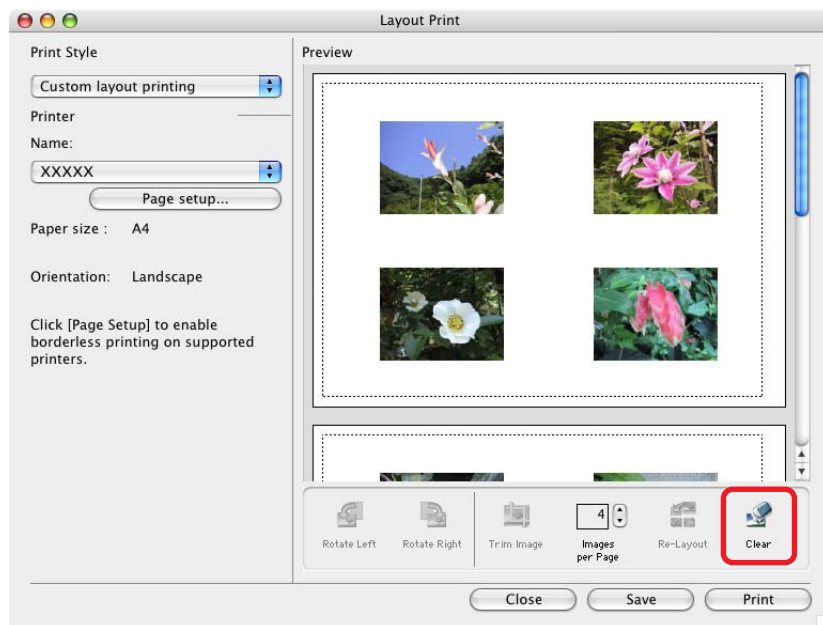
Setting the Layout in the Preview Area

■ Adding Images

You can add images by dragging them from the Browser Area and dropping them into the Print window.

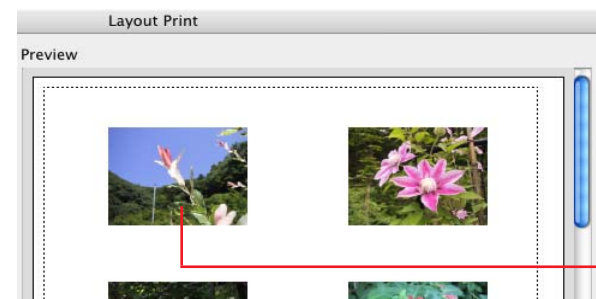
■ Deleting Images

You can clear images from the Print window by selecting them and clicking [Clear].

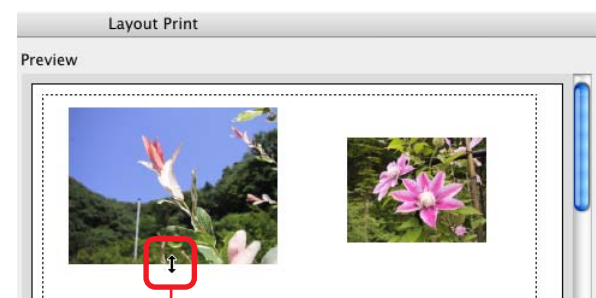


■ Moving or changing the size of an image

When [Custom layout printing] is selected from the [Print Style] menu, you can move or change the size of an image.



Drag the image that you want to move.

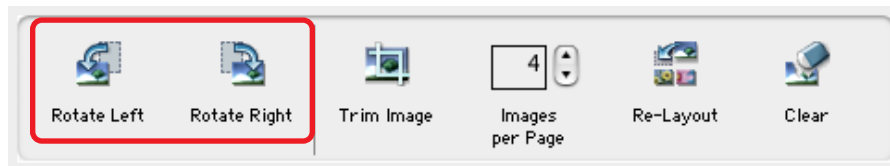


Drag any side of the frame of the image to change its size.

Layout and Print (4/7)

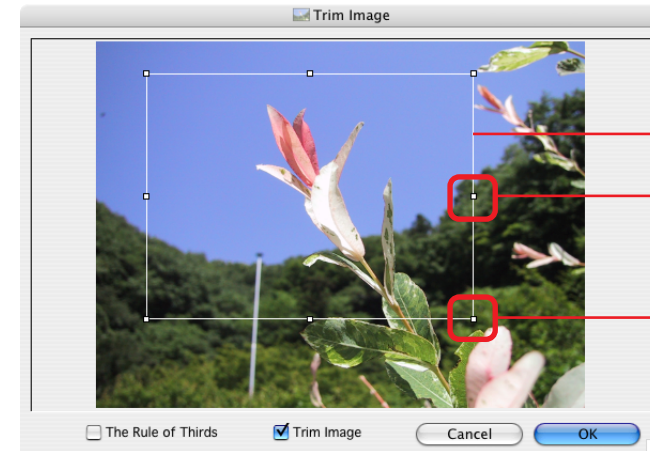
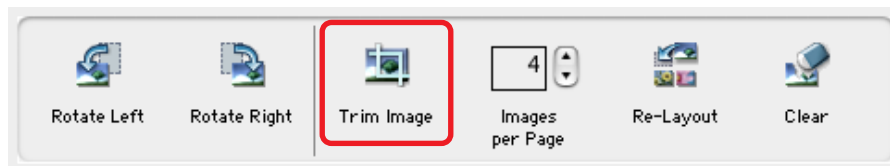
Rotating Images

This rotates images 90 degrees left or right.



Trimming Images

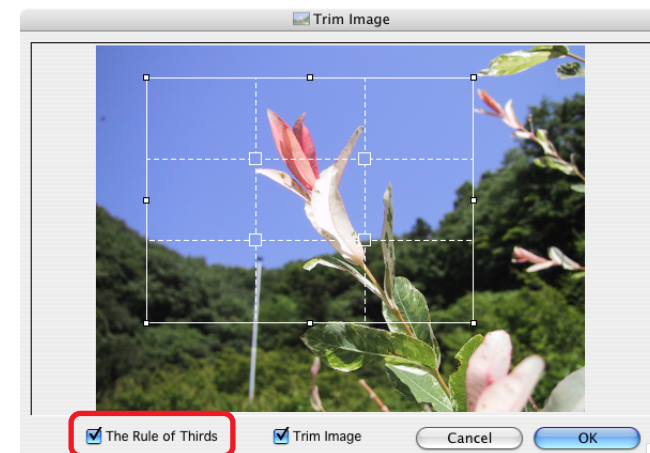
Trimming is a function that crops a portion of the image. When the image displays, drag one of the corner or edge points of the white frame to set the area to be cropped and click [OK]. To move the cropping frame, drag inside it with the mouse cursor.



The area inside the white frame is the trimming area (portion that will be printed).

Drag the corner or edge points.

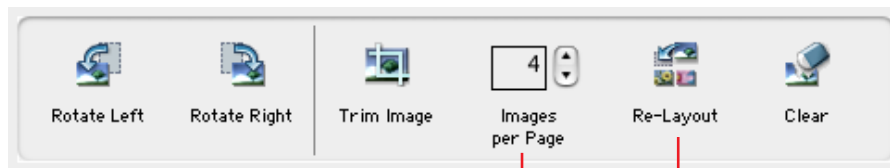
A white dotted line will display if you place a check mark beside [The Rule of Thirds]. You will have a balanced composition if you position the person or building you wish to make prominent within the white dotted lines or at the intersections (white squares).



Layout and Print (5/7)

■ Setting the Number of Images Per Page/Rearranging

When [Custom layout printing] is selected from the [Print Style] menu, you can use the following functions.

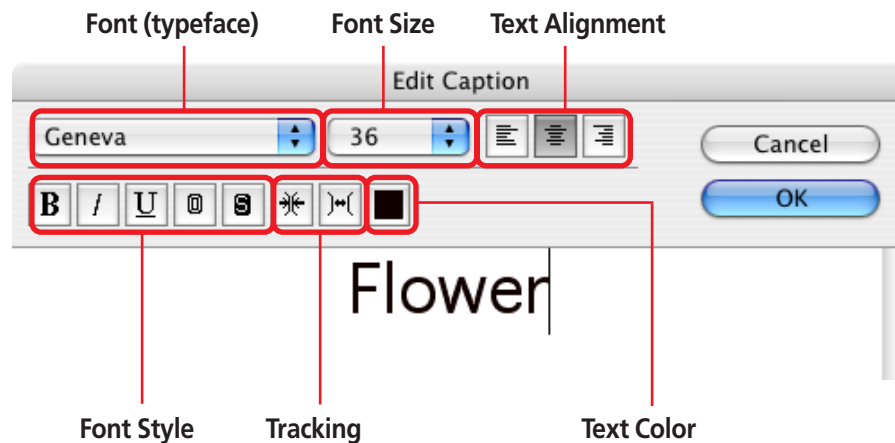


Specify the number of images that you want to see on each page.

Click to reorganize the images according to their file size.

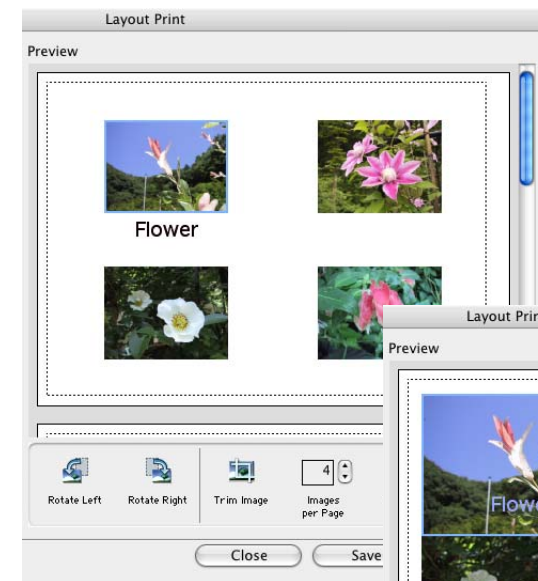
■ Typing a caption

You can type captions for individual images. Select an image and on the [Edit] menu, click [Edit Caption]. The Edit Caption window appears. Type your caption and specify the font and its size, as well as any styles that you want. Click [OK].

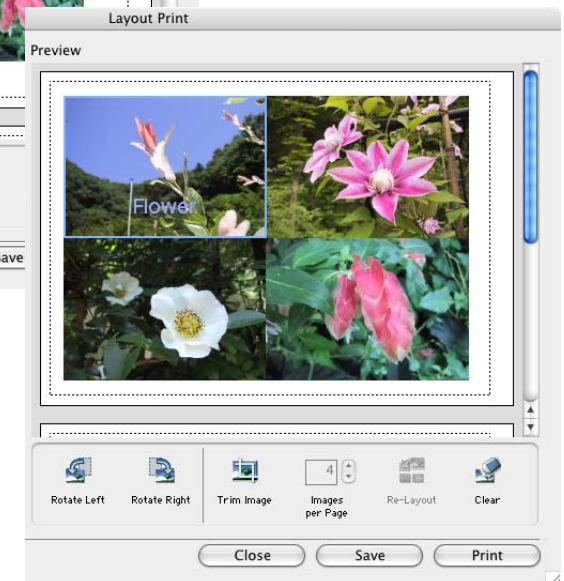


The location of the caption differs depending on what kind of print style you have selected.

Custom Layout Example



Fixed Photo Size Example

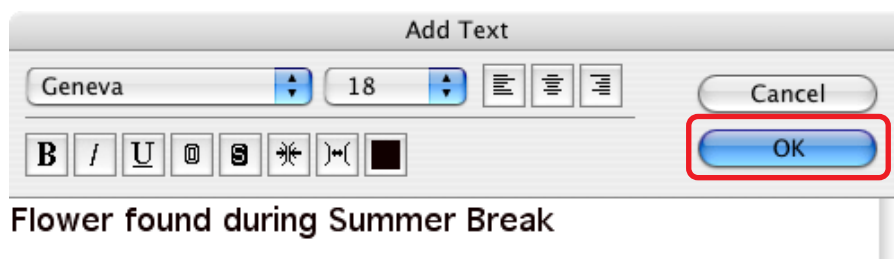


Layout and Print (6/7)

■ Typing text

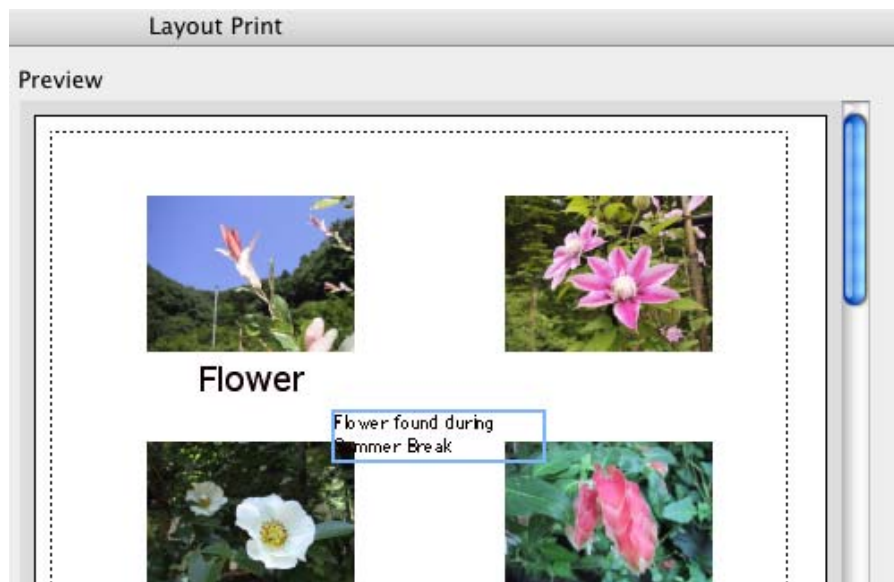
You can type text anywhere you want in the layout.

First, make sure that nothing is selected and on the [Edit] menu, click [Add Text]. A window where you can type text appears. Type your text and specify the font and its size, as well as any styles that you want. Click [OK].



Flower found during Summer Break

The text appears in the center of the page.



Text surrounded by a frame is called a “text box.” You can control text boxes as follows:

Moving text boxes

You can move text boxes by dragging them.

Changing the size of text boxes

You can change the size of a text box by dragging its left or right edge. The number of lines in the text box changes automatically according to its size.

Editing text boxes

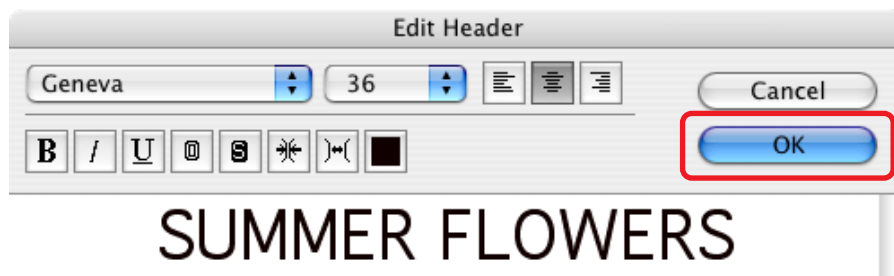
First select a text box and on the [Edit] menu, click [Edit Text]. A window where you can edit your text appears. Edit your text. Another way to open this window is to double-click the text box.

Layout and Print (7/7)

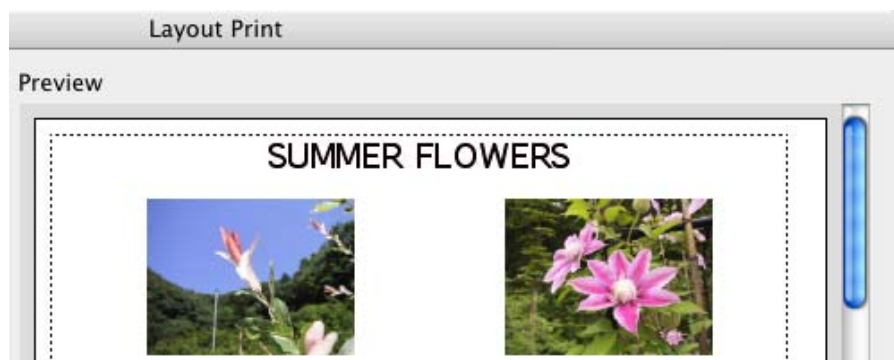
■ Typing a header

You can type a page header.

First, make sure that nothing is selected and on the [Edit] menu, click [Edit Header]. The Edit Header window appears. Type your text and specify the font and its size, as well as any styles that you want. Click [OK].



The header appears at the top of the page.



■ Duplicating images

After selecting an image, click the [Edit] menu and select [Copy Image] to display the copy dialog. Specify the number of copies in this dialog and click [OK] to create only the specified number of copies. (This cannot be used for Index printing.)

Printing Images over Multiple Pages

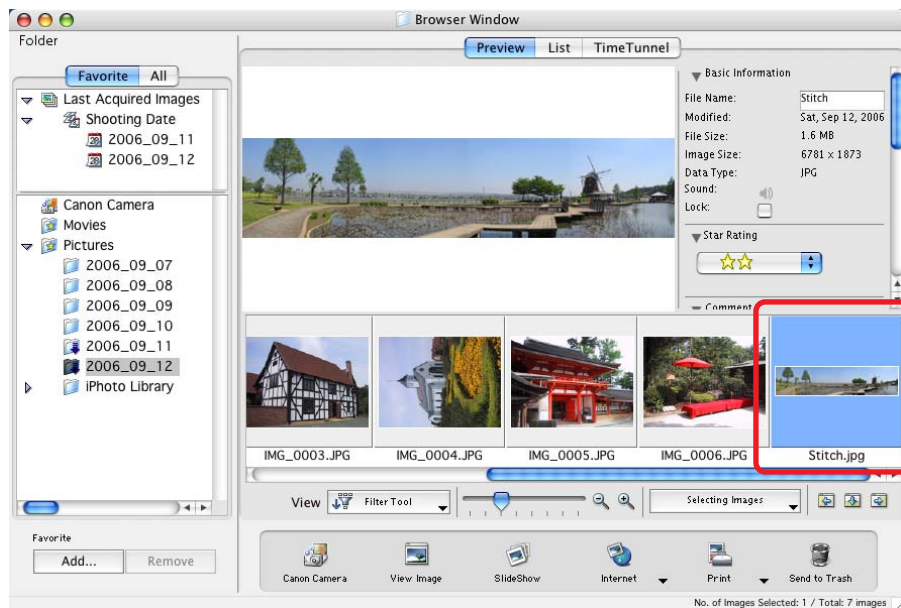
This function prints images, such as panoramic images created with PhotoStitch, over several pages. You can paste the printed pages together after printing to create one large print.

PROCEDURES



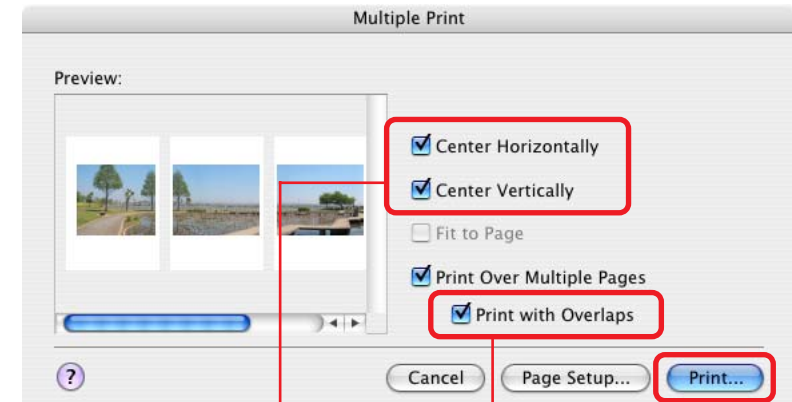
Multiple page printing

1. Select an image in the Browser Area for printing.



2. Click the [File] menu and select the [Print] submenu, followed by [Multiple Page Print].

3. Adjust the print settings in the dialog box illustrated below and click [Print].



Position setting

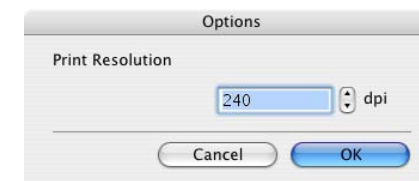
Sets the overlap for binding.

Printing starts.

REFERENCE

- If you are going to change the print size, you must make the change before you print over multiple pages. Open the print resolution settings window by clicking the [File] menu and selecting the [Print] submenu, followed by [Multiple Page Print Options].

The smaller you make the resolution, the larger the image is printed. Similarly, the larger you make the print resolution, the smaller the image is printed.



Sorting Images by Date and Time - TimeTunnel (1/2)

This section describes how to use TimeTunnel to sort images by date and time, like arranging images in a time tunnel.

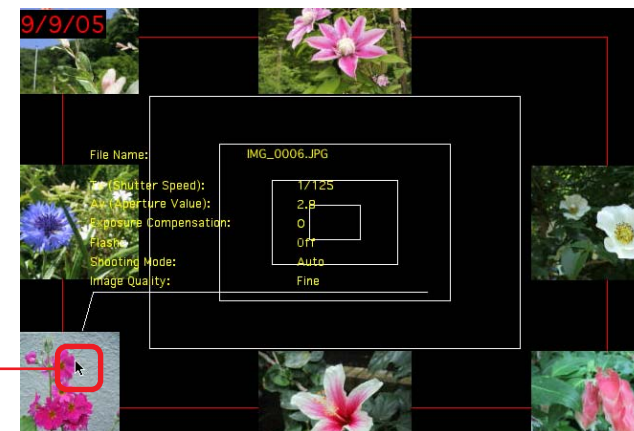
PROCEDURES



Displaying images in TimeTunnel

Select [View Mode], followed by [TimeTunnel] to perform the following operations in TimeTunnel display.

Point at an image and wait a moment. The information about the image is displayed.

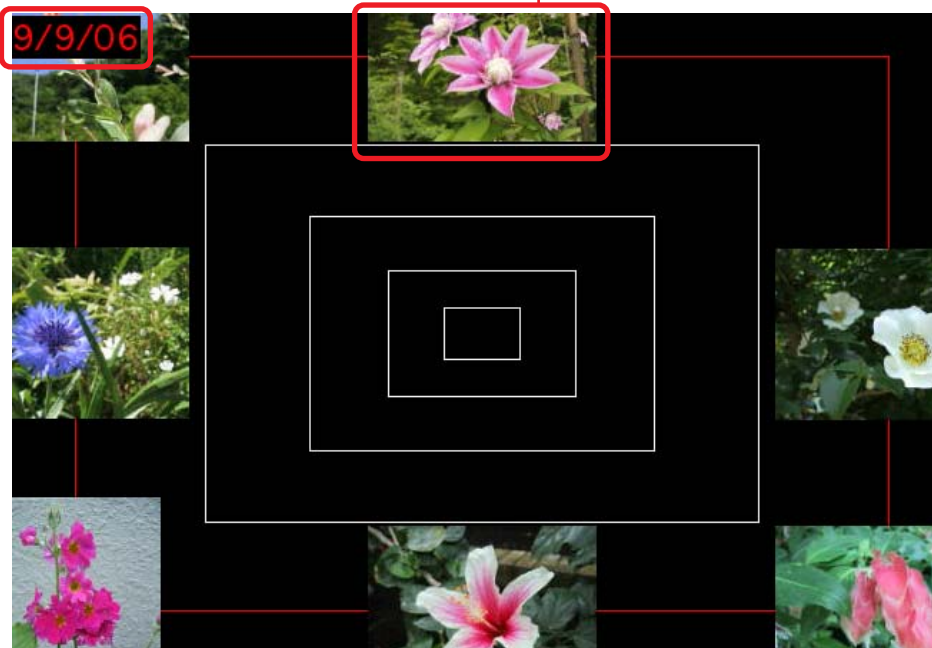


Double-click a thumbnail to display it in another window.

The date/time at which the images were shot appears on the red line. You can change this date/time by double-clicking it on the display. A window similar to the one below appears. Specify the new date/time.



If you select "Find and Show Item" and no images with that date are found, the closest match to the date is displayed instead.



Control Panel



Drag this bar up or down to shift the tunnel display.

Click to display the control panel menu (the menu is explained on the next page).

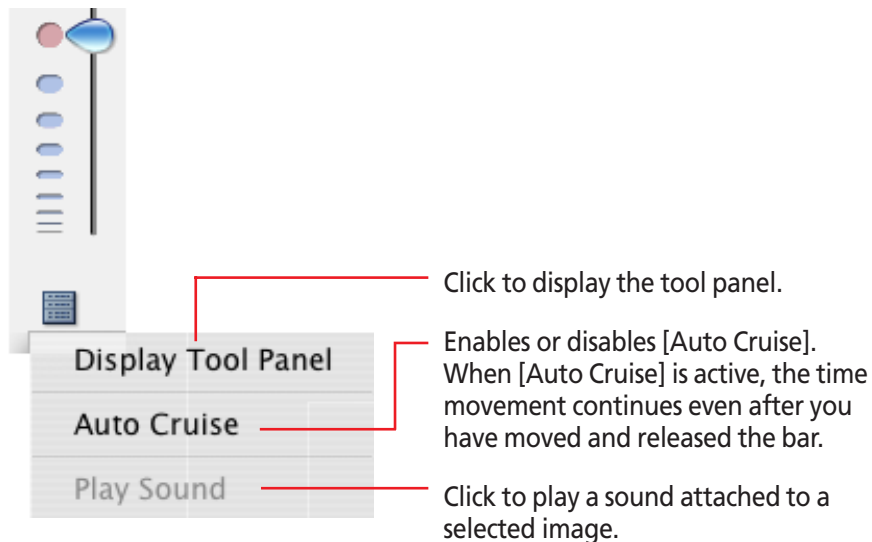
Sorting Images by Date and Time - TimeTunnel (2/2)

EXPLANATION



Using the Control Panel menu

The Control Panel menu allows you to control TimeTunnel.

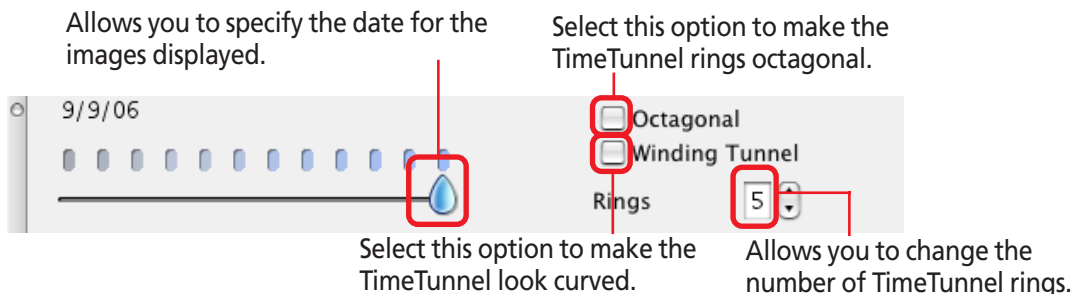


EXPLANATION



Using the Tool Panel

To display the following tool panel, click [Display Tool Panel] on the Control Panel menu.

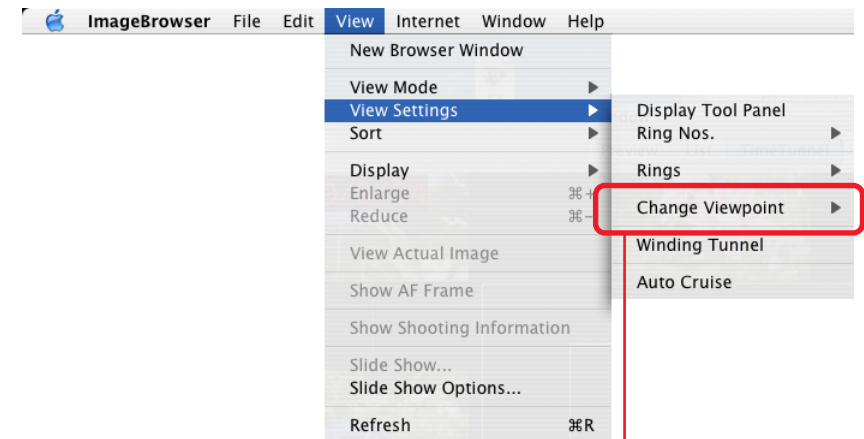


HINT

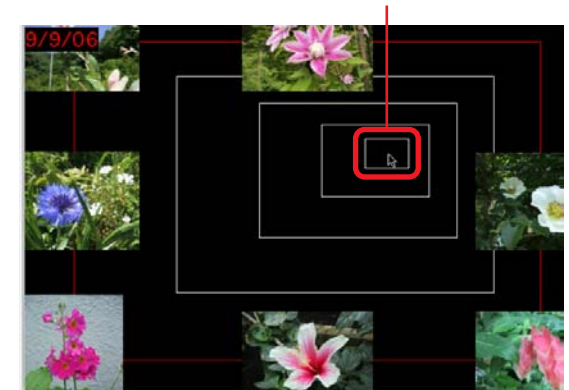


Adjusting settings from the Display menu

On the [View] menu, you can also select the [View Settings] submenu to adjust the settings.

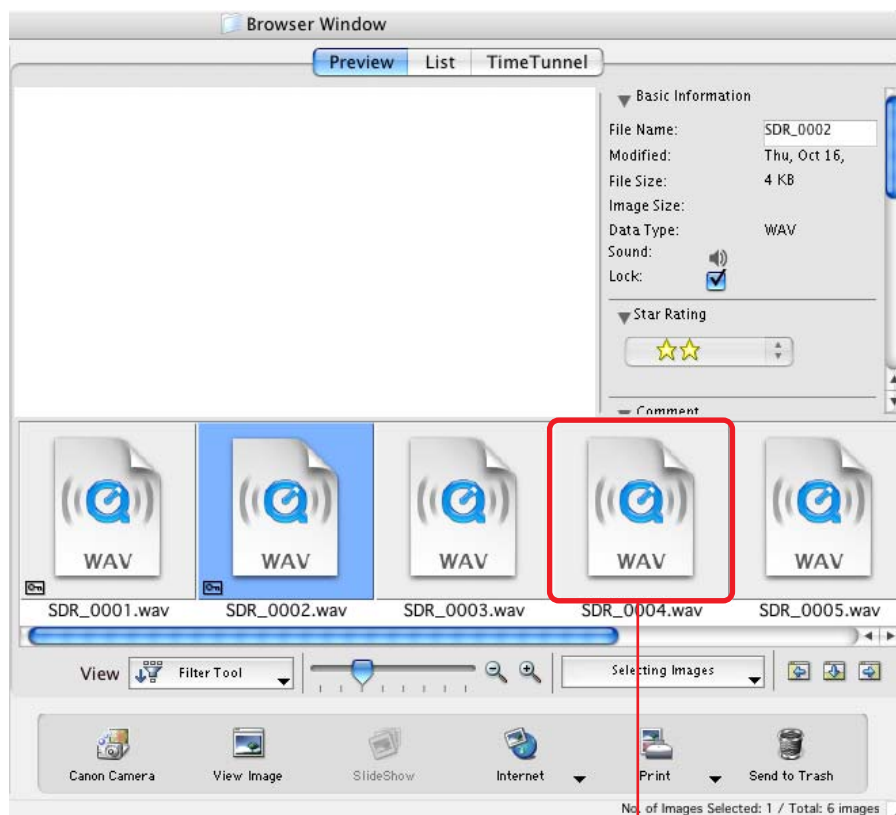


Click the [Change Viewpoint] menu and select [Mouse Click Point] to have the tunnel end move to the point where you click.



Playing Sound Files

Sound files recorded with the camera's Sound Recorder feature can be downloaded like regular image files to the computer. The sound file symbol will appear on the thumbnails in the Browser Area.



Sound File Symbol

You can replay a sound file by selecting it, clicking the [File] menu and the [Sound] submenu, and selecting [Play]. During replay, you can control the playback by clicking the [Sound] menu and selecting [Pause] or [Stop]. In addition, you can replay a sound file by double-clicking its thumbnail to start QuickTime Player.

REFERENCE

- You can also replay a sound file by clicking the  button that appears in the information display panel when the display mode is set to Preview or that appears in the file information window.

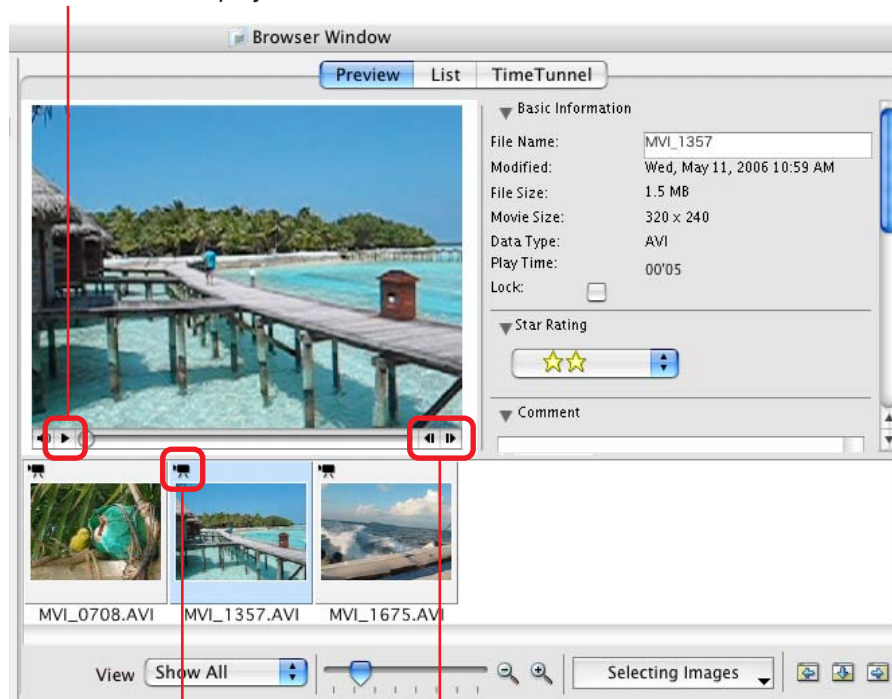
Playing Movies

ImageBrowser 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. You can play the movie displayed at the larger size by clicking the controller beneath it.

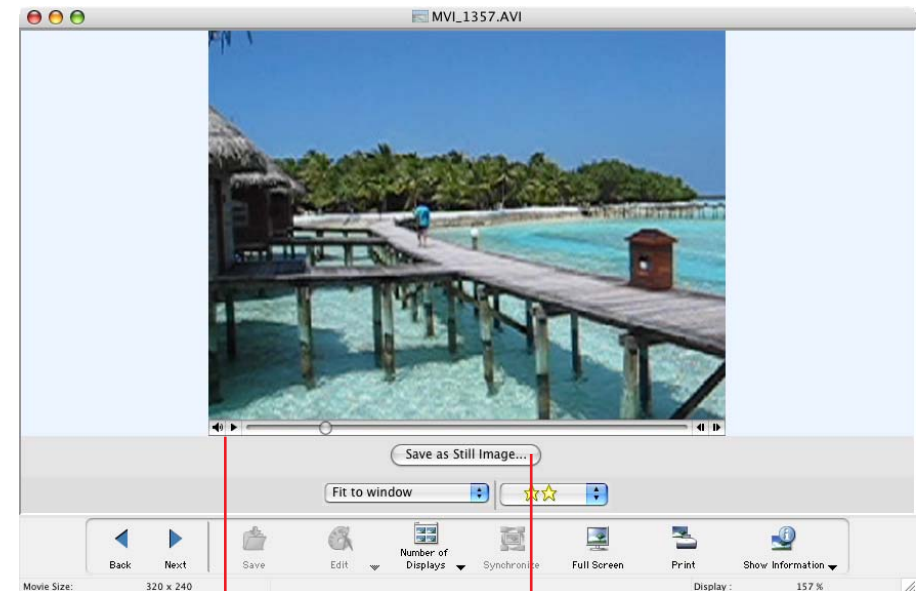
Use this button to play the movie.



Movie mark

Use these buttons to advance or rewind frames.

The Viewer Window will open and display the movie if you double-click the thumbnail. You can also play the movie in the Viewer Window.



You can play movies and control the sound volume.

You can save the displayed scene as a still image.

Editing Movies (1/3)

You can edit 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.

PROCEDURES



Editing Movies

1. Select a file (movie or still image) to edit in the Browser Area.
You can select multiple movies or still images.
2. Click the [Edit] menu and select [Movie Edit].
3. Edit the movie by following the steps displayed on the tabs in the window's midsection, then finish by saving it.
The features and procedures for each step are explained on the following pages.

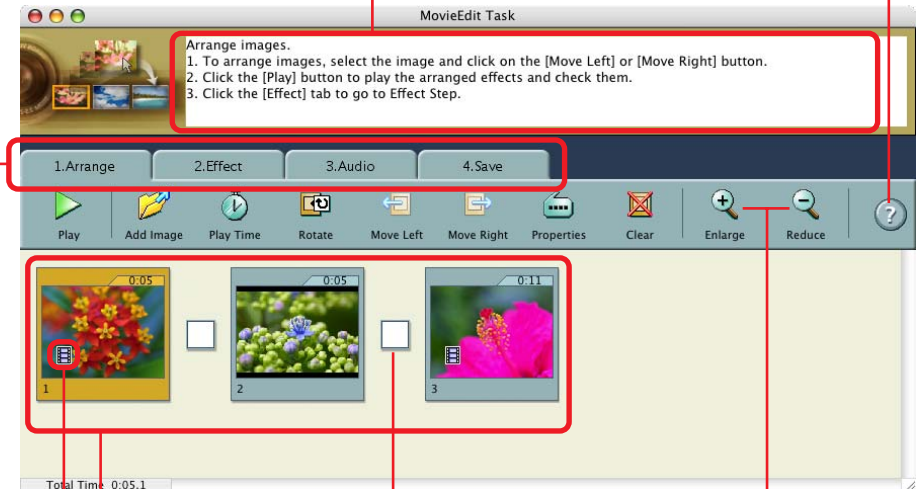
REFERENCE

- You can set the default preferences for movie edits by clicking the [MovieEdit Task] menu and selecting [Preferences].

Follow these steps to proceed, switching between tabs as appropriate.

Guidance

Click this button for detailed help with operating procedures.



Movie Symbol

You can change thumbnail sizes in the storyboard area.

Transition Box

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

Storyboard Area

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

Editing Movies (2/3)

EXPLANATION



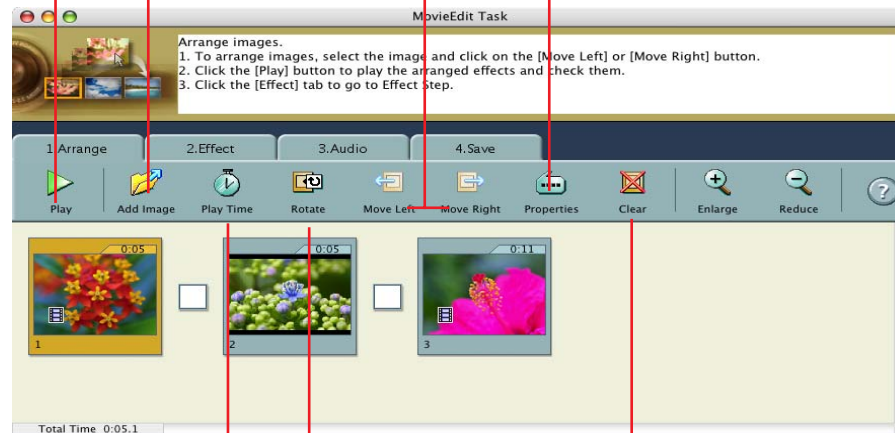
Features of the [1. Arrange] Window

Plays the entire movie being edited.

Moves the selected image one position to the left or right.

Adds images

Displays the properties of the selected image.



Rotates the selected image.

Removes the selected movie from the storyboard.

You can set the playback range (start and stop points) for a movie by selecting it and clicking this button.

You can set the play duration of a still image by selecting it and clicking this button.

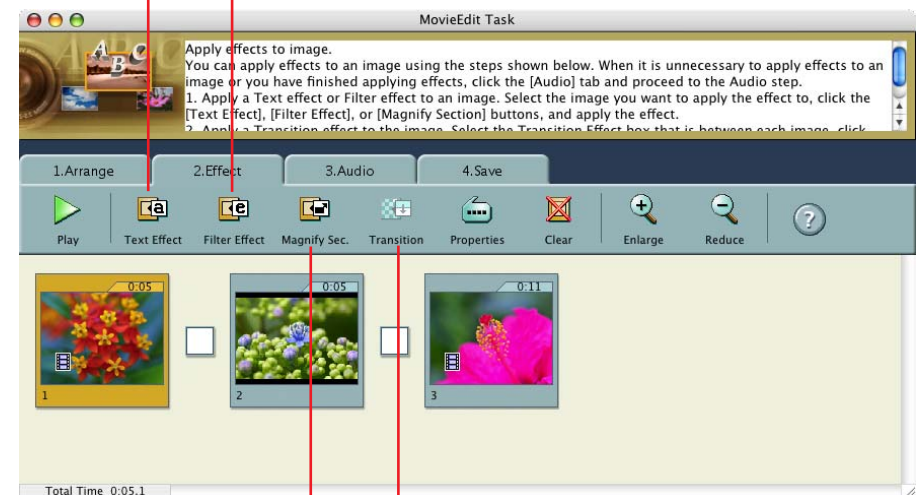
EXPLANATION



Features of the [2. 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 movie or still image selected in the storyboard area into a sepia or monochrome version, or add noise for a film simulation.



Magnifies part of the selected image.

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

Editing Movies (3/3)

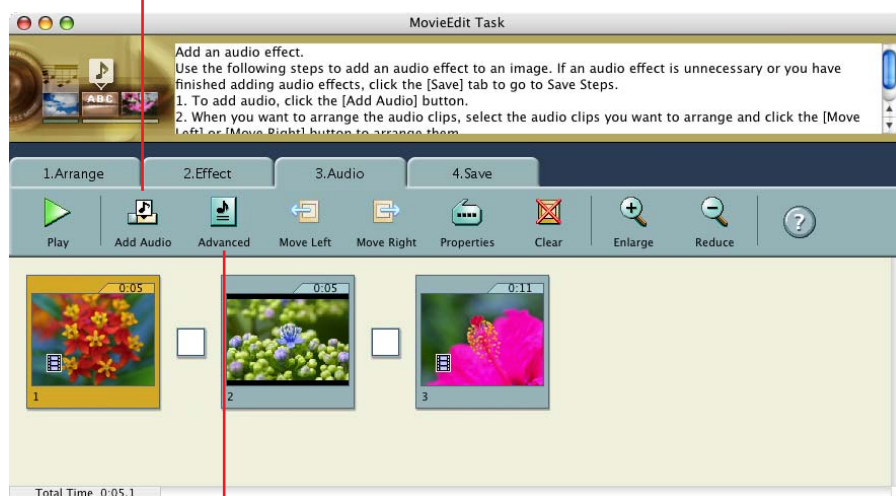
EXPLANATION



Features of the [3. Audio] Window

You can link MP3, AIFF 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 the movie or its linked audio file and clicking this button.

REFERENCE

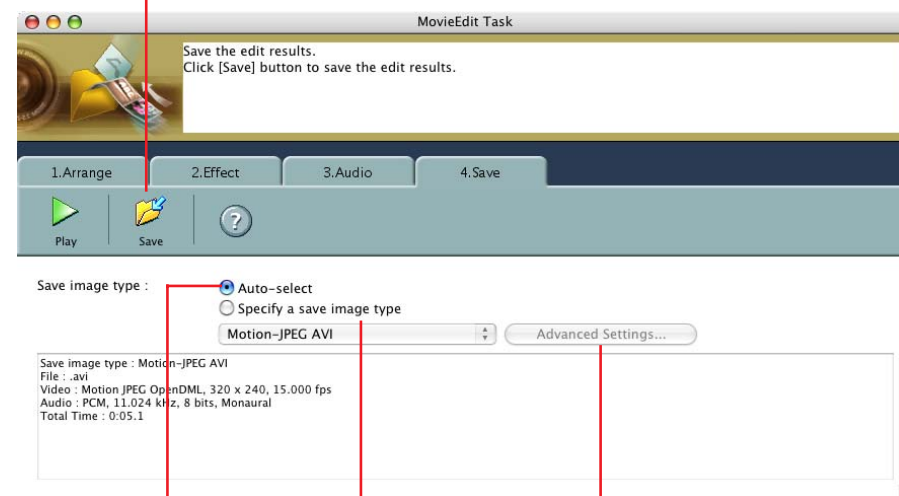
- Sound files recorded with the camera's Sound Recorder feature can also be linked as background music or sound effects.

EXPLANATION



Features of the [4. Save] Window

Proceeds to a window for setting the file name and destination.



You can set the options for a movie file.

Select this to specify a file type and select a type from the list immediately below.

Select this for the most commonly used settings for saving (the [Advanced] button is disabled when this is selected).

Extracting Stills from Movies (1/2)

This feature extracts still images from movies and saves them as image files.

REFERENCE

- You can also save the specified image as a still from the Viewer Window.

PROCEDURES



Extracting Stills from Movies

1. Select a movie from the Browser Area.
2. Click the [Edit] menu and select [Extract frames from a movie].
3. Set the still image extraction method.

■ Extract all frames

Extracts all frames in the movie as stills. Please note that the image numbers and file sizes may be large.

■ Specify an interval and extract frames

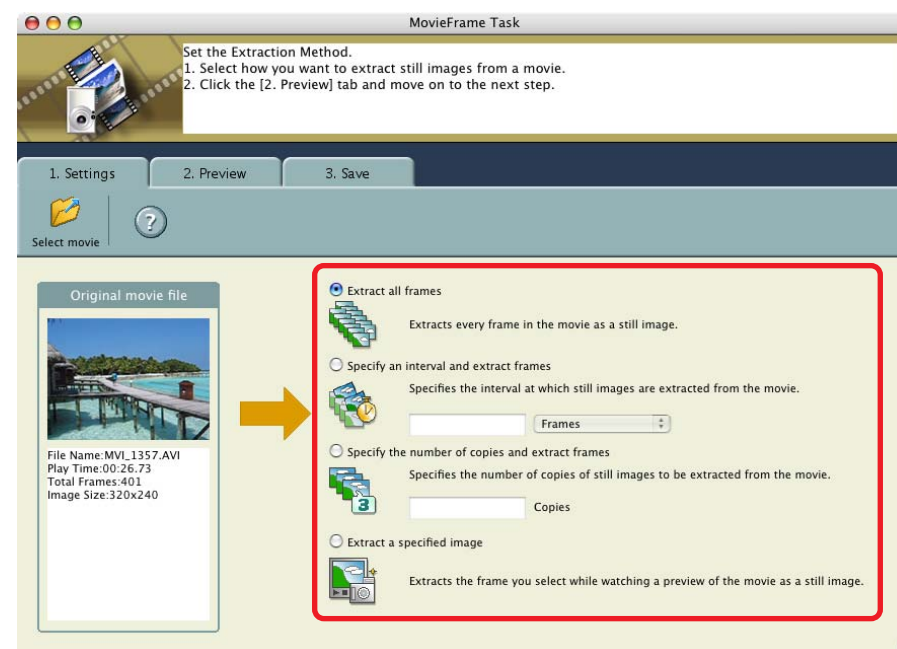
Extracts frames as stills from a specified frame range or time interval.

■ Specify the number of copies and extract frames

Extracts a specified number of stills from the entire movie. The extraction interval is calculated based on an equal distribution of the specified number of stills.

■ Extract a specified image

Extracts stills from scenes that catch your attention.



Converting RAW Images (1/5)

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

However, since they are a special type of image, they cannot be opened by many image editing programs. It is first necessary to convert them into standard image files.

This section explains conversion procedures.

IMPORTANT

- See your *Camera User Guide* to check whether your camera supports RAW images or not.

REFERENCE

- RAW images are extremely high-quality images that are not subject to any deterioration due to compression processing.

PROCEDURES



Converting RAW Images

1. Select a RAW image in the Browser Area.
2. Click the [File] menu and select [RAW image processing].
When the window showing the procedures for converting and adjusting RAW images appears, click [OK].

As shown below and on the following pages, the main window, navigator window and Image Quality Adjustment Window will display.

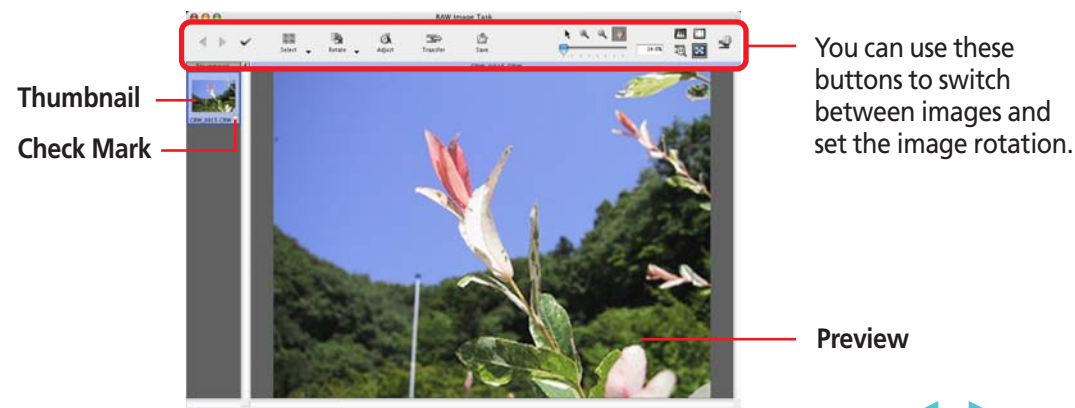
REFERENCE

- If the Navigator window does not open, click the [View] menu and select [Show Navigator] or click the window's upper right



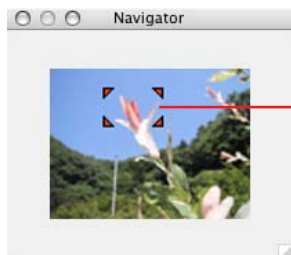
Main Window

The conversion is conducted in this window.



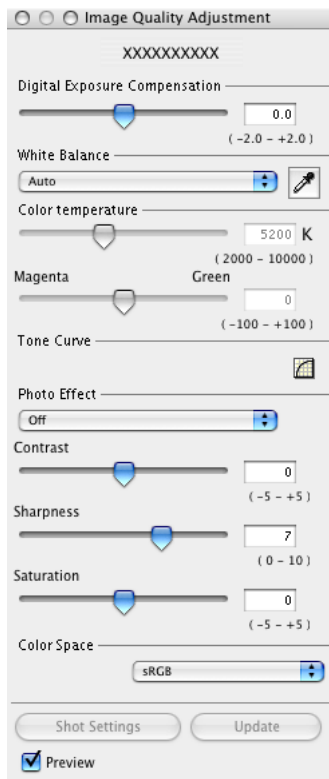
Converting RAW Images (2/5)

■ Navigator Window



You can change the area of a preview image that is zoomed in the main window by dragging the red mark.

■ 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* on the following page for details.

3. Adjust the image quality as required in the Image Quality Adjustment Window.

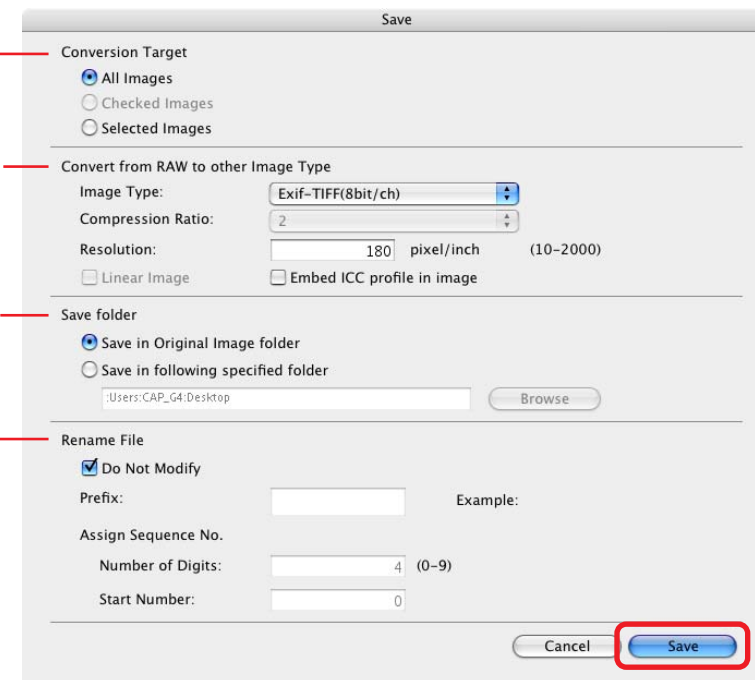
4. Click the [Save] button in the main window, set the image type and save destination, and then click [Save].

Selects images that will be saved with the same settings.

Sets the image type, compression ratio, and resolution.

Sets the destination folder for the image file.

You can change the image file name.



Converting RAW Images (3/5)

EXPLANATION



Features of the Image Quality Adjustment Window

The adjustable categories may vary according to your camera model.

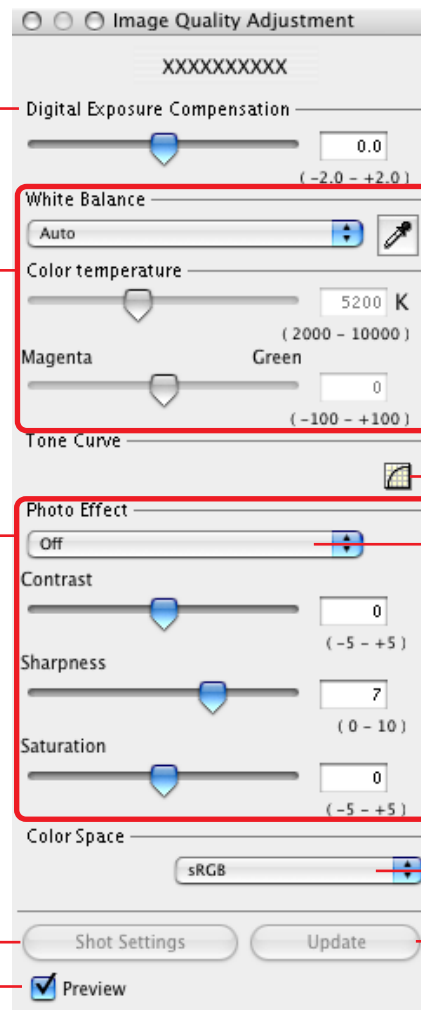
Adjusts the digital exposure compensation.

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

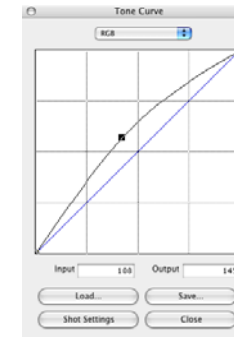
Adjusts the photo effect, contrast, sharpness and saturation.

Restores all adjustments to the initial shooting settings.

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



You can adjust the RGB channel settings together or individually.



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

You can set the color space for the output.

When there is no check mark in the Preview box, this button will display the image that reflects the selected settings.

Converting RAW Images (4/5)

PROCEDURES



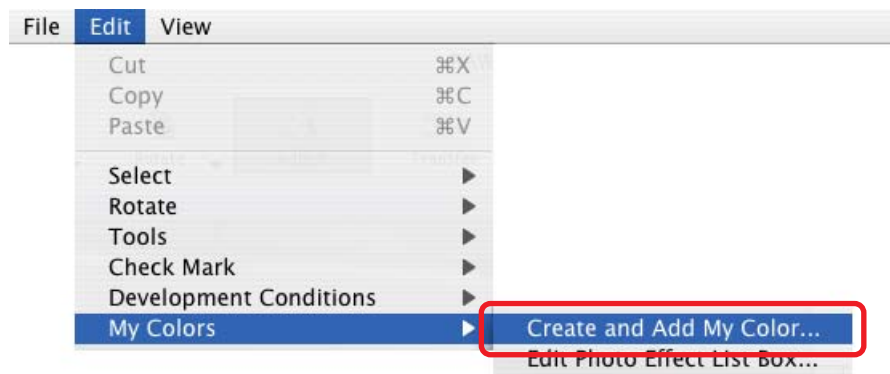
Registering Custom Color Schemes (My Color)

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 ImageBrowser’s image editing functions to prepare the two images before proceeding. Save the two images as BMP, TIFF or JPEG images.
- My Color schemes cannot be used with some camera models.

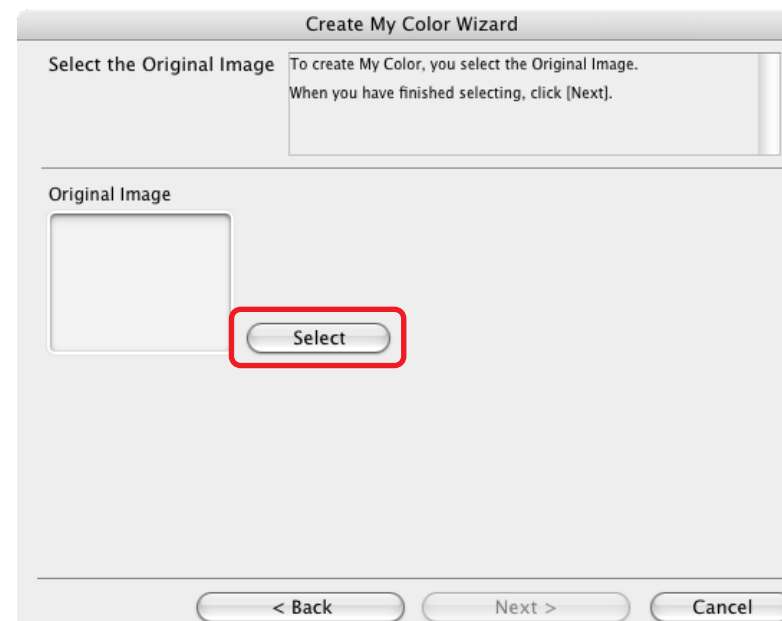
1. Click the [Edit] menu, select [My Colors] and select [Create and Add My Color] from the next menu.



2. When the Create My Color window displays, click [Next].

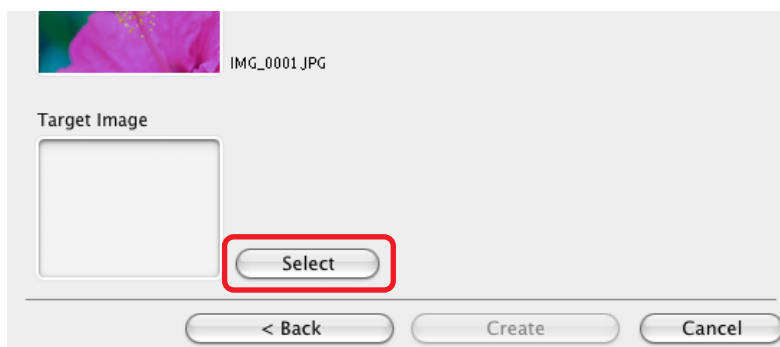


3. Click [Select] beside the original image, select the pre-adjustment image (original image) and click [Next].

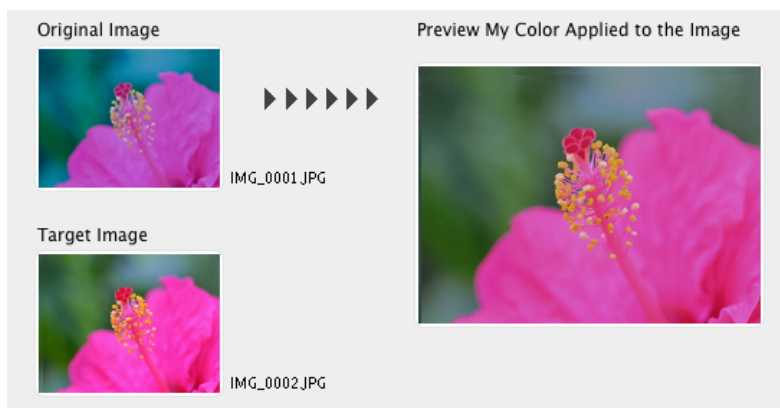


Converting RAW Images (5/5)

4. Click [Select] 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.

EXPLANATION



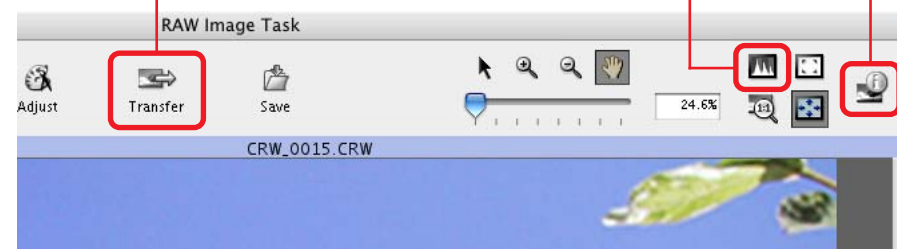
Other Features

You can also use the following features in the Main Window.

You can open converted images in other application programs.

Displays shooting information.

Displays histograms.



Stitching Panoramic Images - PhotoStitch

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

REFERENCE

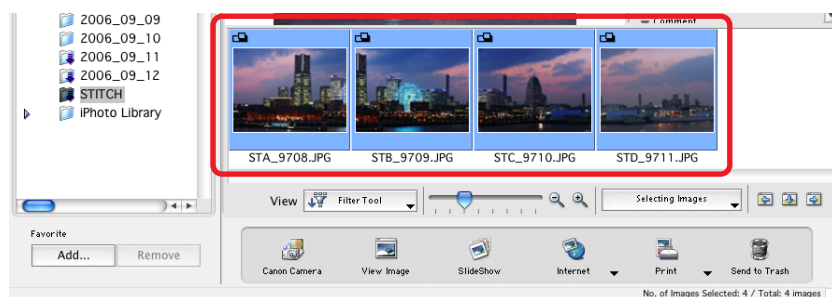
- For detailed information on how to use PhotoStitch, refer to the PhotoStitch Help (accessible from the [Help] menu).
- You can make it easier to stitch images together by using the camera's Stitch Assist mode to shoot them.

PROCEDURES

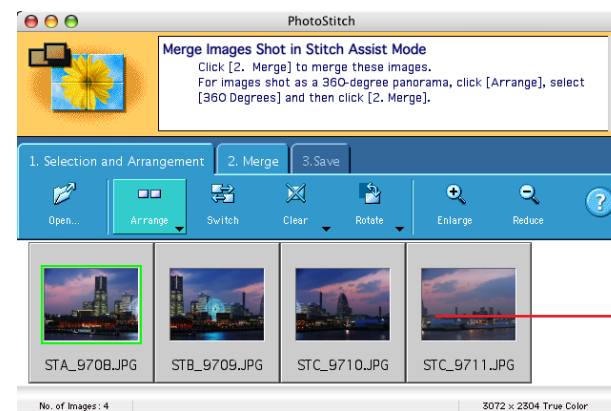


Opening PhotoStitch

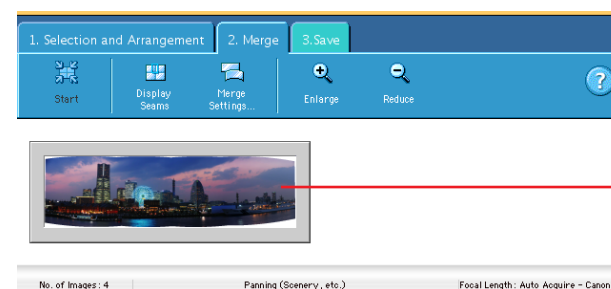
1. In the Browser Area, select the images that you want to stitch together.



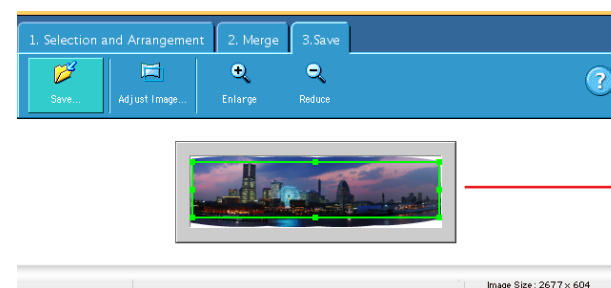
2. On the [Edit] menu, click [PhotoStitch].
PhotoStitch will start.
3. Follow the instructions on the upper part of the PhotoStitch window.



Decide the order in which the images should be stitched.



Perform stitching.



Save the image.

Supported Image Types

The following is a list of image types supported by ImageBrowser.

EXPLANATION



Readable data types

ImageBrowser can read the following image types.

■ JPEG

Most cameras use this image type. 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.

Exif JPEG is an image type that adds information such as shooting data to a JPEG image.

■ RAW

This is a proprietary image type provided by Canon. It allows 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 image type.

■ PICT

This is the standard image type for Macintosh. This image type is supported by most Macintosh software.

■ TIFF

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

■ Windows Bitmap

This image type comes standard with Windows. Most Windows programs support it.

■ QuickTime/AVI

These are movies, which display as movie marks in the Browser Area of ImageBrowser.

Customizing Preferences (1/4)

You can simplify many ImageBrowser procedures by changing the Preference settings. This section explains the main features that can be adjusted in the Preferences dialog.

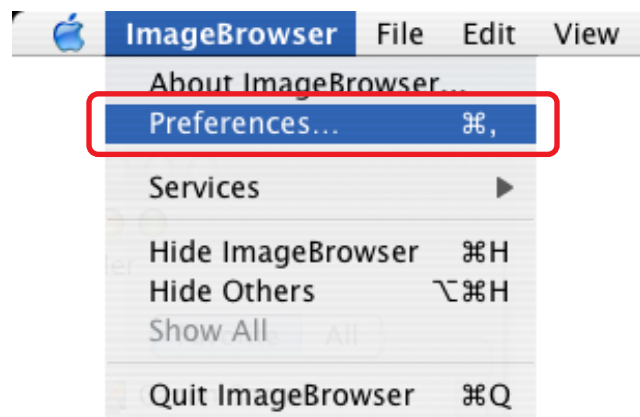
PROCEDURES



Opening the Preferences Dialog

Use the following procedures to open the Preferences dialog.

Click the [ImageBrowser] menu and select [Preferences] to display the Preferences dialog. You can use this dialog to switch between the various categories to change settings.



EXPLANATION

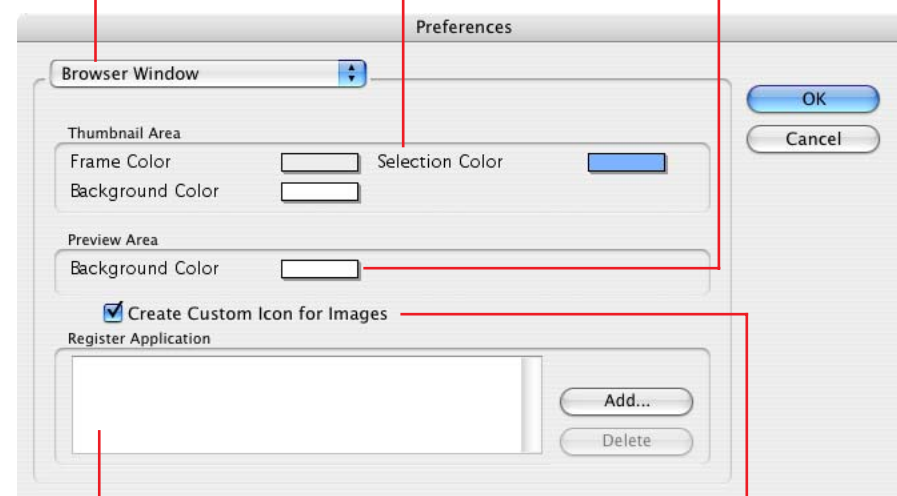


Browser Window Dialog

Change the category here.

Allows you to set the color of each area in the Browser Area.

Allows you to set the background color of the Preview window.



If you select this, when you display images in ImageBrowser, a customized icon is automatically attached to them.

Specifies the program(s) displayed on the [Start Application] submenu on the [Edit] menu. You can add programs using the [Add] button on the right.

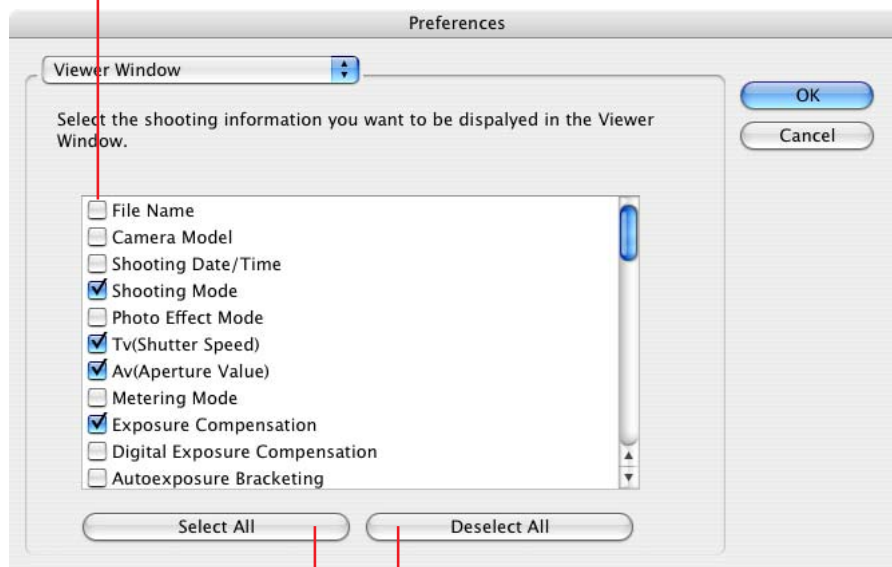
Customizing Preferences (2/4)

EXPLANATION



Viewer Window Dialog

Place check marks beside the categories to be displayed as image information.



You can select/deselect all at once.

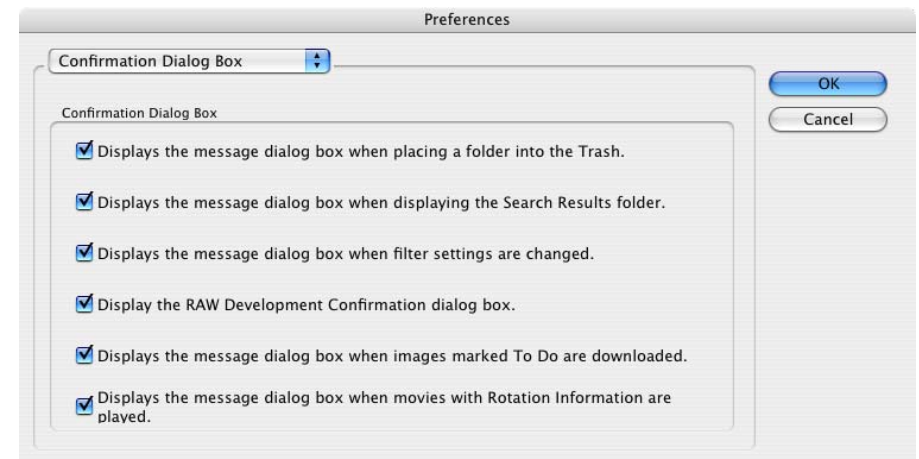
EXPLANATION



Confirmation Dialog

This sets whether confirmation dialog boxes show or remain hidden when the following actions are taken.

- Folders are moved to the trash
- The [Search Results] folder is displayed
- Filter settings are changed when filtering the images displayed
- RAW images are converted
- Movies with rotation data are played



Customizing Preferences (3/4)

EXPLANATION

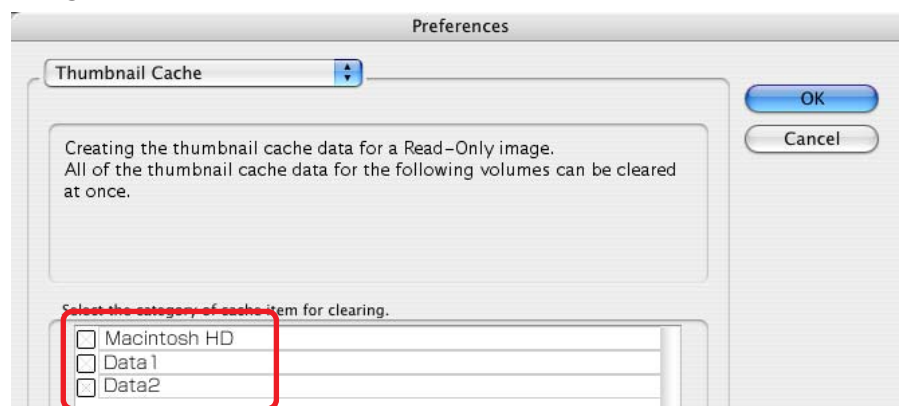


Thumbnail Cache Dialog

When you select a folder from a peripheral, such as a CD-ROM or CD-R, in the Explorer Panel Section, ImageBrowser creates a file in a predetermined folder for the thumbnail displayed in the Browser Area.

However, when viewing a CD-ROM or a CD-R containing a large number of files, the number of thumbnails also increases, resulting in less free hard disk space on your computer. In this case, you can use this dialog to delete unnecessary thumbnails (thumbnails for files on a CD-ROM or a CD-R that you have already looked at and probably will not look at again).

To delete the thumbnails, click the appropriate disk name in this dialog. The thumbnails for that particular disk are deleted. (The thumbnails are not actually deleted until the next time you start ImageBrowser.)



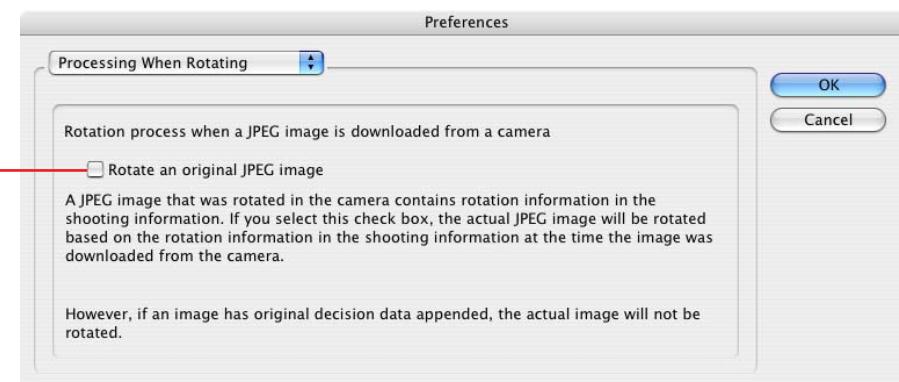
Select a disk.

EXPLANATION



Processing When Rotating Dialog

ImageBrowser rotates and displays images to match how they are displayed in the camera. However, it does not alter the image data itself. If a rotated image is opened in a program that does not support rotated display, it will appear in its pre-rotation state. You can have the image data itself rotated when it is downloaded from the camera by changing the setting for [Processing When Rotating]. You can rotate and save movies by clicking the [Edit] menu and using the [Edit Movies] submenu.



Place a check mark here to convert image data to the vertical orientation while downloading images shot with the camera on end.

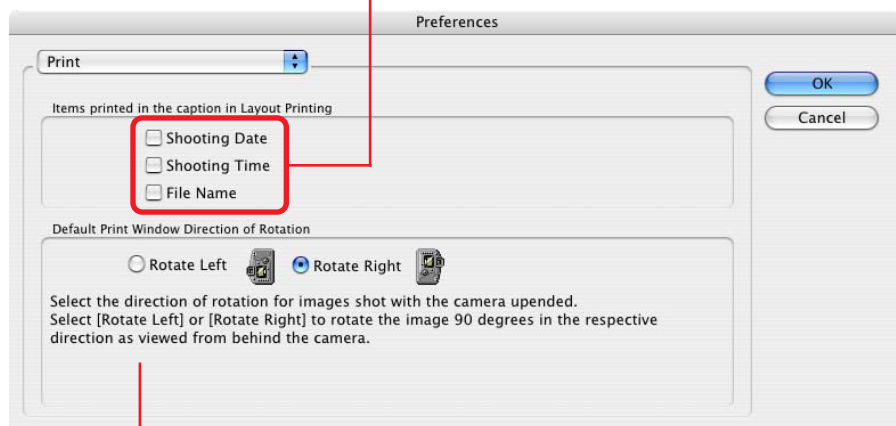
Customizing Preferences (4/4)

EXPLANATION



Print Dialog

Selects the information displayed as captions for each image in the Layout and Print process.



When an image in the landscape orientation is selected in [One Photo per page Print], the image is automatically rotated 90 degrees and displayed in the Print window. This sets the rotation orientation for that process.

REFERENCE

- To print with the date included, place a check mark beside the [Shooting Date] option in the [Items to Print in Caption] category. Then select an image in the Browser Area and use the layout print procedures to automatically display the shooting date.

EXPLANATION



Units Dialog

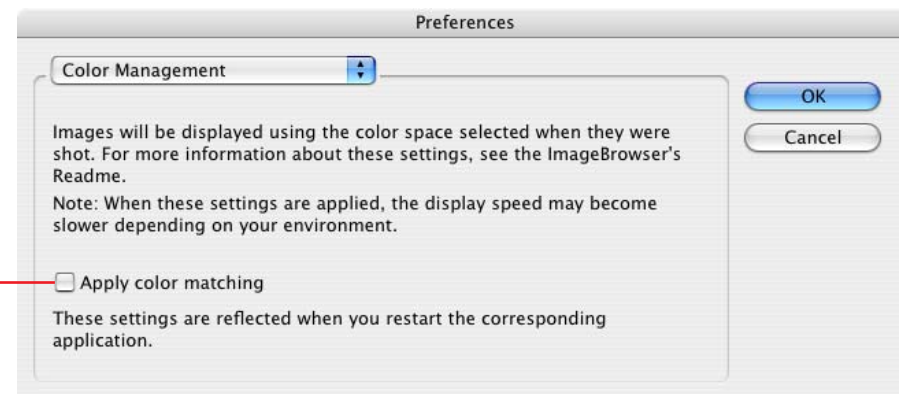


Use this to set the units used for measuring the paper size in the Print window.

EXPLANATION



Color Management



Use this to display image colors in the color space specified while shooting the image.

Troubleshooting

This section explains solutions to software problems. See the user guides for your camera for solutions to camera or wireless connection problems.

EXPLANATION



Camera is not detected or recognized

- The “Camera not detected” message or a similar message displayed when you attempted to download images from the camera.
- Camera Control Window will not open despite setting any one of the following settings, even when the camera is connected to the computer with the interface cable and is set to the data transfer mode.
 - Click the [File] menu in the Camera Control Window and place a check mark beside [Start When a Camera is Connected].
 - In Image Capture’s [Preferences] menu, specify [CameraWindow] in the [Application to open when a camera is connected] section.

When ImageBrowser does not start even though you have enabled communication, or when you try to import images from the camera and the “Camera not detected” message or a similar message appears, check the following, in that order.

Check Your Computer

Confirm that your computer satisfies the following conditions. Computers not meeting these conditions are not supported.

- Macintosh computer equipped with USB ports as standard equipment
- Mac OS X 10.2-10.4 (preinstalled)

Check the Connection between the Camera and the Computer

Check to ensure that the camera and computer are correctly connected by the interface cable. See your *Camera User Guide* for connection methods.

Check the Camera

Confirm that the camera is on and in the correct mode to transfer data. See your *Camera User Guide* since the methods for setting the camera and computer to the communication mode vary between camera models.

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.

EXPLANATION



How to Get Help

ImageBrowser 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 application. You can access Help by clicking [ImageBrowser Help] on the [Help] menu.



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ImageBrowser Software User Guide

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