Click a tab to jump to that chapter.

Canon

Software User Guide

for Macintosh

- ImageBrowser
- PhotoStitch

▶ How to Use This Manual

▶ New Features in This Version

About this Manual

Notation Conventions

The contents of this manual are classified according to the following symbols.

IMPORTANT

- **The "Important" sections contain operating precautions or important topics. Ensure that you read them.**

HINT

- The "Hint" sections contain procedural suggestions and tips for your convenience. Read them as necessary.

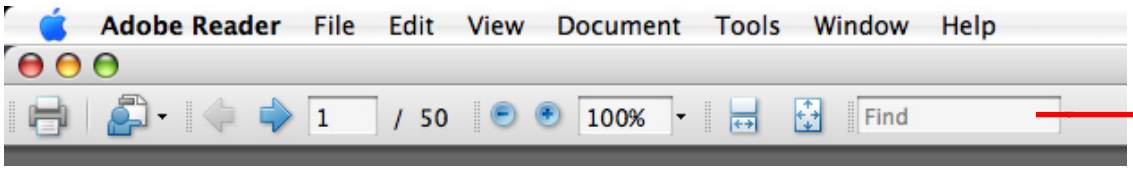
Operating Environment

- This manual uses Mac OS X v10.4 screen shots and procedures in the explanations. The screen shots and procedures may appear slightly different if you are using another version of Mac OS.
- The displayed screens and procedures may also differ slightly from the examples depending upon the camera or printer model in use.
- The explanations in this guide are based on the premise that a Canon compact camera will be used with the software.

Word Searches

This document is provided as an Adobe Reader document. Use Adobe Reader's Search functions to find specific words or phrases that you recall but cannot find. To access this function, in Adobe Reader click the [Edit] menu and select the [Search] option.

If you are using Adobe Reader 8 or later, you can also perform searches with the [Find] function right on the toolbar.



Input search text here

This page and the next present the basic functions of ImageBrowser as well as some of its special features.

To Download

- Downloading (p. 10)

To Print

- Printing (p. 13)

To View

- Magnifying the Display (p. 21)

- Comparing Images (p. 41)

- Displaying Shooting Information (p. 21)

- Slideshows (p. 34)

To Organize

- Deleting (p. 19)

- Using Star Ratings (p. 37)

- Performing Searches (p. 39)

- Changing File Names in Batches (p. 35)

- Using Comments (p. 37)

Next

To Edit

- Adjusting Color and Brightness (p. 22)
- Red-Eye Correction (p. 23)
- Inserting Text (p. 23)
- Trimming (p. 22)
- Converting RAW Images (p. 29)
- Merging Images into Panoramas (p. 28)
- Formatting Images as Wallpaper (p. 31)
- Extracting Still Images from Movies (p. 32)
- Resizing Images (p. 30)
- Editing Movies (p. 28)

To Connect to a Camera

- Uploading to a Camera (p. 46)
- Configuring My Camera Settings (p. 44)
- Controlling Shooting from the Computer (p. 42)

You can change the camera's start-up image and shutter sound.

To Send Email

- Attaching Images to Email (p. 33)

You can reduce image file sizes.

Table of Contents

About this Manual 2

Basic Functions & Features 3

Things to Remember 7

The Two ImageBrowser Windows 7
- Download Window/Organizing Window 7

Browser Window 8
- How to Display the Browser Window 8
- Names of the Browser Window Parts 8

How to Perform Tasks 9
- Selecting and Using Functions 9

Mastering the Basics 10

Downloading Images 10
- Downloading Images by Connecting the Camera to a Computer 10

Printing 13
- Printing a Single Image on a Single Page 13
- Index Print 15

How to Use CameraWindow 17
- First Window to Open 17
- Screen Showing the Image Index List and Image View 18

How to Use the Browser Window 19
- Browser Window 19
- Browser Area Tasks 20
- Viewer (View Image) Window 21

More Advanced Techniques 22

Editing Images 22
- Trimming–Cropping a Portion of an Image 22
- Color/Brightness Adjustment 22
- Red Eye Correction 23
- Inserting Text 23
- Correcting Levels 24
- Correcting Tone Curves 24
- Adjusting Sharpness–Emphasizing Outlines 25
- Auto Adjustment 25
- Using Other Editing Software 26
- Attaching Sounds 27
- Creating Panoramic Images–PhotoStitch 28
- Editing Movies 28
- Converting RAW Images 29

Exporting **30**
Changing Image (Stills) Sizes and Types 30
Exporting Shooting Information 30
Creating Computer Screen Saver Images 31
Creating Computer Wallpaper Images 31
Extracting Stills from Movies 32
Email **33**
Attaching Images to Email 33
Slide Shows **34**
Viewing Images in Slide Shows 34
Image Management **35**
Changing File Names in Batches 35
Sorting Images into Folders by Shooting Date 35
Classifying Images Into Star Ratings Folders 36
Configuring Image Information Settings **37**
Setting Star Ratings 37
Inserting Comments 37
Assigning Keywords 38
Searching, Filtering and Sorting Images **39**
Searching Images 39
Filtering Images 40
Sorting Images 40
Comparing Images **41**
Comparing Multiple Images 41
Remote Shooting **42**
Operating the Camera Using Computer Commands 42
My Camera Settings **44**
Changing the Shutter Sound and Start-Up Image 44
Uploading Images **46**
Uploading Images to a Camera 46
Preference Settings **47**
Customizing ImageBrowser 47
Appendices **48**
Supported Image Types **48**
New Features in This Version **49**

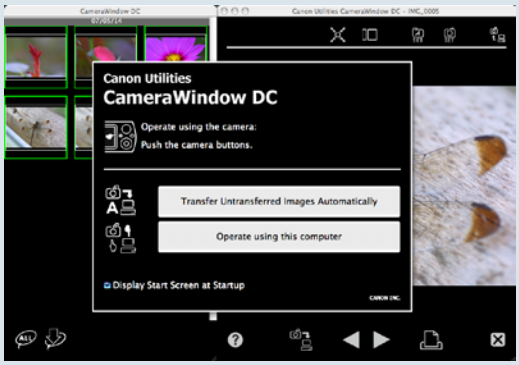
The Two ImageBrowser Windows

Download Window/Organizing Window

The following two windows are the main ones used for ImageBrowser procedures.

Download window, which opens when a camera is connected. CameraWindow

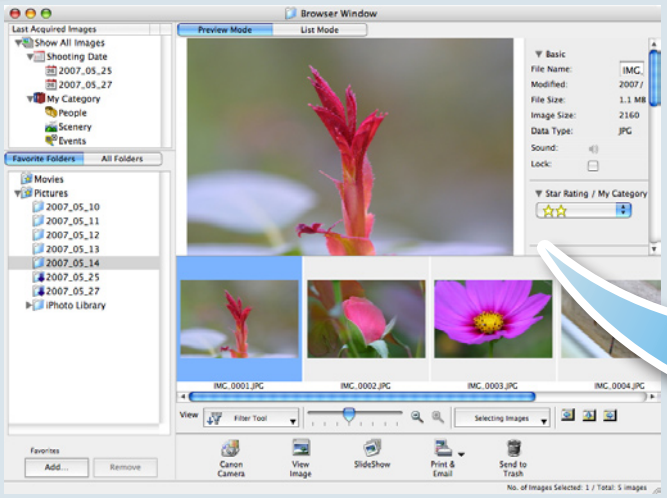
View of camera images



You can download all or a selection of images from the connected camera.

CameraWindow closes and the screen changes after the images are downloaded from the camera.

Organizing window for downloaded images. Main Window



You can view, edit and print the images in the computer.

Click this icon in the Dock.

Double-click an image.

The Viewer Window that appears when you view an image.

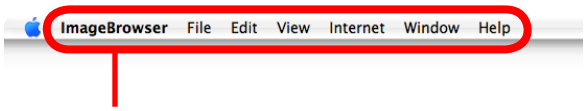
Browser Window

How to Display the Browser Window

The Browser Window will display after camera images are downloaded and CameraWindow closes. You can also display it by clicking the ImageBrowser icon in the Dock **(the bar at the bottom of the desktop)**.

- If the ImageBrowser icon is not displayed in the Dock, double-click the Applications] folder, followed by the [Canon Utilities] folder, [ImageBrowser] folder and the [ImageBrowser] icon.

Names of the Browser Window Parts



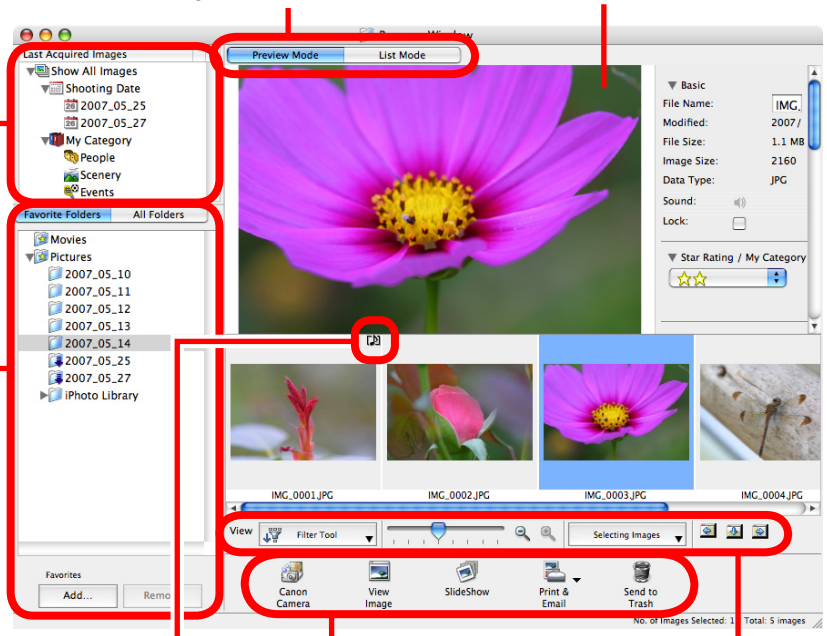
Menu Bar

Browser Area
Icons that indicate image properties display around thumbnail images, as shown on the bottom left.

Display Modes

Last Acquired Images
Displays the last images downloaded.

Folder Area
Selects a folder to display.



Control Panel

Display Control Panel

Properties Icon (Displays image properties)

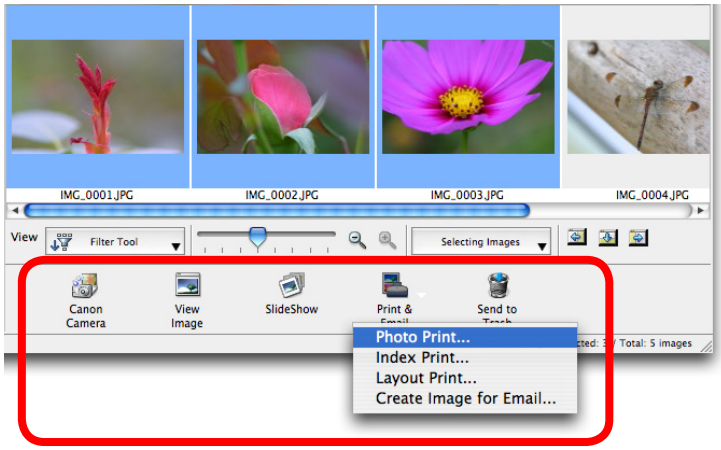
- : Image recorded using the camera's Stitch Assist mode
- RAW : RAW image
- : Movie
- : Image with sound memo attached
- : Protected image
- : Image recorded using the camera's AEB function
- : Rotated image (rotated in display only)

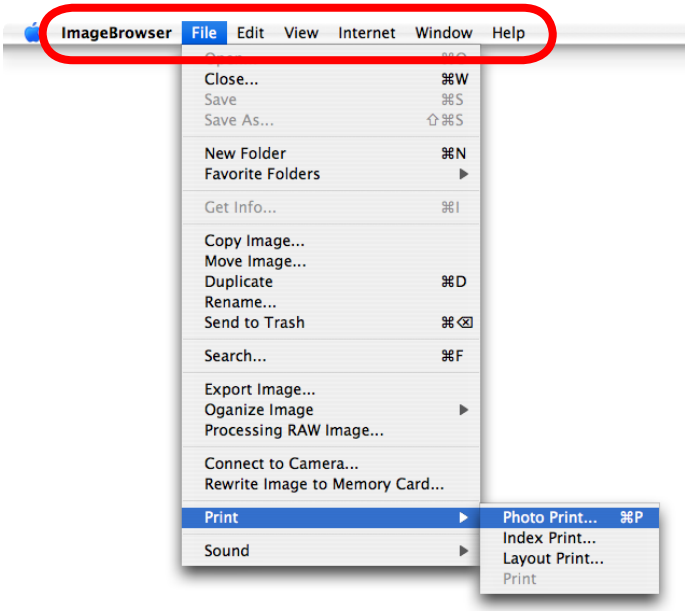
How to Perform Tasks

Selecting and Using Functions

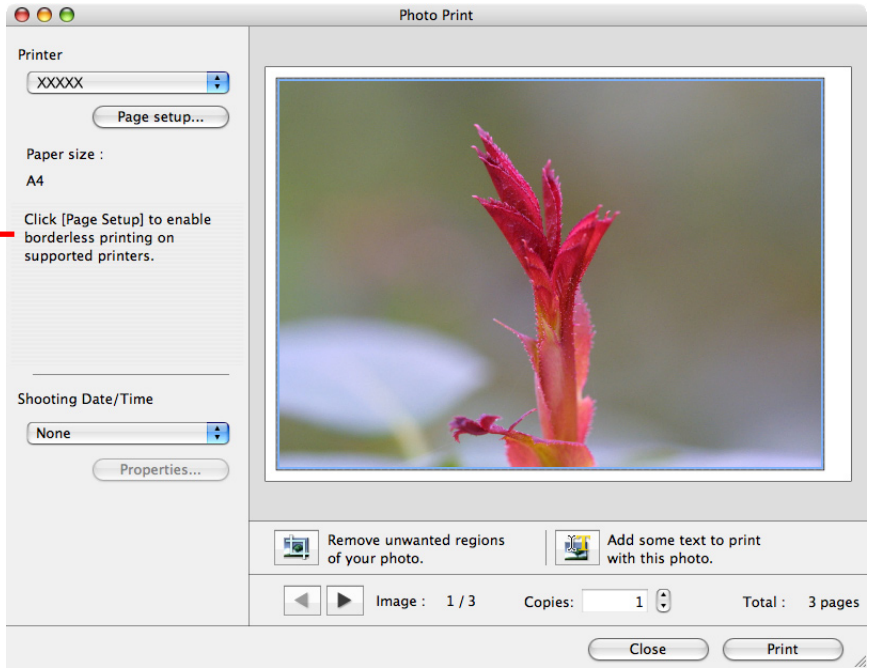
You can use many ImageBrowser functions by selecting them from the Control Panel or a menu and then following the instructions in the window that opens.

1 **Select a function from the Control Panel or a menu.**





2 **Follow the instructions to perform the task.**



Downloading Images

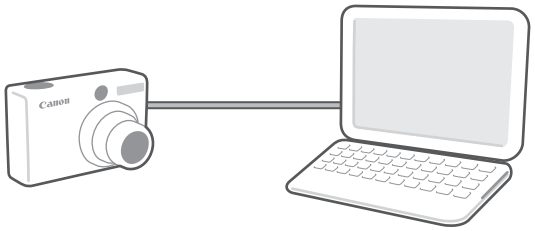
Downloading Images by Connecting the Camera to a Computer

Download the camera images to the computer.

IMPORTANT

- **The instructions in this software manual assume that you have correctly installed the software. See the guides supplied with your product package for software installation procedures.**
- **If CameraWindow fails to open when you connect the camera, click the [CameraWindow] icon in the Dock (the bar at the bottom of the desktop).**

1 **Connect the camera to the computer with the supplied interface cable.**

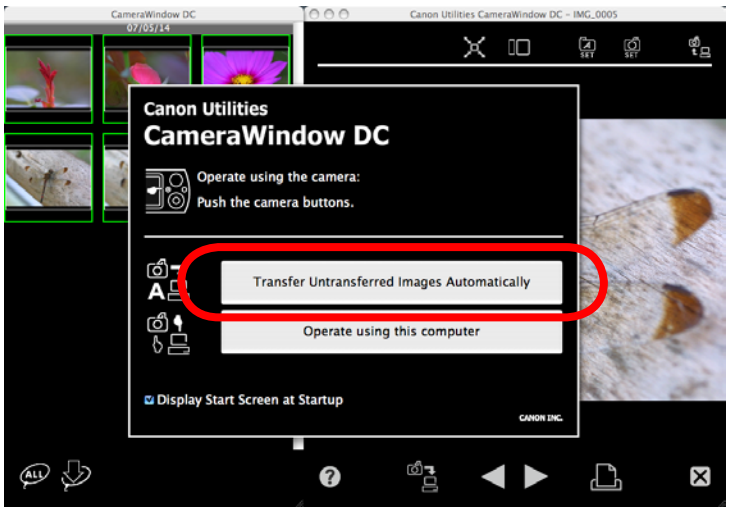


2 **Set the camera to the Playback mode and switch on the power.**

3 **Click [Transfer Untransferred Images Automatically].**

The images will start to download.

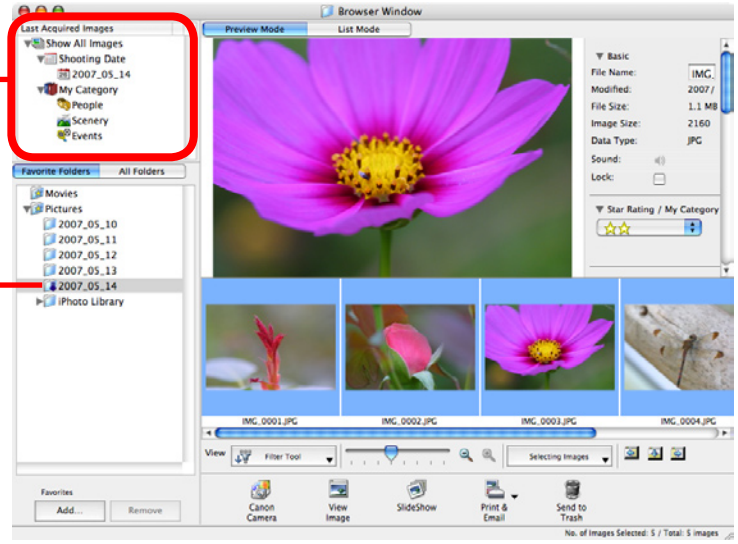
CameraWindow



When you click [OK] in the dialog that indicates the transfer is complete, the downloaded images will display in the Main Window.

You can select the newly downloaded images by their shooting dates or My Category (select models only) classification. (These are virtual folders.)

: Folders containing newly acquired images

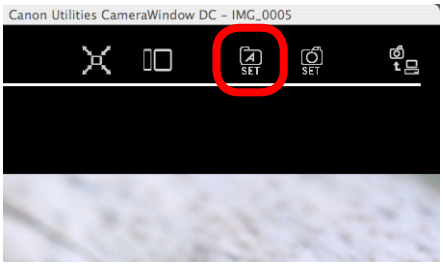


- Images from memory cards with large numbers of images (more than 1,000) may not download correctly. If this happens, please use a memory card reader to download.

HINT

Changing the Download Destination Folder

The default settings save downloaded images into the [Pictures] folder. To change the destination folder, select [Operate using this computer] in CameraWindow, then click the button shown on the right, and select a folder.



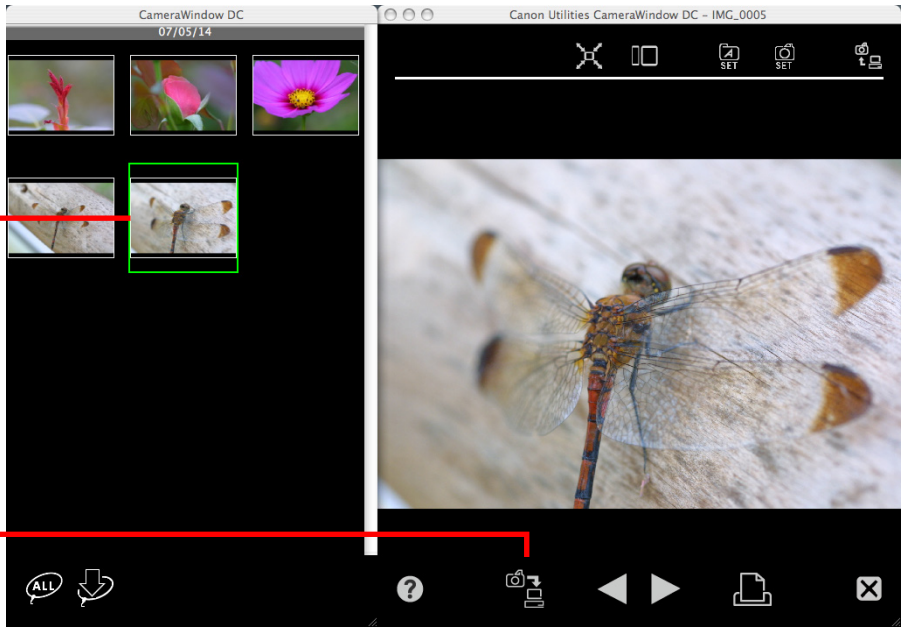
HINT

Selecting Images to Download

To download only a selection of images from the camera, select [Operate using this computer] in CameraWindow that first appears and then perform the following procedures.

1 Select images to download.

2 Start the download.



Downloading Using Camera Commands

You can use the camera's (Print/Share) button to download the images to the computer (Direct Transfer). See the *Camera User Guide* for Direct Transfer settings and procedures.

Downloading from a Memory Card Reader

ImageBrowser will start when you insert a memory card into the memory card reader, and display the following window. Use this window to perform the downloading procedures.

Downloads all images that have not yet been downloaded.

Allows you to select and download images.

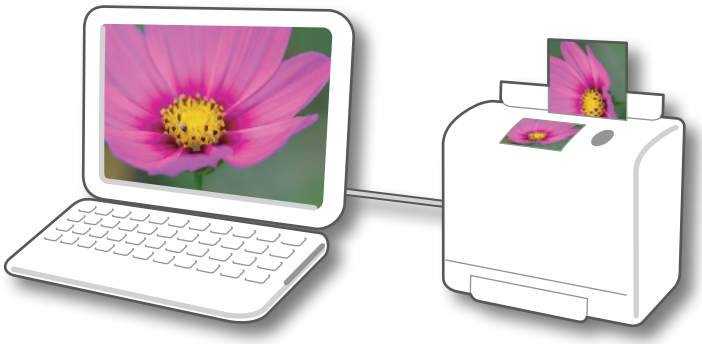
Prints images.

Configures the download folder and other settings.

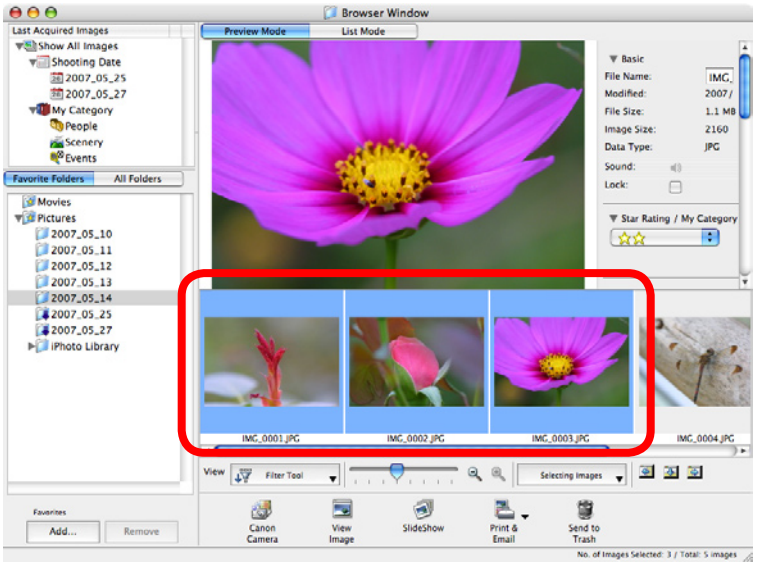
Printing

Printing a Single Image on a Single Page

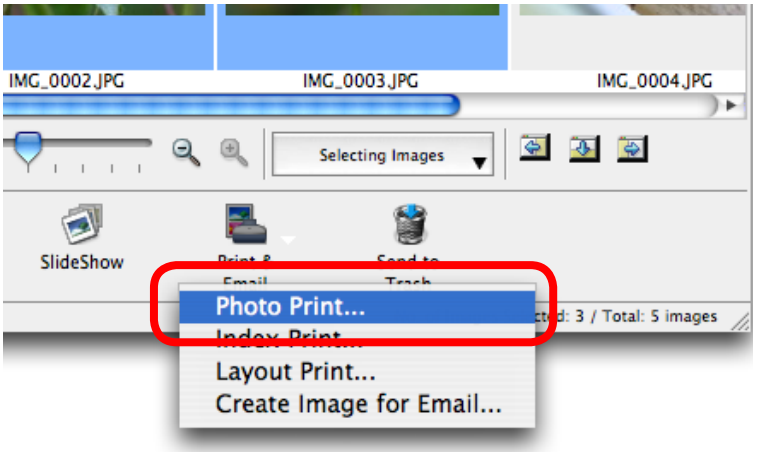
Prints one image per page.



1 **Select images for printing.**



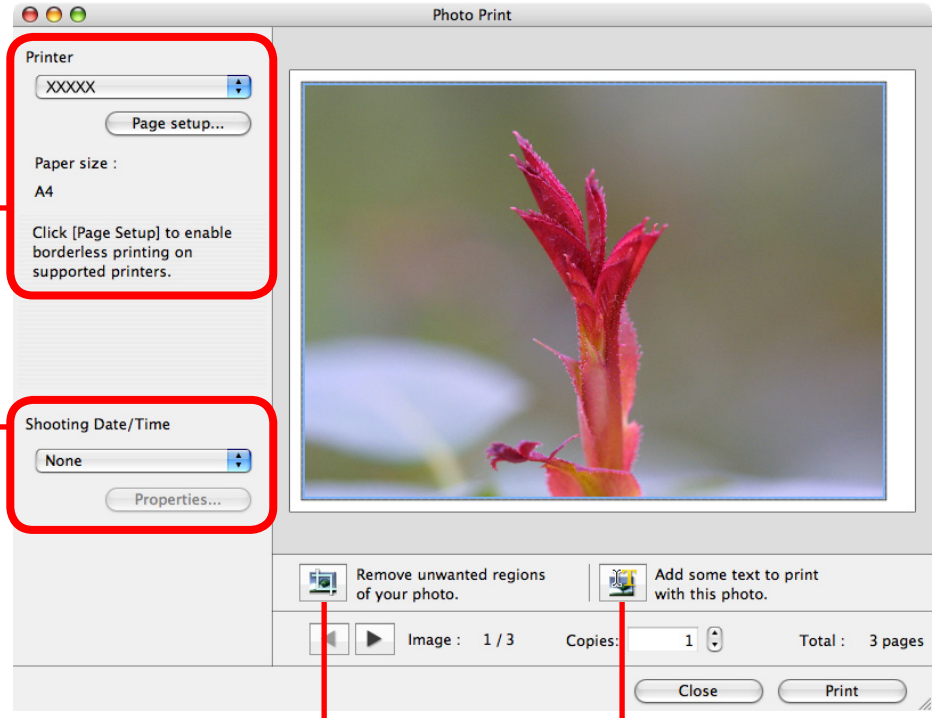
2 **Click [Print & Email], and [Photo Print].**



3 Set the categories as desired.

Sets the printer, paper size and borderless printing settings.

Sets the shooting date/time imprint settings.



Click here to crop and print a portion of an image.

Click here to insert text onto an image and print.

4 Click [Print].

Print window will display.

5 Click [Print].

Printing will start.

HINT

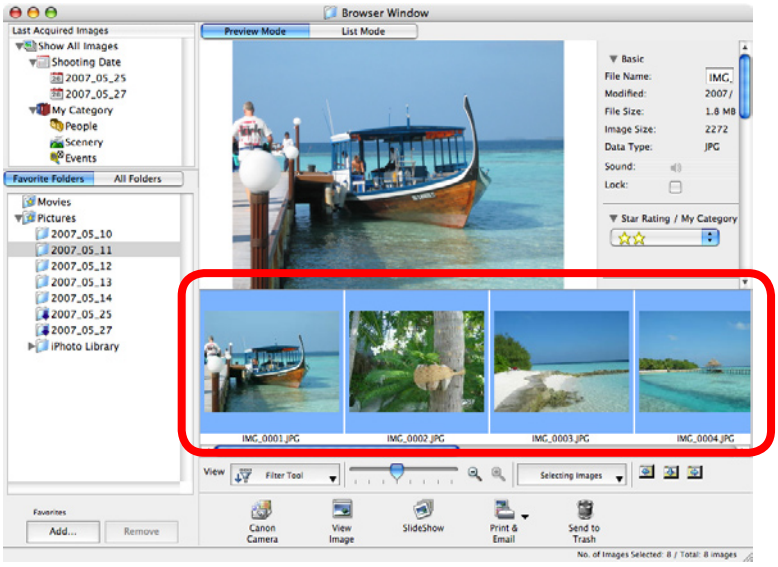
Laying Out and Printing

You can also select multiple images, add captions and print freely composed layouts on a single page. Click [Print & Email] in the Control Panel and select [Layout Print]. The shooting date will automatically appear when you perform a layout print if you click the [ImageBrowser] menu, followed by [Preferences] and [Layout Print], and place a check mark beside [Shooting Date].

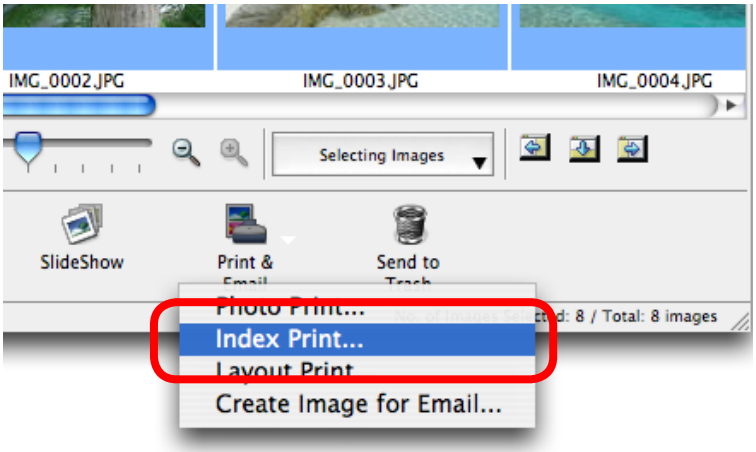
Index Print

Prints an index of the images.

1 Select images for printing.



2 Click [Print & Email], and [Index Print].



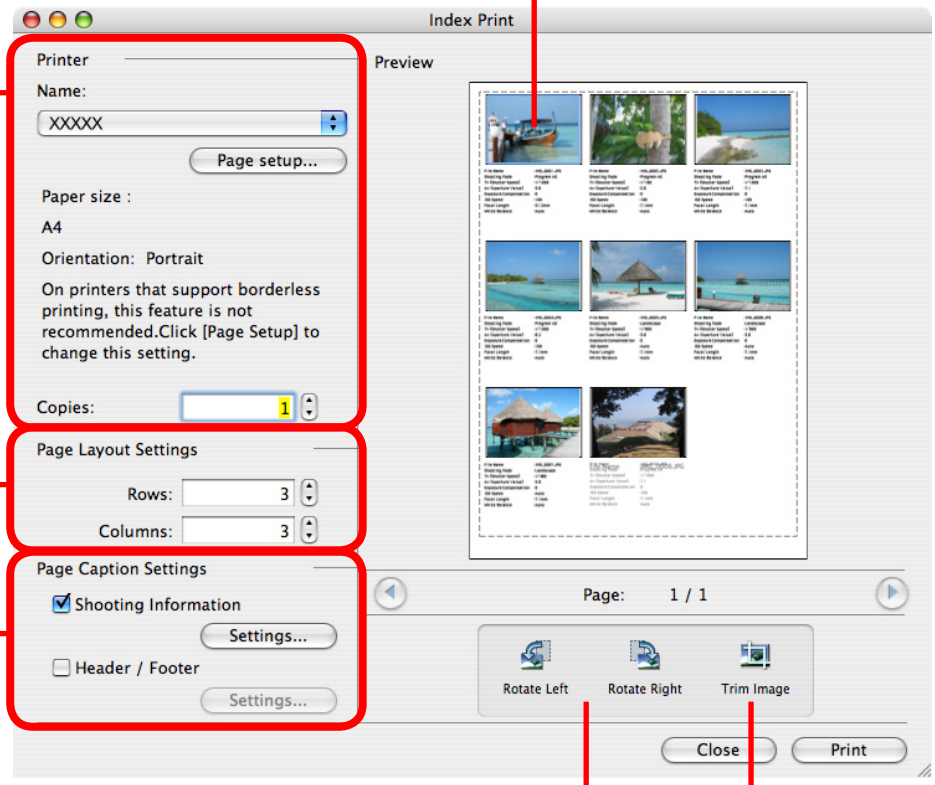
3 Set the categories as desired.

Select an image to rotate or trim.

Sets the printer, paper size and number of print copies settings.

Sets the number of rows or columns.

Configures the printing of the shooting information, comments, headers, footers or page numbers.



Rotates selected images.

Click here to crop a portion of the selected image and print it.

4 Click [Print].

Print window will display.

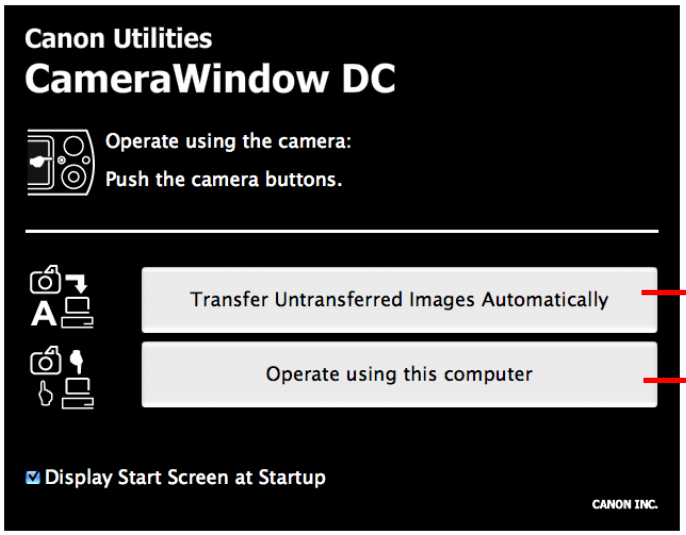
5 Click [Print].

Printing will start.

How to Use CameraWindow

First Window to Open

This is the first screen to appear in CameraWindow.

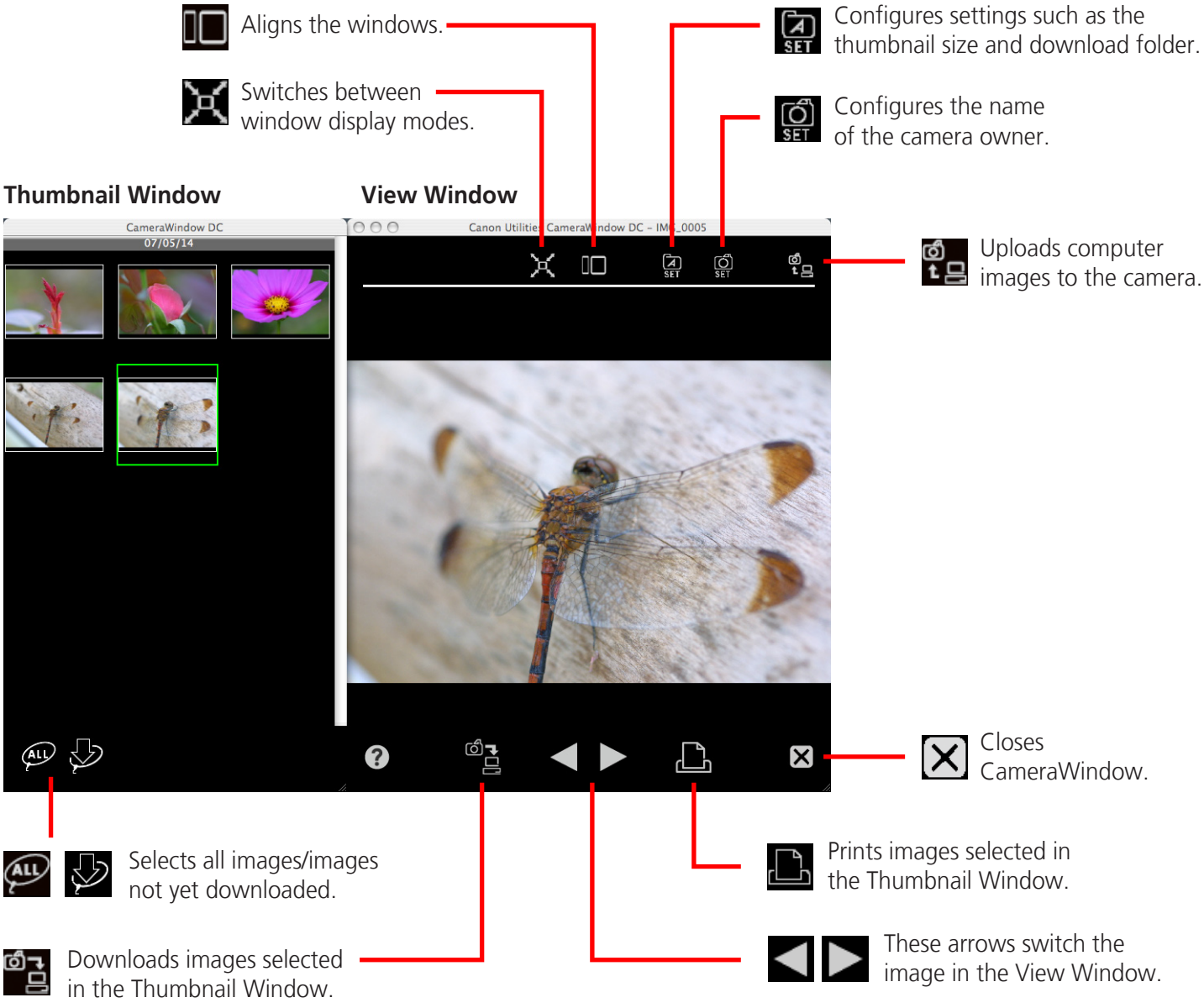


Downloads all images that have not yet been downloaded.

Closes this window and opens a camera image browser window that lets you select and download images.

Screen Showing the Image Index List and Image View

The Thumbnail Window on the left of the screen displays the images on the memory card in the camera as "thumbnails" or small versions of the images in an index list. When you select an image from the Thumbnail Window, the image displays in the View Window on the right.



HINT

Use the Help Function

ImageBrowser is equipped with a convenient "Help" function. Use it when you are unsure how to proceed. To view it, click the [Help] menu and select [ImageBrowser Help].

How to Use the Browser Window

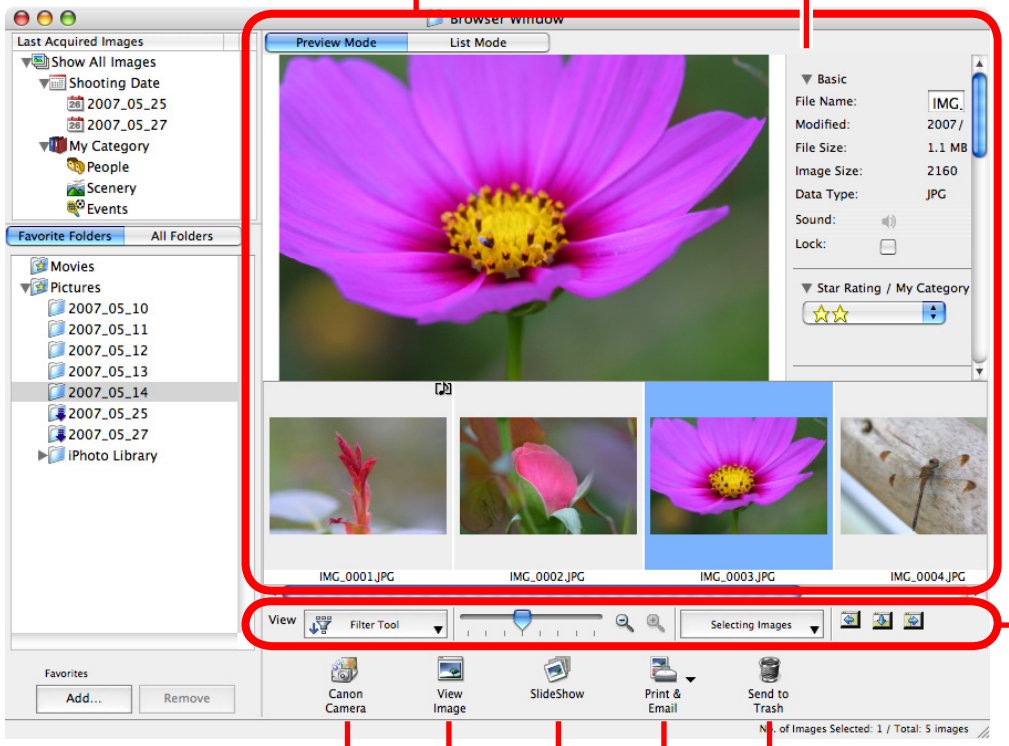
Browser Window

This is the main window for performing tasks in ImageBrowser.

Last Acquired Image/Folder Area
Selects a folder to display.
- You can register folders you use often as Favorite Folders ( ). Register by clicking [Add].

Browser Area
- Displays the images in the selected folder.

Image Information
Preview Mode: Displays information about the selected image.
Index List Mode: Displays image information if you click the [File] menu and select [Get Info].



Display Control Panel
Configures the settings for displaying images in the Browser Area.

Canon Camera
Displays CameraWindow.

View Image
Displays the selected image in the Viewer Window.

Slide Show
Displays the selected images in succession in the window.

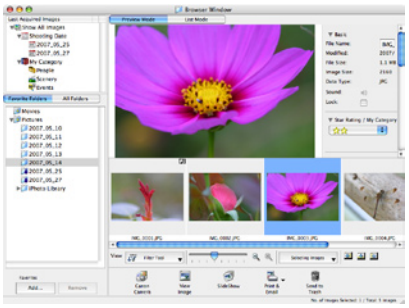
Send to Trash
Deletes selected images or folders
- Deleted images are placed in the Trash.
- If you mistakenly send an image to the Trash, click the [Trash] icon in the Dock and restore the image to its original folder in the Finder.

Print & Email
Prints the selected image(s).
Or creates an image attachment for email.

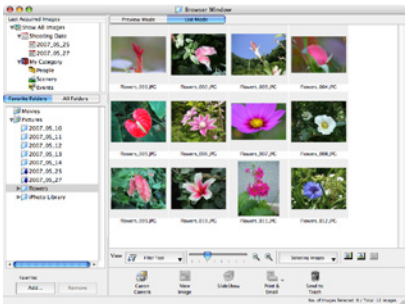
Rotate Image
- To rotate images, click the [Edit] menu and select [Rotate Image].
- To rotate the original image in the displayed direction, click the [Edit] menu and select [Rotate According to Rotation Information].
- Rotate movies by clicking the [Edit] menu and selecting [Movie Edit].

Browser Area Tasks

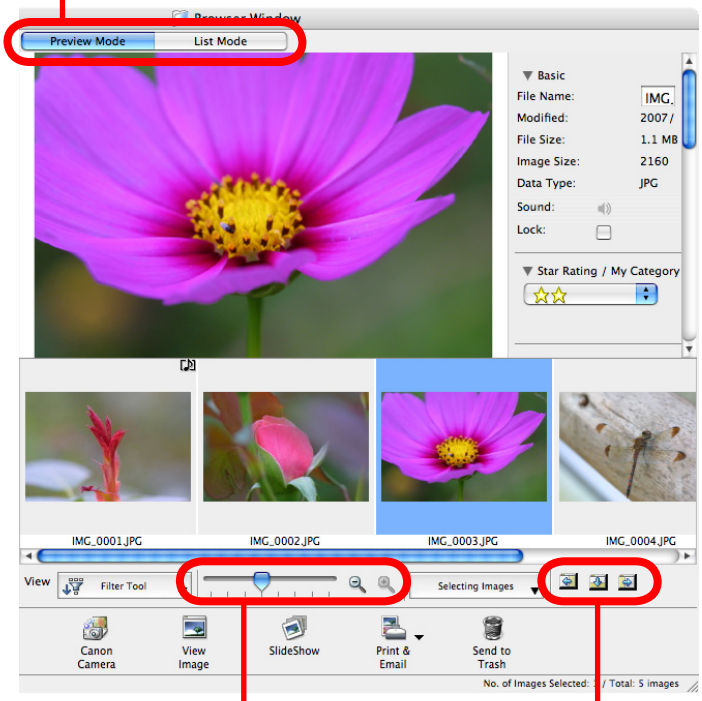
Display Mode
Selects a display mode for the Browser Area.



Preview Mode: allows the image information to be read while viewing the image.



List Mode: allows thumbnails to be viewed at a size suited for easy viewing.



Change the Display Size
You can change the display ratio (Zoom mode) or thumbnail size (Scroll mode) with the slider.

Show Window
You can switch between showing/hiding the Folder Area, Control Panel and Information Panel.

Functions Used in the Browser Area

Create New Folder
To create a new folder in the Browser Area, click the [File] menu and select [New Folder].

Select Images
Clicking an image in the Browser Area selects that image. To select multiple images, hold down the [shift] key or [⌘] (Command) key while clicking images, or hold down the [option] and [shift] key together and click a starting and ending image to select a range of adjacent images.

Display Images
Double-clicking an image in the Browser Area (or selecting the image and clicking [View Image]), displays it in the Viewer Window.

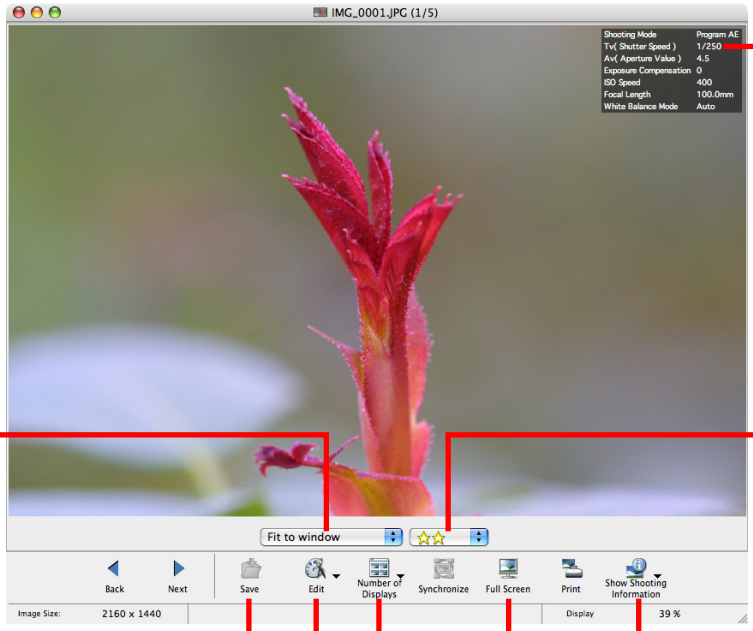
Move, Copy Images
To move an image between folders, drag it over the destination folder and release the mouse button. To copy an image, hold the [option] key while releasing the mouse button as above.

HINT

Right-Click Context Menus
Right-clicking (or [ctrl] key and clicking) over a window or image displays contextual menus. These menus contain the functions available in the current context as well as other convenient functions. Use the context menus to increase your efficiency.

Viewer (View Image) Window

Double-clicking an image in the Browser Window displays it in this window.



Shooting information

Change the display magnification. Zooming in displays the Navigator window to show the relative position on the image.

Set the Star Rating.

Saves an image.

Edit an image.

Display multiple images side by side.

Display the shooting information. You can configure the information display by clicking the [ImageBrowser] menu and selecting [Preferences].

Display at full screen size.

- The [Display Original Image] button will display beneath RAW images in the Viewer Window. Click this button to display the converted image in the Viewer Window.
- Buttons appear beneath movies selected in the Viewer Window, allowing you to replay the movie or adjust the sound volume. The [Save as Still Image] button will appear above the Star Rating section. Clicking this button extracts still images from the movie.

Editing Images

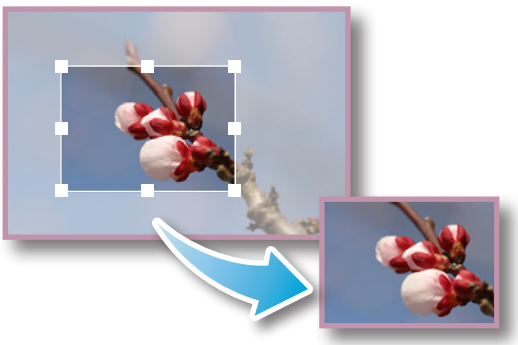
IMPORTANT

- **The original image will be overwritten after an image is edited unless the file name is changed before saving it. To preserve the original image intact, change the file name when saving the edited image.**

- This section introduces the procedures for starting from the [Edit] button in the Viewer Window, but you can also start the same process by clicking the [Edit] menu and selecting [Edit still image].

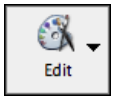
Trimming–Cropping a Portion of an Image

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



Procedures

1

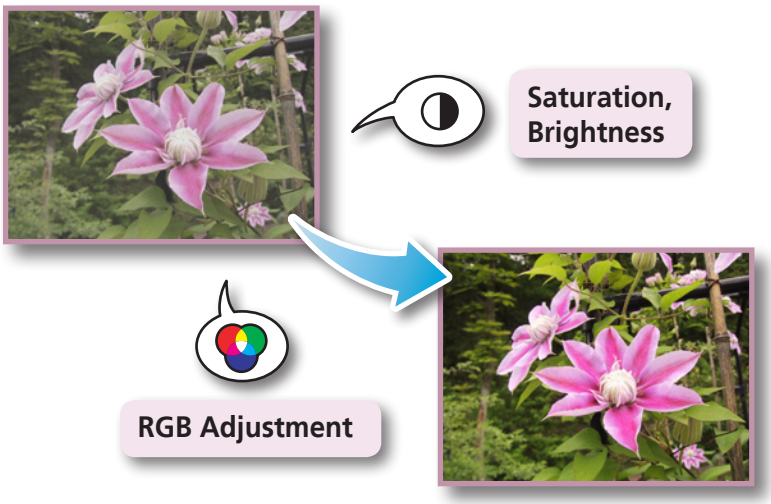
2 

[Edit] and [Trimming Image].

- You can also input values or an aspect ratio to specify the trim area.
- Movies and RAW images cannot be edited.

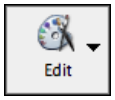
Color/Brightness Adjustment

Adjusts the images' RGB values (red, green, blue) and the saturation and brightness.



Procedures

1 **Double-click an image.**

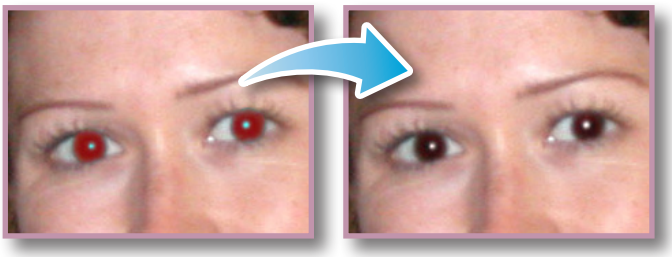
2 

[Edit] and [Color/ Brightness Adjustment].

Movies and RAW images cannot be edited.

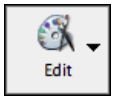
Red Eye Correction

Restores eye appearance to the original color when light reflected from the flash makes them appear red.



- Click [Start] when Auto Mode is selected.
- Switch to Manual Mode if Auto Mode cannot correct the image and select the location of the eye to correct.

Procedures

1. **Double-click an image.**
2. 

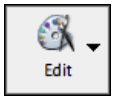
[Edit] and [Red Eye Correction].

Movies and RAW images cannot be edited.

Inserting Text

Use this to insert text onto the image.

Procedures

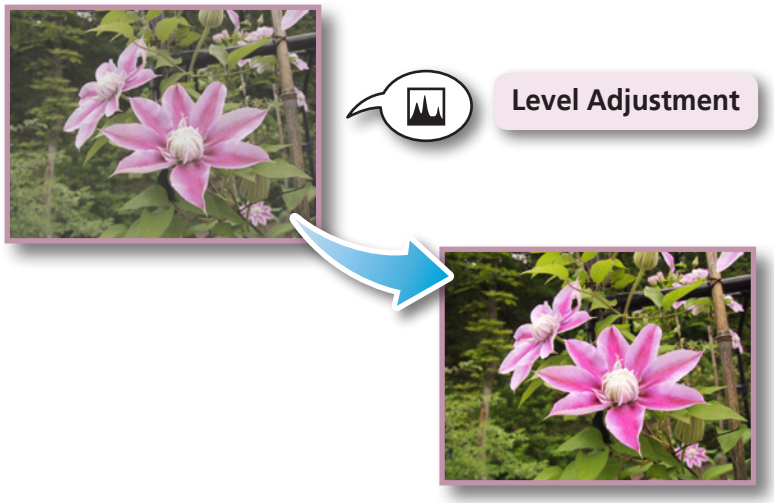
1. **Double-click an image.**
2. 

[Edit] and [Insert Text].

- Placing a checkmark in the [Antialias] box causes the text edges to blend in with the underlying image.
- Movies and RAW images cannot be edited.

Correcting Levels

You can adjust the highlights (brightest portions), shadows (darkest portions) and mid-tone levels of an image while viewing its histogram.



Procedures

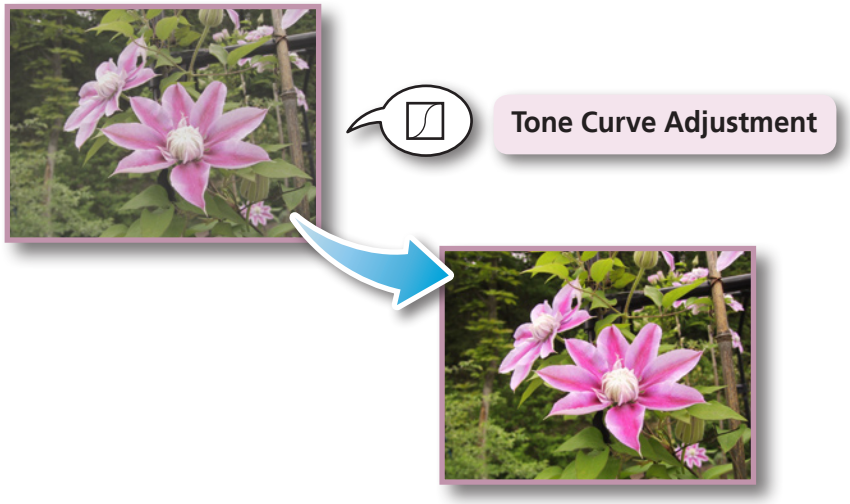
1. **Double-click an image.**
2.

[Edit] and [Level Adjustment].

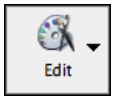
Movies and RAW images cannot be edited.

Correcting Tone Curves

You can adjust the color balance and brightness of an image using its tone curve (input/output conversion graph of image brightness).



Procedures

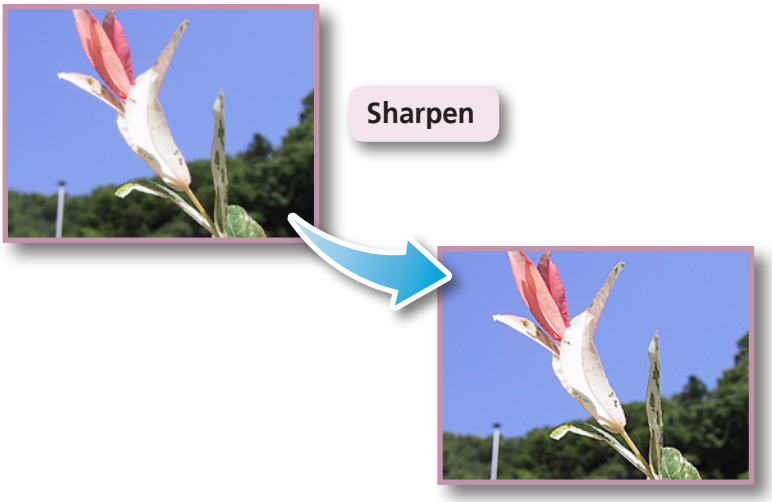
1. **Double-click an image.**
2. 

[Edit] and [Tone Curve Adjustment].

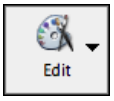
Movies and RAW images cannot be edited.

Adjusting Sharpness–Emphasizing Outlines

Makes images appear sharper by emphasizing the outlines of subjects, such as people and objects.



Procedures

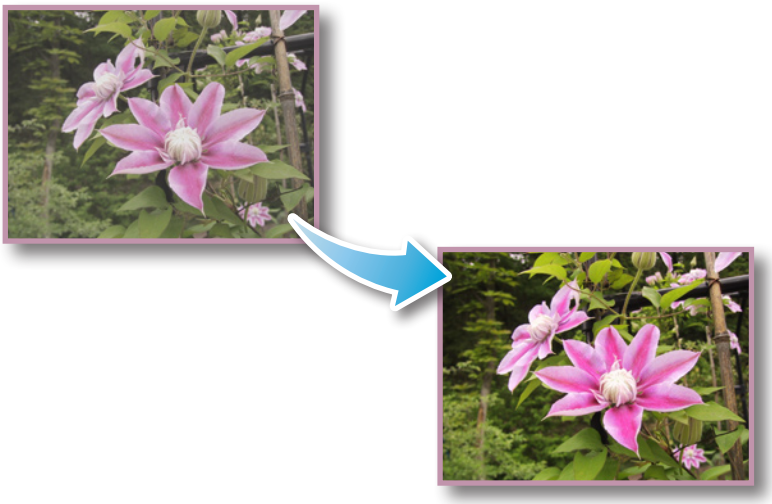
1. **Double-click an image.**
2. 

[Edit] and [Sharpness].

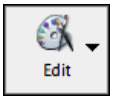
- Movies and RAW images cannot be edited.

Auto Adjustment

Automatically adjusts the image color balance and brightness.



Procedures

1. **Double-click an image.**
2. 

[Edit] and [Auto Adjustment].

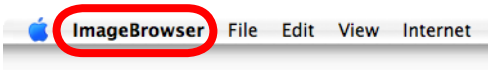
Movies and RAW images cannot be edited.

Using Other Editing Software

If you register another image editing program with ImageBrowser in advance, you can use that software to edit an image selected in ImageBrowser.

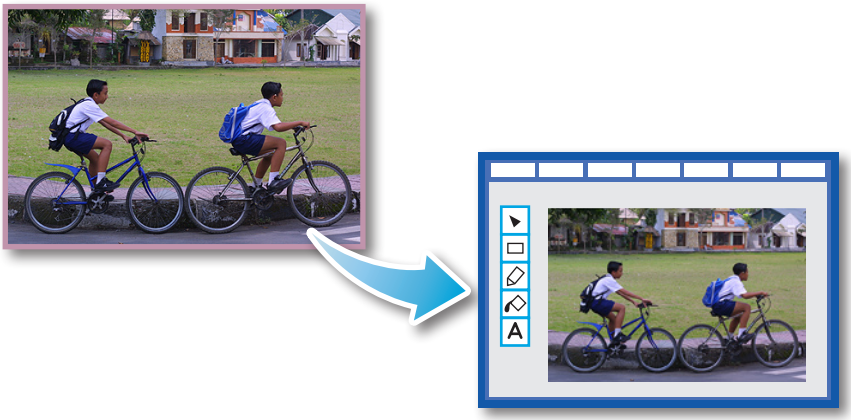
Registering an Editing Program

Procedures

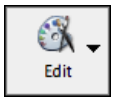
1. 

[ImageBrowser] and [Preferences].
2. **[Register Application]**

Editing Images with a Registered Editing Program



Procedures

1. **Double-click an image.**
2. 

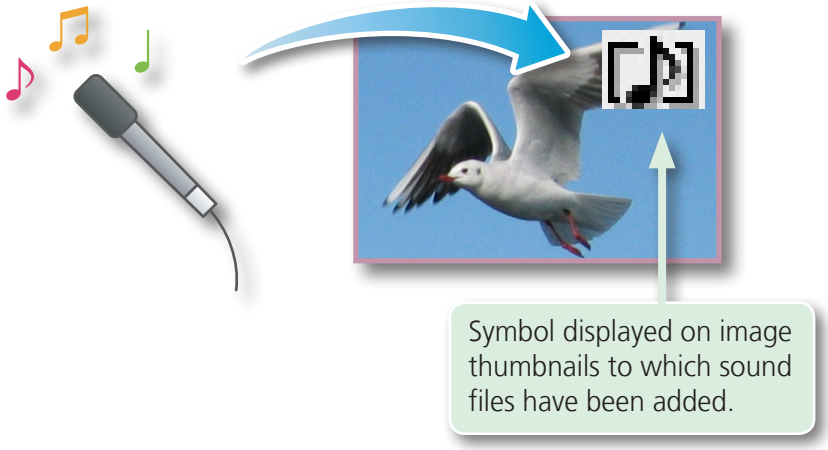
[Edit] and [Edit with Registered Application].

- The shooting information may be lost from images recorded with the camera and then processed and saved with another image editing program.
- Movies and RAW images cannot be edited.

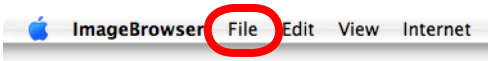
Attaching Sounds

You can add sound to images and play back the sounds.

Adding Sound



Procedures

1. **Select an image.**
2. 

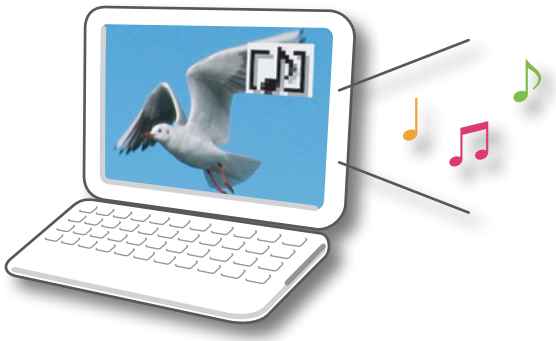
[File], [Sound] and [Record].

- ImageBrowser's Sound Recorder uses the Mac OS X recording function. If required, prepare such equipment as a microphone, and check that recording is enabled in the [System Preferences], [Sound] window.
- To delete a recorded sound, click the [File] menu and select [Sound], followed by [Send to Trash].
- To record a new sound for an image that already has one associated with it, click the [File] menu and select [Sound], followed by [Record].

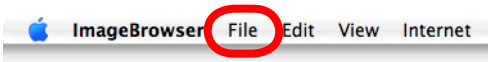
IMPORTANT

- **Sounds cannot be attached to movies.**

Playing an Image Sound File



Procedures

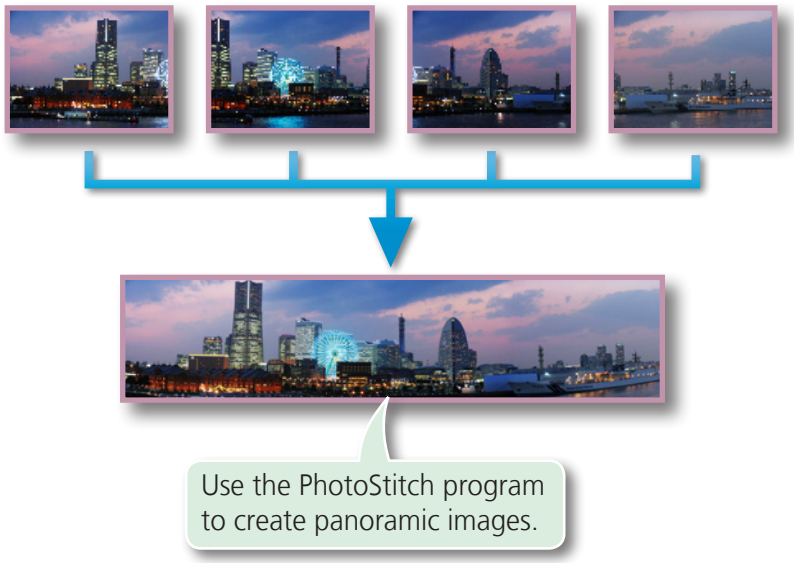
1. **Select an image.**
2. 

[File], [Sound] and [Play].

- You can also play sounds in the Preview Mode and the File Information Window.

Creating Panoramic Images–PhotoStitch

You can create wide panoramic images by moving the camera slightly when recording a series of images and merging them into one image.



Procedures

1. **Select the images that you want to stitch together.**
2. ImageBrowser File Edit View Internet

   [Edit] and [PhotoStitch].

- Movies and RAW images cannot be edited.

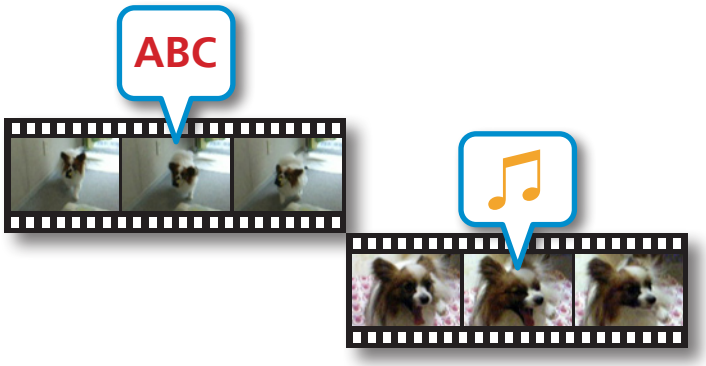
HINT

Using the Stitch Assist Mode

If you use the camera's Stitch Assist mode to record the images, PhotoStitch can automatically detect the image order and merge direction, making it easier to merge the images. (Some camera models may not feature the Stitch Assist mode.)

Editing Movies

You can create original movies by linking movie clips and still images.
You can even add titles and other text, background music and various special effects to the movie.



Procedures

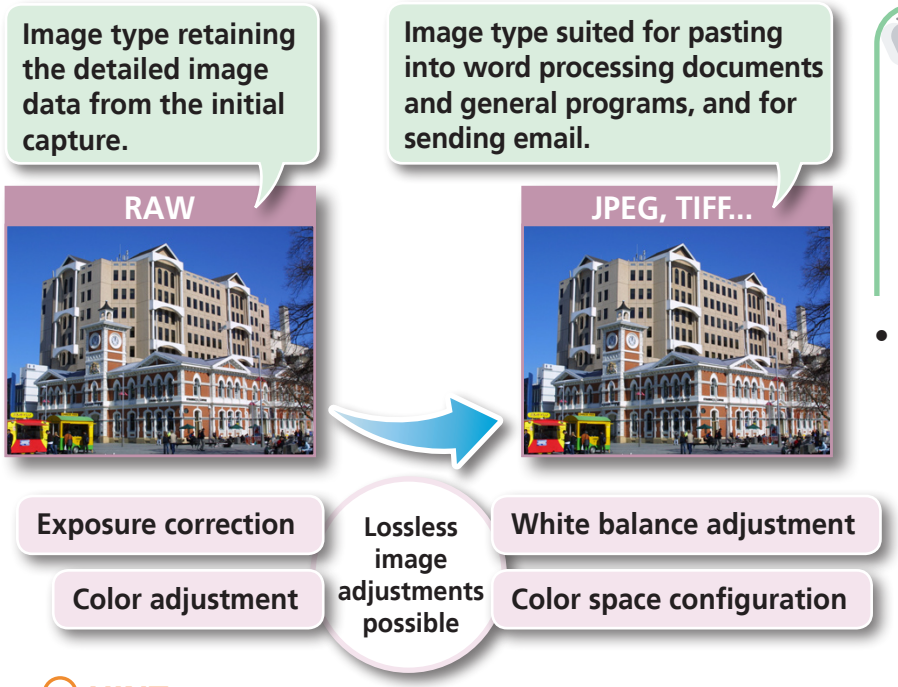
1. **Select an image (movie or still image).**
2. ImageBrowser File Edit View Internet

   [Edit] and [Movie Edit].

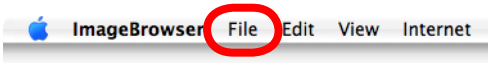
- You can configure the default settings for editing movies by clicking the [MovieEdit Task] menu and selecting [Preferences].

Converting RAW Images

You can convert RAW images to JPEG and TIFF images.



Procedures

1. **Select a RAW image.**
2. 

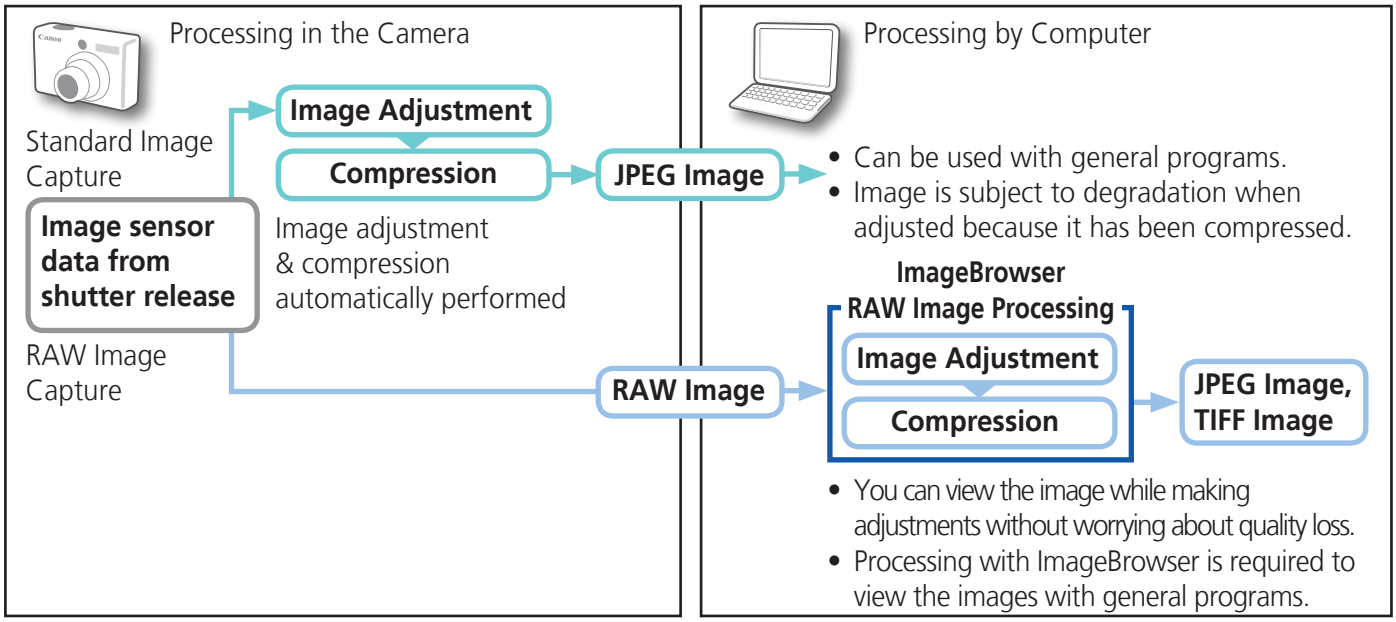
   [File] and [Processing RAW Image].

- You can use the Image Quality Adjustment Window to adjust the image brightness and color to your satisfaction.

HINT

About RAW Images

RAW images contain the data captured by the camera's image sensor without modification. Since they contain raw data that differs from the usual JPEG images by not having any image adjustment or compression processing performed in the camera, they can be converted on a computer with a lossless process.



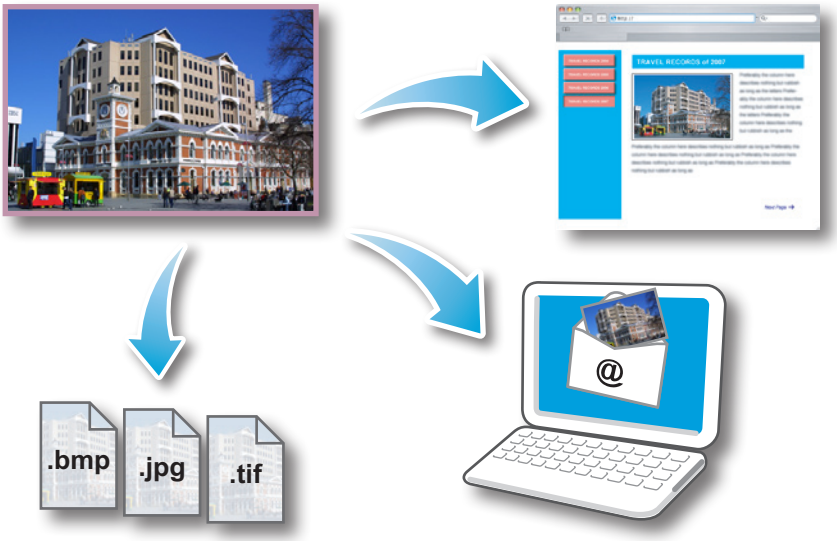
IMPORTANT

- **RAW images can only be captured on certain camera models that list "RAW" as one of the data types included in the "Specifications" section of the *Camera User Guide*.**

Exporting

Changing Image (Stills) Sizes and Types

You can change an image's size and format when exporting it so that it can be published on the Internet or attached to an email message.



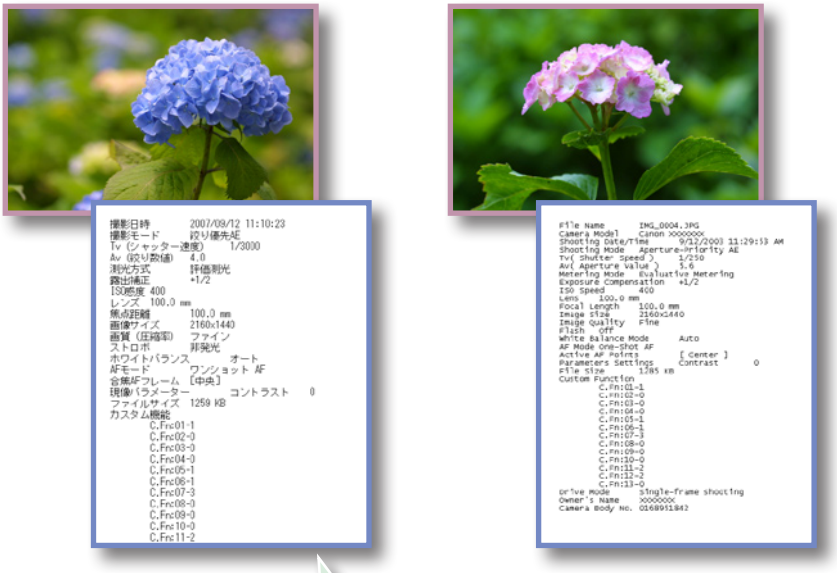
Procedures

1. **Select an image.**
2. ImageBrowser File Edit View Internet
   [File] and [Export Image].
3. **[Edit and Save Image]**
4. **[Next >]**

- You will lose the shooting information if you save images as a type other than JPEG.

Exporting Shooting Information

You can export the shooting information recorded with an image, such as the shutter speed and exposure, as a text file.



Ascertain the causes of failed photos or compare the settings for several images.

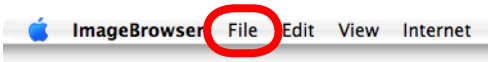
Procedures

1. **Select an image.**
2. ImageBrowser File Edit View Internet
   [File] and [Export Image].
3. **[Export Shooting Properties]**
4. **[Next >]**

Creating Computer Screen Saver Images

You can export images to serve as computer screen savers.

Procedures

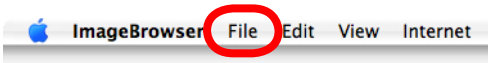
1. Select an image.
2. 

[File] and [Export Image].
3. [Export as a Screensaver]
4. [Next >]

Creating Computer Wallpaper Images

You can export images to serve as computer wallpaper images.

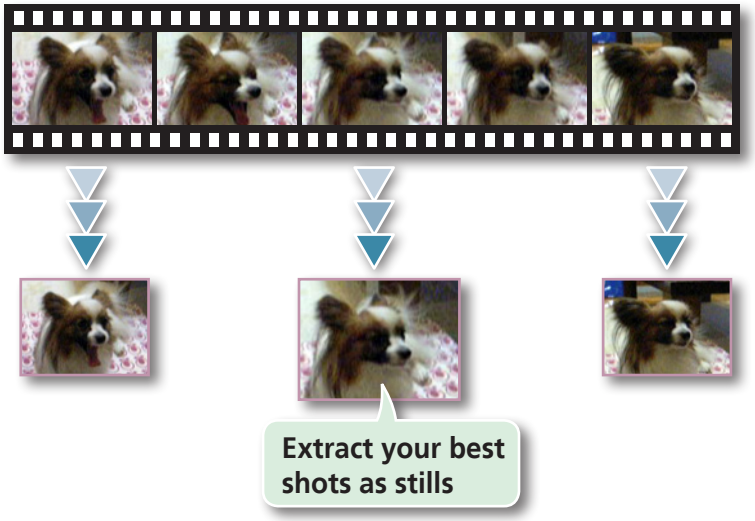
Procedures

1. Select an image.
2. 

[File] and [Export Image].
3. [Export an Image as Wallpaper]
4. [Next >]

Extracting Stills from Movies

You can extract and save stills from your favourite frames recorded in a movie.



Procedures

1. **Select an image.**
2.

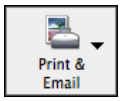
[Edit] and [Extract frames from a movie].

Email

Attaching Images to Email

You can send images as email file attachments.

Procedures

1 

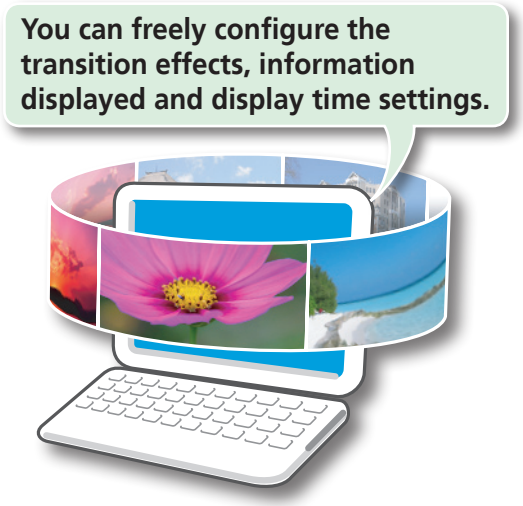
[Print & Email] and [Create Image for Email].

- You can configure how the email program automatically starts up after the image is created by opening the [Applications] folder, and double-clicking the [Mail] icon to start the Mail program, and clicking the [Mail] menu, followed by [Preferences] and the [General] tab.
- Images in the [Email Images] folder can be found by opening the [Users] folder on the startup disk, followed by the [User Login Name], [Library], [Preferences], [ImageBrowserUserData] and [Mail] folder.

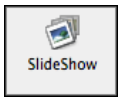
Slide Shows

Viewing Images in Slide Shows

A multiple selection of images can be shown at full size on the screen in succession as a slide show.



Procedures

1 

[SlideShow]

- You can configure the slide show display method by clicking the [View] menu and selecting [Slide Show Options].

HINT

Slide Show Button Functions

The following buttons appear at the bottom of the screen while a slide show is playing.

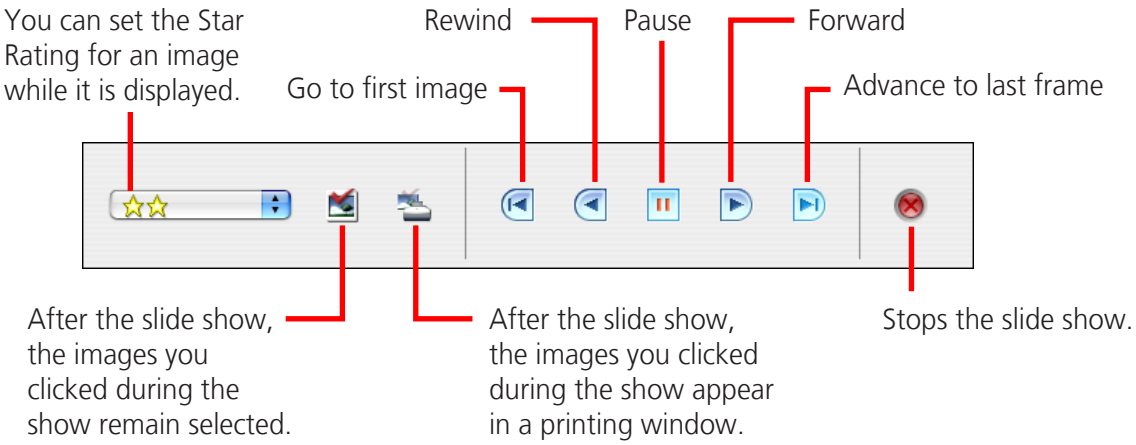
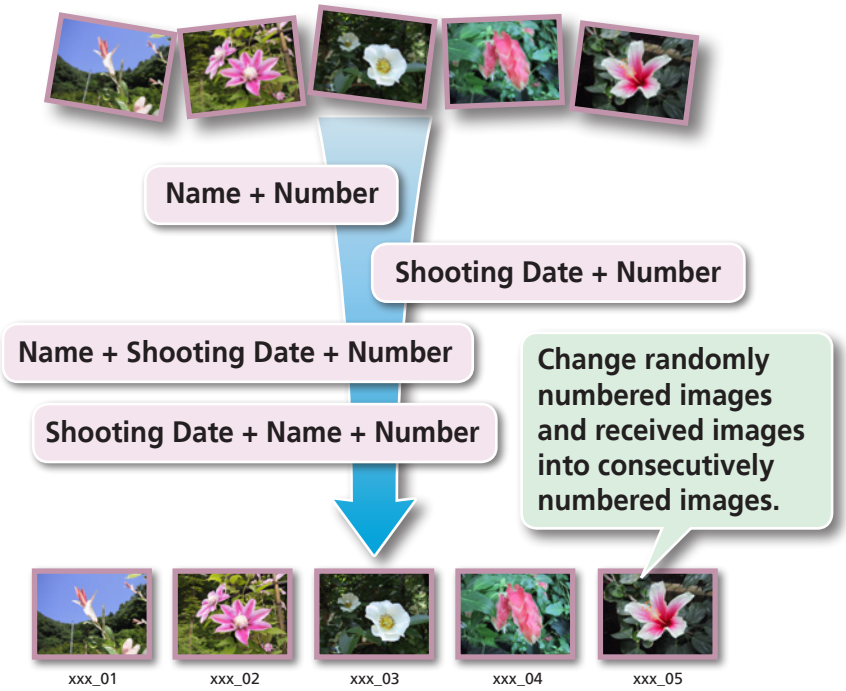


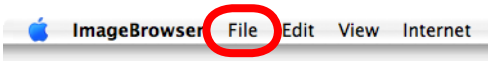
Image Management

Changing File Names in Batches

You can change the file names of multiple images in one procedure.



Procedures

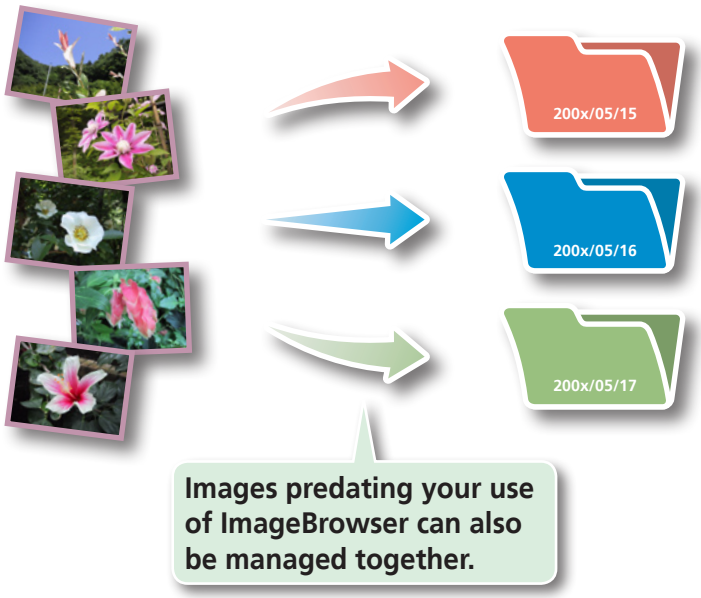
1. **Select an image.**
2. 

[File], [Organize Image] and [Rename].

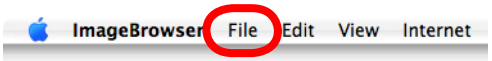
- You can change individual file and folder names by clicking on the file name in Preview mode or with the File Information Window.
- Changing the image name in ImageBrowser also changes the actual file name on the disk.

Sorting Images into Folders by Shooting Date

You can sort images into folders by their shooting dates.



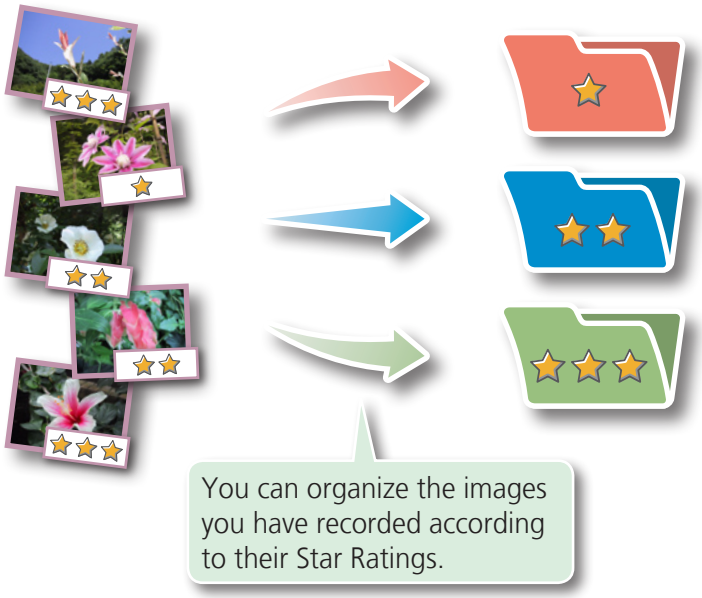
Procedures

1. **Select an image.**
2. 

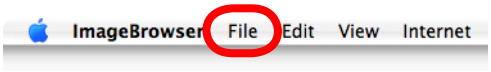
[File], [Organize Image] and [Sort Images].
3. **[The files will be separated into folders for each shooting date.]**
4. **[Next >]**

Classifying Images Into Star Ratings Folders

You can classify images according to their Star Ratings into separate folders.



Procedures

1. **Select an image.**
2. 

[File], [Organize Image] and [Sort Images].
3. **[The files will be organized by Star Rating.]**
4. **[Next >]**

Configuring Image Information Settings

Setting Star Ratings

You can set the Star Ratings used in searching and displaying images in the index list.

Procedures

1. **Select an image.**
2.

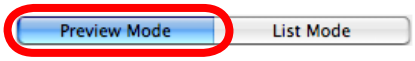
Switch to [Preview Mode].
3. **Set [Star Rating].**

- You can also set the Star Ratings by accessing the [Edit] menu, the File Information Window or the Viewer Window.

Inserting Comments

You can freely insert your choice of text as Comments.

Procedures

1. **Select an image.**
2. 

Switch to [Preview Mode].
3. **Insert [Comment].**

- Comments can also be managed in the File Information Window.

Assigning Keywords

You can set Keywords for use in image searches.

Procedures

1. **Select an image.**
2.

Switch to [Preview Mode].
3. **Set [Keywords].**

- Keywords can also be managed from the [Edit] menu or File Information Window.
- To add keywords, click the [Edit] menu and select [Manage] from the [Keyword] submenu.

HINT

About the Image Information

This chart shows the information other than shooting information that can be added to images.

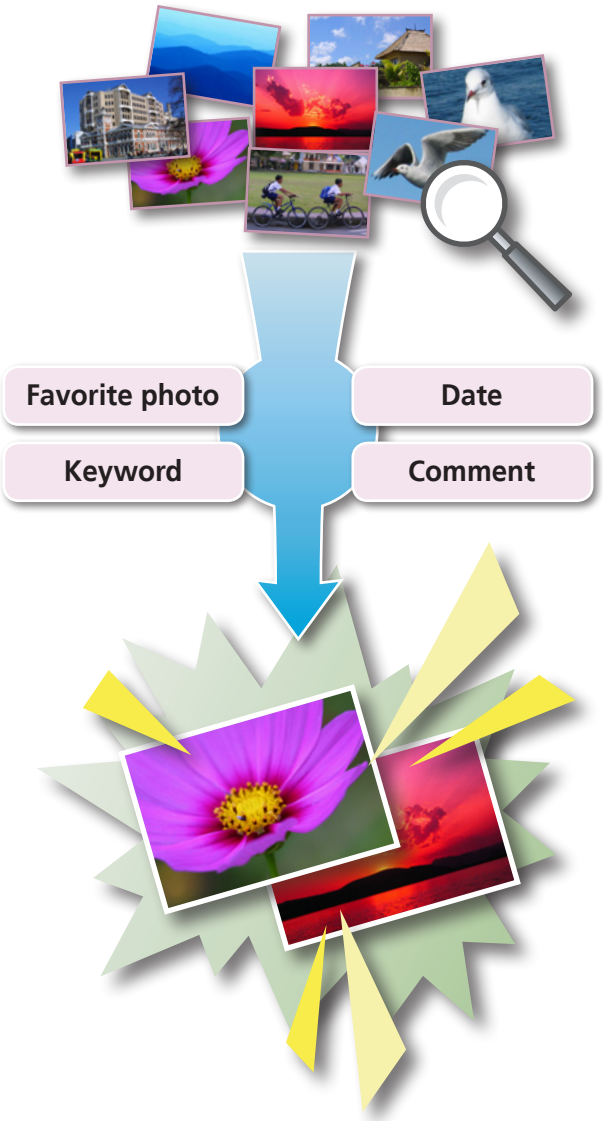
Information Type	My Category	Star Ratings	Comments	Keywords
Content	Categories such as People, Scenery, etc.	Rated on basis of 3 rankings: ★, ★★, ★★★	Text input without restriction regarding the shooting circumstances or associated memories.	Selections are made from a list (editable) of keywords, such as the photographic subject, place or action.
Configuration Method	Configured in Camera	Configured in ImageBrowser		
Used in Searches	—	O	O	O
Used as Filter Criteria	O	O	—	—
Display beneath Thumbnail	O	O	O	—

Categories displayed beneath thumbnails can be selected from the [View] menu and [View Settings] submenu.

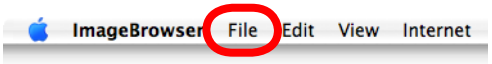
Searching, Filtering and Sorting Images

Searching Images

You can search images using parameters extracted from the information associated with them.

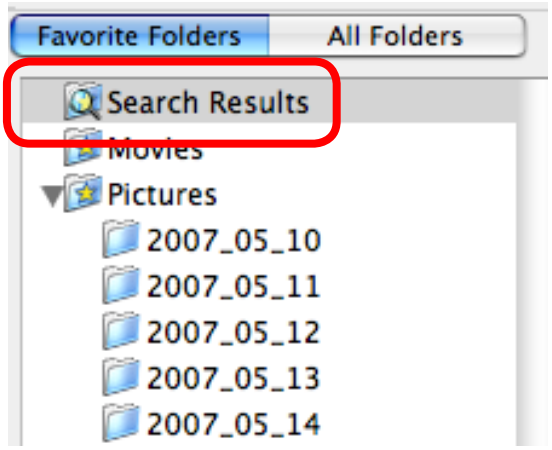


Procedures

1 

[File] and [Search].

- After a search, the correlated images display in the [Search Results] folder.



HINT

Tasks Related to Search Results
You can select images in the [Search Results] folder and perform operations on them, such as printing or copying them to other folders.

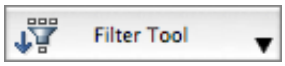
IMPORTANT

- **Please note that deleting an image from the [Search Results] folder deletes the original image. Use caution in deleting items from this folder.**

Filtering Images

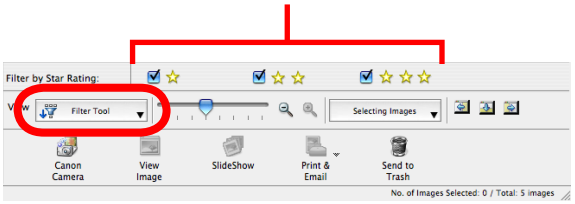
You can use filters to display only images meeting the selected parameters in the Browser Area.

Procedures

1 

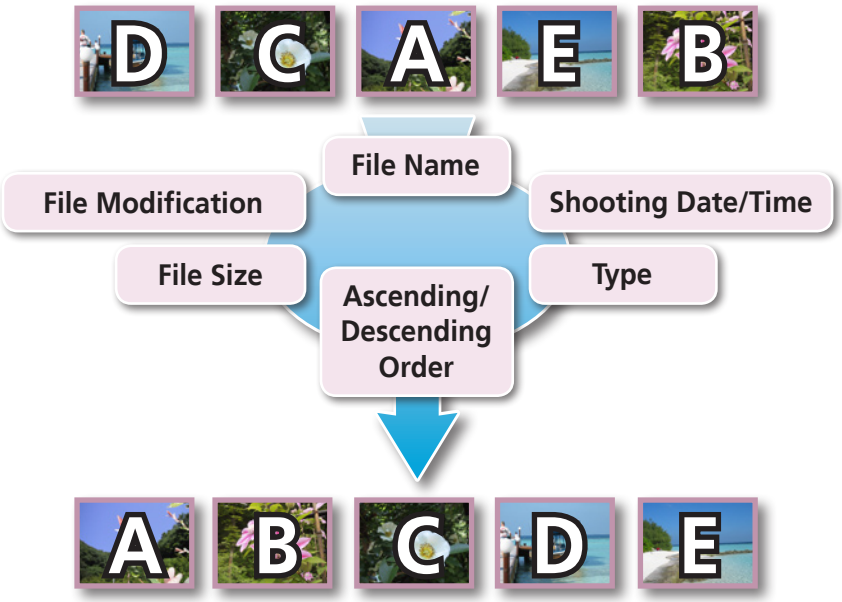
[Filter Tool]

This section is used to specify the filter criteria.

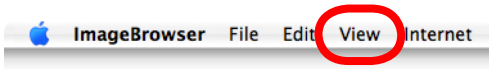


Sorting Images

You can sort images in the Browser Area based on the specified parameters.



Procedures

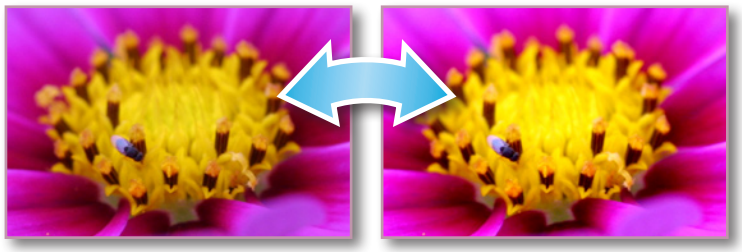
1 

[View] and [Sort].

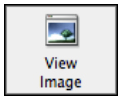
Comparing Images

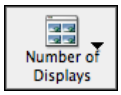
Comparing Multiple Images

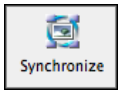
When a good photo opportunity arises, you can shoot the same subject using different shutter speeds and exposures. In ImageBrowser, it is easy to compare images so that minute differences can be detected.



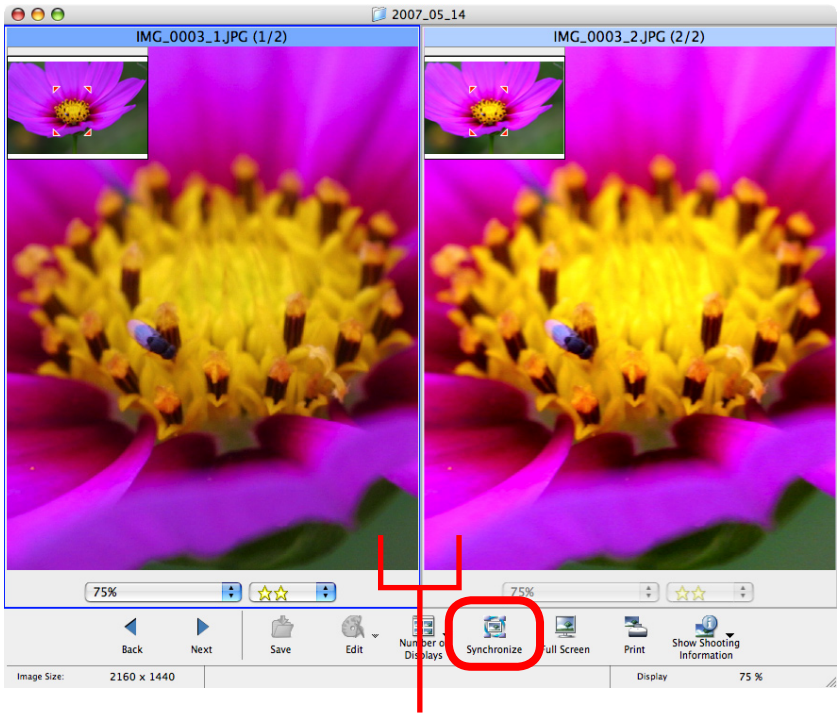
Procedures

1. **Select several images to compare.**
2. 

[View Image]
3. 

Select a view method from [Number of Displays].
4. 

[Synchronize]



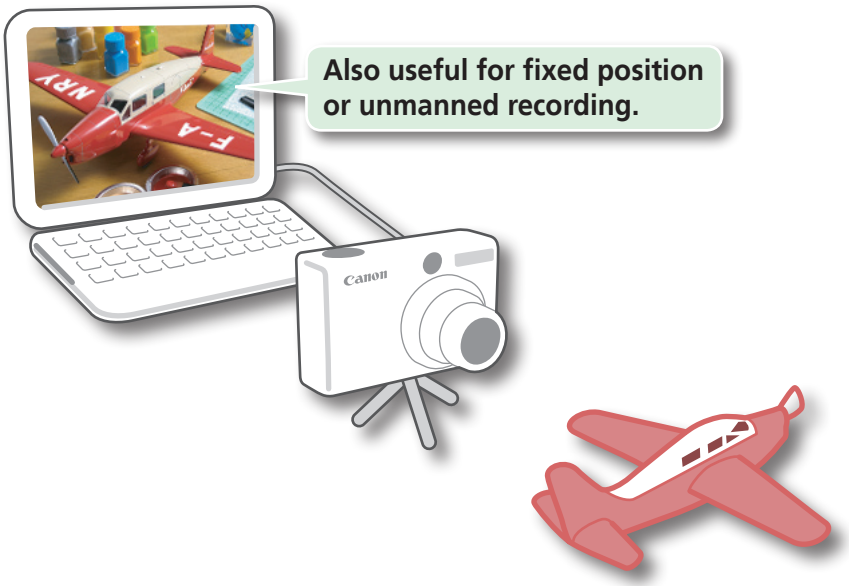
Actions, such as scrolling or changing the magnification, are performed on both images no matter which image it is performed upon.

- Selecting [Synchronize] causes actions such as increasing/reducing the magnification level or scrolling around the image to apply to all of the selected images in lock step, making it easy to check minute details of focus, coloring and other image characteristics.

Remote Shooting

Operating the Camera Using Computer Commands

You can activate the shutter of a connected camera from the computer.



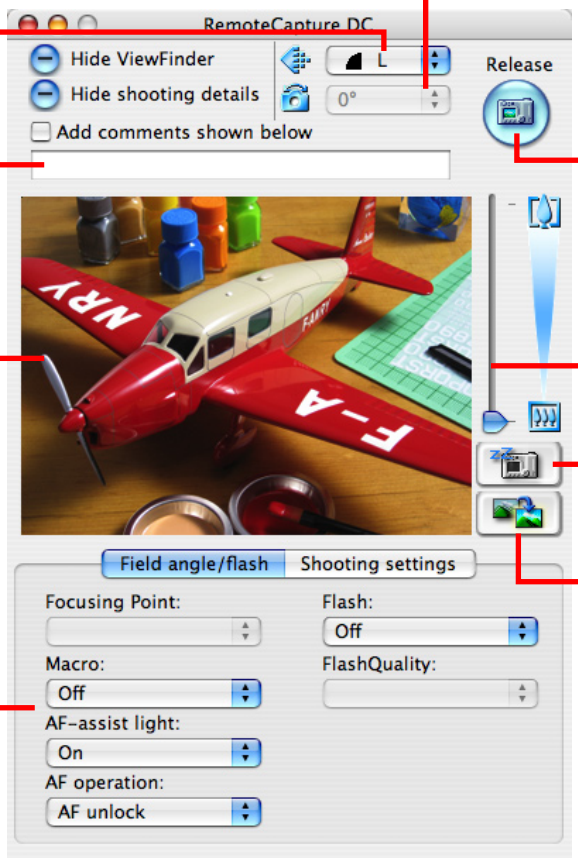
Procedures

1. Connect the camera to the computer.
2. Set the camera to the Playback mode and switch it on.
3. If CameraWindow opens, click [Operate using this computer], followed by ☒.
4. Open the [Applications] folder, [Canon Utilities] folder, [CameraWindow] folder, and double-click the [RemoteCapture DC] icon.

IMPORTANT

- Remote shooting is only available with certain camera models that list it as one of the features in the "Specifications" section of the *Camera User Guide*.
- Ensure that you turn off your computer's Sleep feature before you begin remote shooting. The results cannot be guaranteed if the computer enters Sleep mode while remote shooting.
- Except for the shutter button, the camera's buttons and switches, including the zoom, cannot be manually operated while the camera is being remotely controlled.
- The time lag between pushing the shutter button and the release of the shutter is slightly longer for remote shooting compared with the normal mode of operation.

Remote Shooting Window



Selects the image's recording size and compression.

You can add a comment to an image.

Viewfinder

Sets the shooting settings.

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

Sets the camera's zoom.

Turns the viewfinder display on or off.

Resets the exposure, focus and white balance settings.

HINT

Interval Timer Shooting

This method captures a set number of frames recorded at set intervals of time. Click the [Shooting] menu and select [Interval Timer Shooting]. (Short intervals may be insufficient for image transmission and saving, resulting in the failure to capture images at the specified interval.)

Timer Shooting

This method captures a single image after a set number of seconds. Click the [Shooting] menu and select [Timer shooting]. The timer interval settings range from 2 seconds to 30 seconds.

Displaying Subjects 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 [Camera] menu and select [Camera Display Settings]. See the *Camera User Guide* for TV connection instructions.

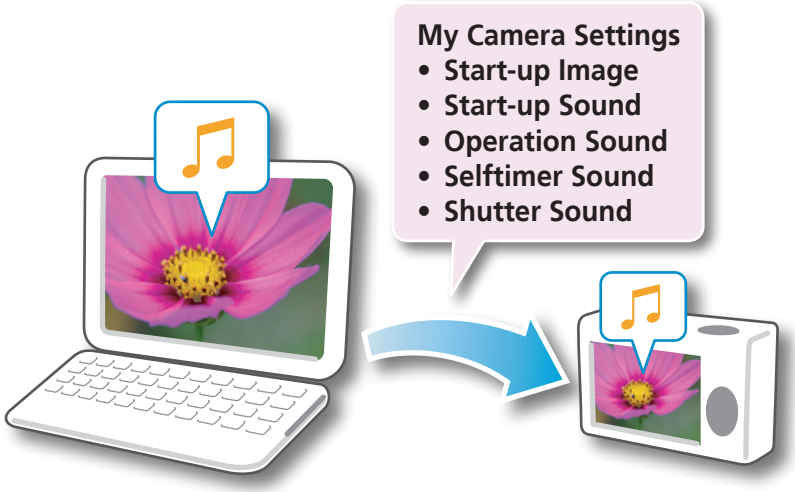
Shooting Without Worrying about Memory Card Capacity

Clicking the [RemoteCapture DC] menu and selecting [Preferences] opens the Preferences window. If you place a check mark beside [Computer only] in the [Save Images On] section, you can continue recording without worrying about free space on the camera's memory card.

My Camera Settings

Changing the Shutter Sound and Start-Up Image

The camera's start-up image, start-up sound, shutter sound, operation sound and self-timer sound are collectively referred to as My Camera Settings. You can register your own custom images and sounds as the My Camera Settings.



Procedures

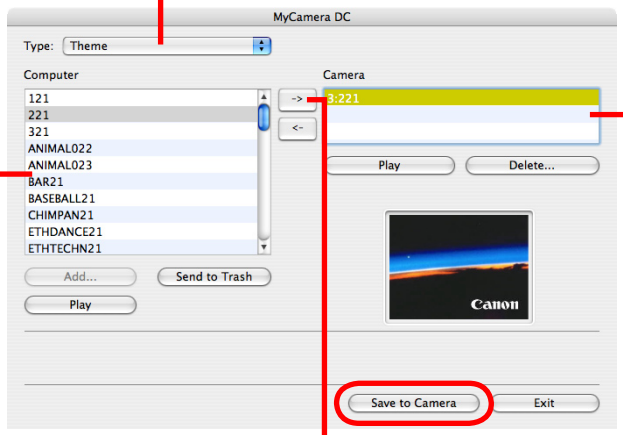
1. Connect the camera to the computer.
2. Set the camera to the Playback mode and switch it on.
3. If CameraWindow opens, click [Operate using this computer], followed by ☒.
4. Open the [Applications] folder, [Canon Utilities] folder, [CameraWindow] folder, and double-click the [MyCamera DC] icon.

IMPORTANT

- My Camera Settings are only available with certain camera models that list them as features in the "Specifications" section of the *Camera User Guide*.
- Do not interrupt the connection between the camera and computer when My Camera Settings are being transmitted between them.

You can register the start-up image, start-up sound, shutter sound, operation sound and self-timer sound collectively if you select [Theme].

My Camera Settings in the computer.



My Camera Settings registered in the camera.

After selecting a My Camera Settings file from the left-hand list, select a My Camera Settings file to replace in the right-hand list and click this button, then click [Set to Camera] to register it in the camera.

HINT

Creating My Camera Settings

Comply with the following specifications if you create My Camera Settings in image editing or sound editing software.

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

Sound files: Compression Method: WAVE (Monaural)
Quantifying Bits: 8 bit
Sampling Frequency: 11.025 kHz or 8.000 kHz (Use the chart on the right 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

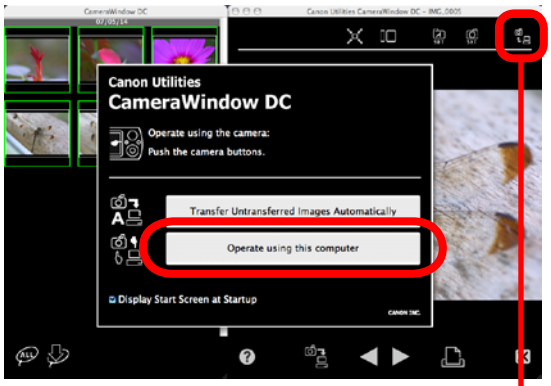
Uploading Images

Uploading Images to a Camera

You can upload images from a computer to a memory card in a camera.

Procedures

1. **Connect the camera to the computer.**
2. **Set the camera to the Playback mode and switch it on.**
3. **Click [Operate using this computer].**



4. **Click (Send to Camera).**

- If the Browser Window is open when the camera is connected (directly after downloading for instance), open CameraWindow by clicking the [Canon Camera] icon in the Control Panel of the Browser Window.

IMPORTANT

- **Only images compliant with Design rule for Camera File system standards can be uploaded to your camera's memory card.**

Preference Settings

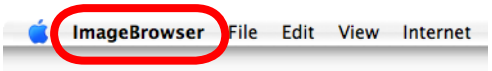
Customizing ImageBrowser

You can configure ImageBrowser to operate according to your preferences.

- Overall coloring, such as window appearances
- Processing methods for images shot with the camera on end
- Categories of shooting information displayed
- Show/hide messages
- Print settings
- Registering applications

Procedures

1



[ImageBrowser] and [Preferences].

Supported Image Types

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

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 a movie icon in the Browser Area of ImageBrowser.

New Features in This Version

The following features were added or changed in this version of ImageBrowser. (ImageBrowser Ver. 5.8 to 6.0)

CameraWindow Makeover

CameraWindow has been completely revamped to make the linkage tighter between Canon brand cameras and ImageBrowser and to add convenience and functionality. It may not be possible to use the new CameraWindow with some camera models.

Changes to Memory Card Downloading Methods

The Camera Control Window was used in prior versions to download images from memory card readers. From this version onward, these downloads are performed as an ImageBrowser function in the Browser Window. The data reading speed has also been significantly accelerated.

Text Insertion Feature Added to Printing Functions

In addition to the ability to print such information as the shooting date with the image, you are now able to add text freely during the printing preparation. Greeting cards and photos bearing messages can now be made with ease.

Task Button Revisions

The Control Panel Buttons composition has been revised to make the tasks more intuitive.

- The starting point for the “Create Image for Email” process has shifted from the [Internet] button to the [Print & Email] button.

Software User Guide Macintosh (ImageBrowser, PhotoStitch)

Disclaimer

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

Trademark Acknowledgments

- Macintosh, the Mac logo, QuickTime and the QuickTime logo are trademarks of Apple, Inc., registered in the U.S. and other countries.

CDA-E014-010
© 2007 CANON INC.