FUJIFILM

FinePixViewer

User's Guide for Macintosh

This User's Guide contains the instructions for using the FinePixViewer. Read this manual carefully before using this program.

IMPORTANT

Be sure to read this page before using the Software Set.

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Introduction

This User's Guide describes how to use the FinePixViewer.

In this Guide, it is assumed that the reader has a basic grasp of how to use a personal computer (PC). For information on how to use your PC, refer to the manuals supplied with the PC.

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Symbols Used in This Guide

The symbols listed below are used throughout this guide.

- Indicates a camera operation must be performed. Refer to the Owner's Manual for your camera.

NOTE Indicates important precautions to follow when using the software.

✻ Indicates important information.

☞ Indicates notes or additional information.

TIP Indicates useful tips.

About the Software

FinePixViewer Supports the Following File Formats:

Display/ Playback	Still images	Exif-JPEG, Exif-TIFF(RGB), Exif-TIFF(YC), JPEG (JFIF baseline only), BMP, PICT, TIFF(RGB), TIFF(16bit) or CCD-RAW (FUJIFILM proprietary format)
	Movies	AVI (Motion JPEG), MOV (QuickTime movie), MPEG1
	Sound	WAV, MP3, AIFF
Save	Still images	Exif-JPEG, Exif-TIFF(RGB) or PICT

FinePixViewer File Format Compatibility Table

The table below provides details of the CCD-RAW and 16-bit TIFF image compatibility in FinePixViewer.

○: Supported ×: Not supported

Function \ Format	CCD-RAW	16-bit Tiff
Uploads	×	×
Ordering prints	×	×
Print	×	○
Index print	○	○
Batch resize	×	○
Batch rotation	×	○
Batch format conversion	×	○
Automatic rename	○	○
Playback (open)	×	○
Thumbnail list display	○	○
Image information display	○	○
Playback pane	○	○
Slide shows	○	○

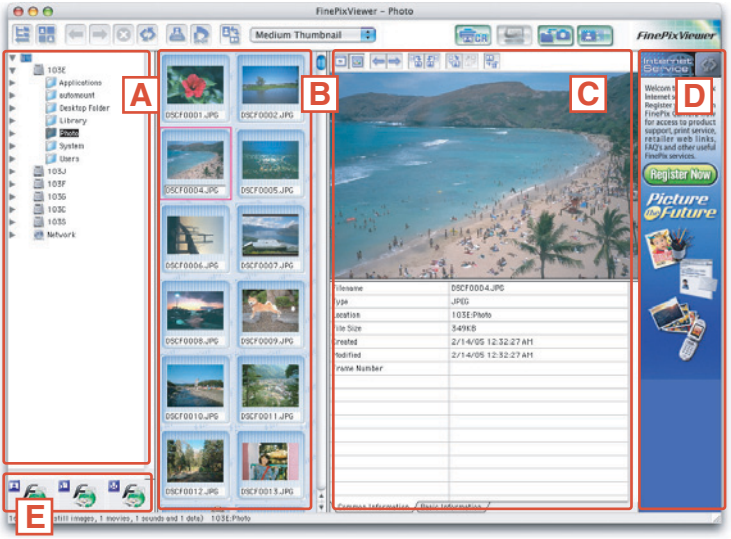
Notes on playing back AVI-format movie files on a computer

- Before playing back a video file on your computer, copy and save the video file from the media (xD-Picture Card, SmartMedia or Microdrive) to your computer's hard disk. Then play back the saved file.
- Video files contain large amounts of data. Depending on the performance of your computer, the video may not play back smoothly because your computer cannot process the images quickly enough. (The video can still be played back normally on the camera's LCD monitor or on a TV screen connected to the camera.)

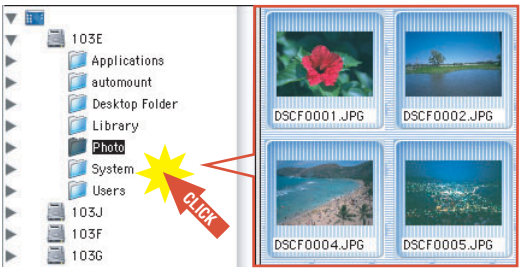
● Guide to computer performance

Image size	640 × 480 pixels		320 × 240 pixels			160 × 120 pixels	
Frame rate	30 fps	15 fps	30 fps	15 fps	10 fps	15 fps	10 fps
Macintosh	867 MHz G4 or better	366 MHz G3 or better	233 MHz G3 or better				

Window Components – Display Areas

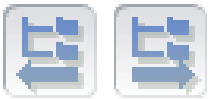


Name	Function
A Folder tree display area	The folders on the recording media loaded in the computer or camera are displayed in the folder tree display area. However, when a PTP-compatible camera is used, the camera icon does not appear.
B Thumbnail display area	Shows reduced versions of the images in the selected folder. The reduced images are referred to as thumbnails.
C Playback Pane	Shows a larger version of the image along with a range of information about the image.
D Internet Service display area	Shows the FinePix Internet Service menu.
E Playback application display area	Allows you to register and switch between the application programs used to play back images.



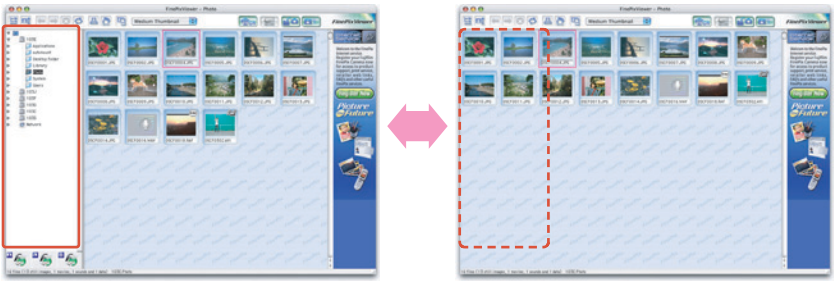
The images in the folder selected in the folder tree display area A are displayed in the thumbnail display area B.

Window Components – Buttons



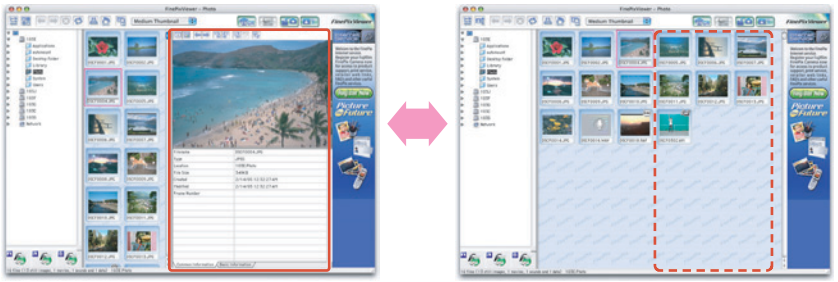
Show/Hide Folder Tree button

Switches between showing and hiding the folder tree display.



Show/Hide Playback Pane button

Switches between showing and hiding the playback pane.



	Name	Function	Related Topics
	Back button	Selects folders by moving back through the folder selection log.	Using the Folder Tree Using the Thumbnail Display Area
	Forward button	Selects folders by moving forward through the folder selection log.	
	Stop button	Cancels thumbnail display.	

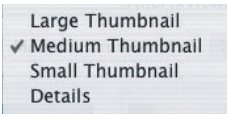
	Name	Function	Related Topics
	Refresh button	Updates the display.	—
	Print button	Prints the selected thumbnail.	Thumbnails
	Print Order button	Launches the DPOF application.	Ordering Prints
	Batch Rotation button	Rotates the selected thumbnail.	Batch Operations and Settings

	Name	Function	Related Topics
	Batch Copy	Copies multiple images at once.	Batch Operations and Settings
	Slide Show button	Starts a slide show.	Viewing Slide Shows
	Converting CCD-RAW files	Converts CCD-RAW files to TIFF or Exif-JPEG format.	Launching the CCD-RAW Data Conversion Function
	Save image to the camera (PTP)	Transfer JPEG images saved on a PC to the camera. * When using a PTP-compatible camera	—
	CR button	For printing on a printer that supports Exif 2.2 (“Exif Print”), this option specifies whether to cancel automatic compensation.	—

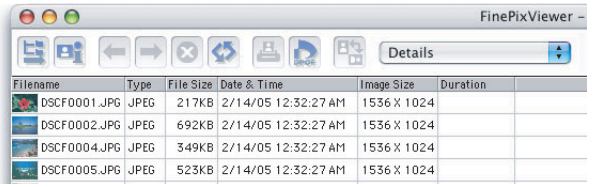
Switching Thumbnails / Changing Area Sizes

Switching Thumbnails

Related Item: Using the Thumbnail Display Area



Details



Selecting “Details” displays information such as the image size and the photography date and time.

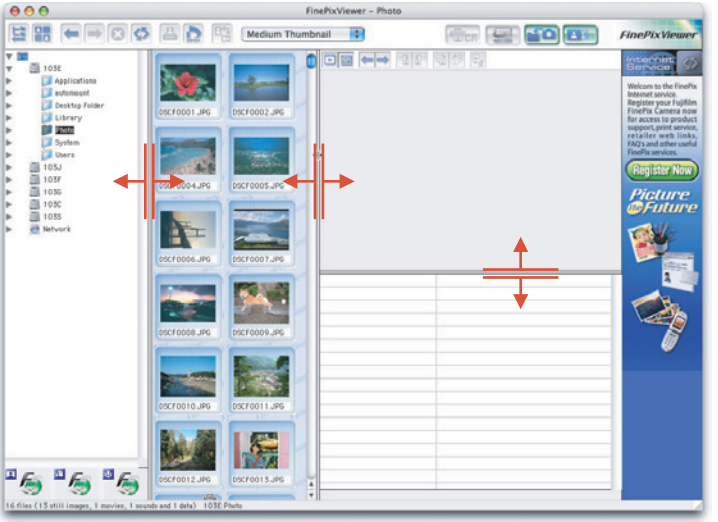
Large Thumbnail

Medium Thumbnail

Small Thumbnail

Changing Area Sizes

Related Item: Window Components – Display Areas



You can change the size of an area by dragging the area frame.

Using FinePixViewer

Saving Images on Your Computer / Deleting Images

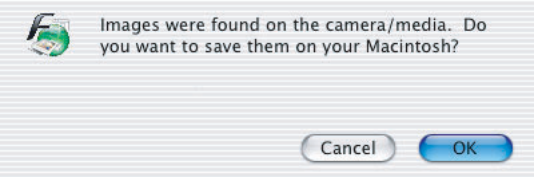
Saving Images on Your Computer

This section gives a brief overview of how to use FinePixViewer. Refer to these instructions while you are using FinePixViewer.

① **Connect the camera to your computer in DSC mode.**
However, when a PTP-compatible camera is used, no camera operations are required. Simply connect the USB cable to the camera and PC.

See “Viewing Images” in the camera Owner’s Manual.

② **FinePixViewer starts up. When the Automatic Save dialog box appears, click the [OK] button.**

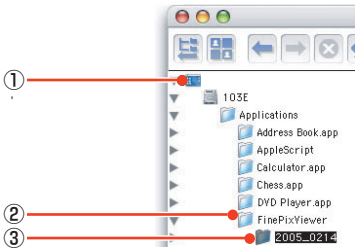


③ **After the Automatic Save has been checked, the Automatic Disconnect dialog box appears. Click the [OK] button and disconnect the camera.**

④ **Check that the files are downloaded from the camera to your computer and that a folder with the photography date is created.**
Open the folder as shown below. For information on the folder to which the images were saved, see "Automatic Save Settings".

TIP

To open a folder, click on the arrow "▶" to the left of the folder.



② indicates the folder in which FinePixViewer is installed.

⑤ **Double-click a still-image thumbnail to open an image window. See "Using the Image Window" for details.**

Marquee tool:
Allows you to specify an area to be cropped on the screen.

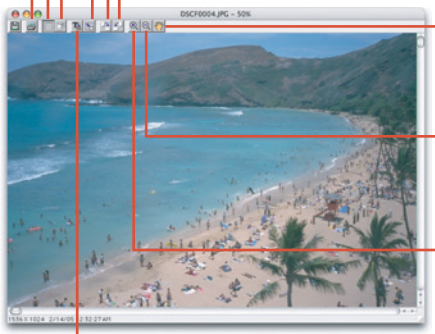
Print

Crop

Image size:
Allows you to change the image size.

Rotate right (CW)

Rotate left (CCW)



Hand tool:
Use this to scroll the screen display.

Zoom Out tool:
Use this to shrink the screen display.

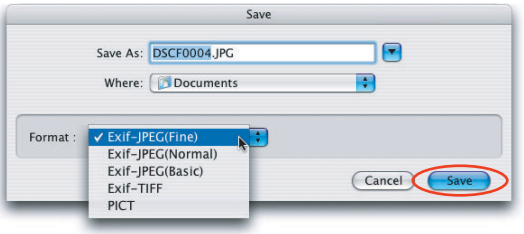
Zoom In tool:
Use this to enlarge the screen display.

Type tool:
Allows you to type in text on the screen.

⑥ **You can use functions such as “Rotate” and “Type Tool” to modify your image.**

⑦ **Click the [Save As...] button.**

⑧ **Enter a file name and click the [Save] button.**



NOTE

If you repeatedly save an image in the Exif-JPEG format the image quality deteriorates. We recommend that you save the original file using the following procedure:

- First make a copy of the original file.
- Save the file under a different name or in a different location.
- Save the file in a format that does not lower the image quality (Exif-TIFF or PICT).

⑨ **Close the image window.**

Deleting Images

① **Select the images to be deleted.**

② **Click “Delete” in the File menu.**

③ **Click the [OK] button in the confirmation window to delete the selected images.**

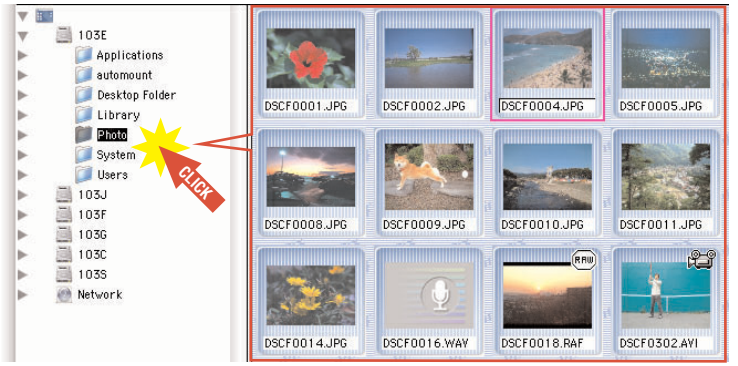
Using the Folder Tree

Selecting Folders / Sample Procedure – Checking the Images on the Camera / Moving and Copying Folders and Images

- Selecting a folder from the folder tree display area and checking the thumbnail display is a convenient way to search for an image.
- The thumbnail display also provides a way to check the results when you move or copy images.

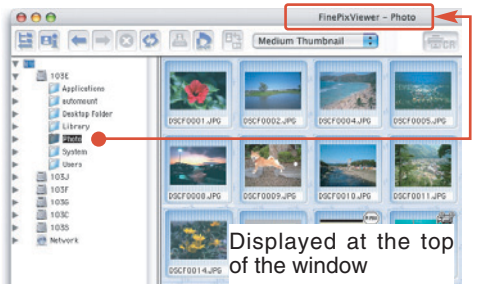
The “folder” saved on the PC is displayed in the folder tree display area.

The images in a folder selected in the folder tree display area are displayed in the thumbnail display area.



Selecting Folders

When you select a folder, the folder name is highlighted and the images in that folder are displayed in the thumbnail display area.



Unselected

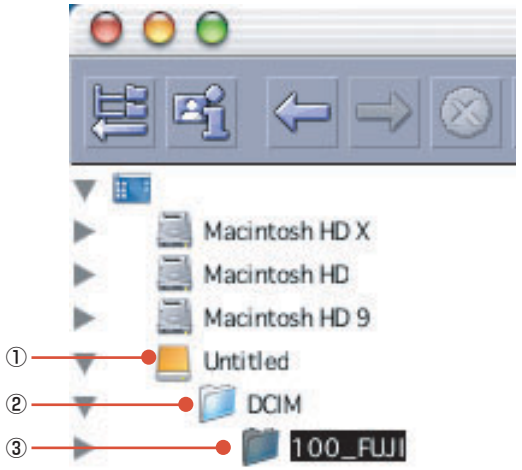
CLICK

Select ➔ The images in this folder are displayed.

To open or close a folder, click the arrow "▶" to the left of the folder.

Sample Procedure – Checking the Images on the Camera

When you open folders in the sequence shown below, the images on the camera appear in the thumbnail display area.



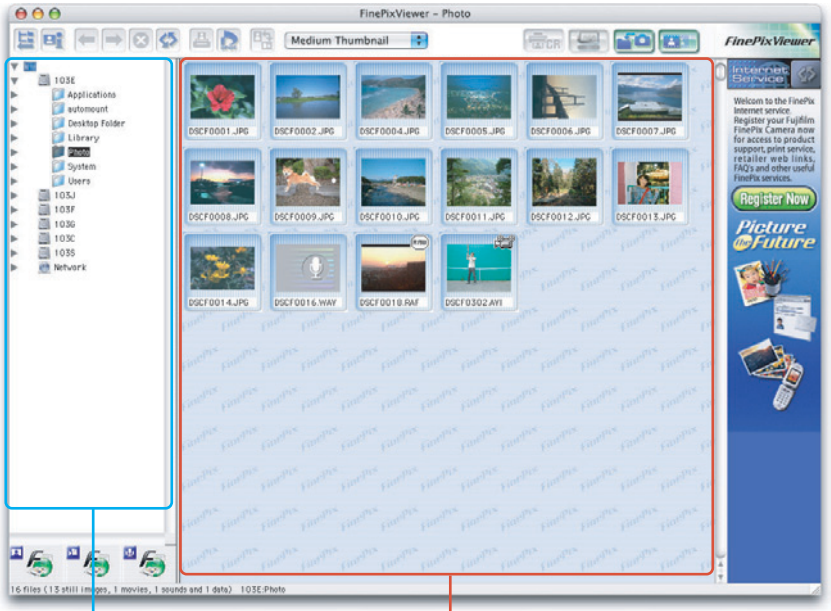
NOTE

- Because the camera icon is not displayed when you use a PTP-compatible camera, this operation cannot be performed.
- When “OK” has been selected to remove the camera after saving images, the icon is not displayed even if the camera is connected. First turn the camera off then back on. Then, after saving the images again, “Cancel” the removal of the camera, and then perform the operation.

Moving and Copying Folders and Images

You can use drag and drop to move and copy folders and images.

Aim	Operation
Move	Drag and drop the folder or image in the folder tree display area.
Copy	Drag and drop the folder or image in the folder tree display area while holding down the [option] key.
Stop a move or copy	Drop the folder or image in the thumbnail display area.
When you drop the folder or image (release the mouse button) , the operation ends.	



Using the Thumbnail Display Area

Thumbnail Types / Switching Thumbnail Display Modes / Select a Thumbnail

The thumbnail display area shows a list of reduced versions of the images in a folder. The reduced images are referred to as thumbnails.

Related Topics

- Using the Folder Tree
- Using the Image Window

Thumbnail Types

The type of thumbnail shown differs depending on the file format.

✻The file names of still images with sound are shown in color.

Still Image

Sound

Still Image with Sound

Movie

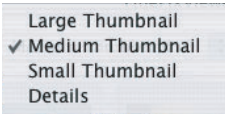
CCD-RAW

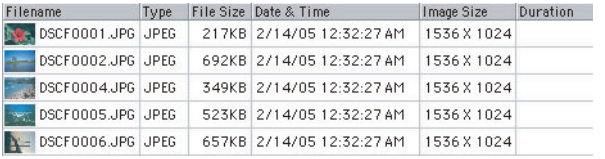
Adobe RGB (1998)

Blog Mode Image

A damaged file or a format not supported by FinePixViewer.

Switching Thumbnail Display Modes





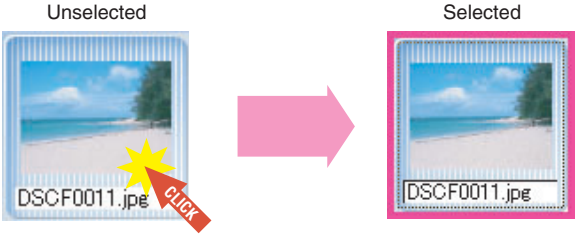
Filename	Type	File Size	Date & Time	Image Size	Duration
DSCF0001.JPG	JPEG	217KB	2/14/05 12:32:27 AM	1536 X 1024	
DSCF0002.JPG	JPEG	692KB	2/14/05 12:32:27 AM	1536 X 1024	
DSCF0004.JPG	JPEG	349KB	2/14/05 12:32:27 AM	1536 X 1024	
DSCF0005.JPG	JPEG	523KB	2/14/05 12:32:27 AM	1536 X 1024	
DSCF0006.JPG	JPEG	657KB	2/14/05 12:32:27 AM	1536 X 1024	

Selecting “Details” displays information such as the image size and the photography date and time.

Select a Thumbnail

This section describes how FinePixViewer operates when you select a thumbnail. Refer to the operation examples provided here.

• When you click a thumbnail, only that thumbnail is selected.

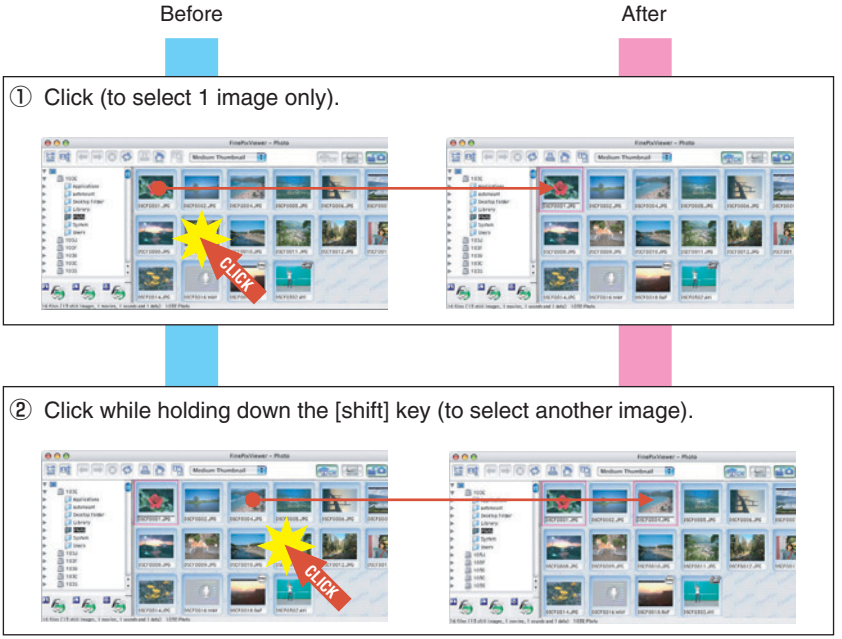


• To select multiple images, drag the mouse so that the images are enclosed.

• To select additional thumbnails, hold down the [shift] key as you click the images.

• Click in the background to deselect all the selected images.

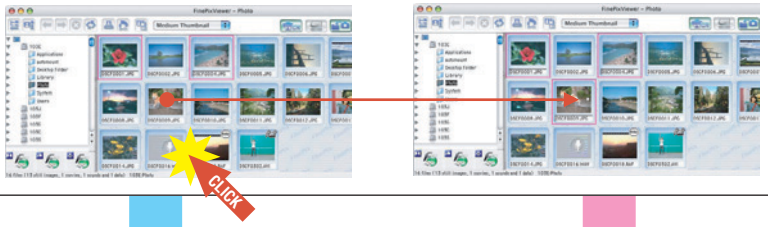
Operation examples



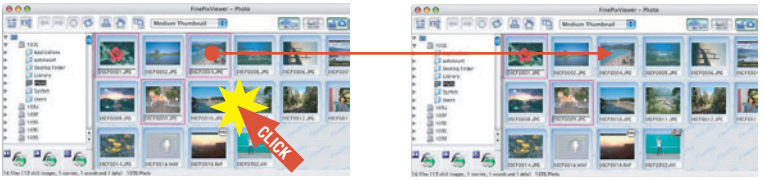
Before

After

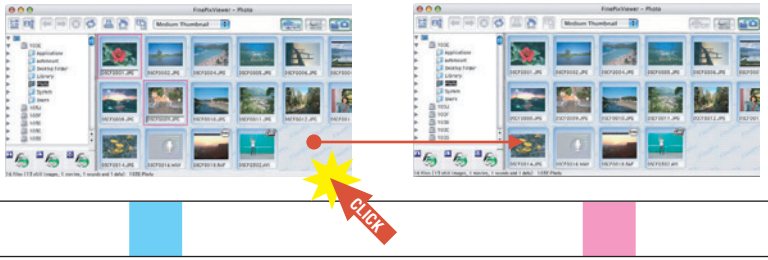
③ Click while holding down the [shift] key (to select another image).



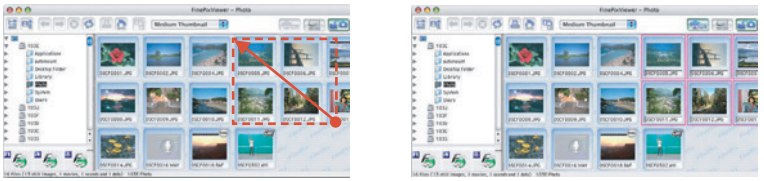
④ Click while holding down the [shift] key (to deselect just one image).



⑤ Click in the background (to deselect all the selected images).



⑥ Drag the mouse over the images (to select multiple images).



Viewing Slide Shows

Starting a Slide Show / Operations During a Slide Show / Slide Show Settings

You can use a slide show to check successive images in full-screen display mode.

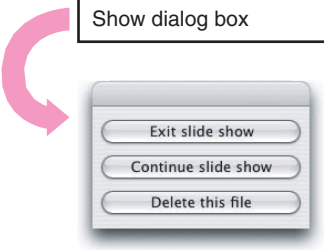
Starting a Slide Show

Click the [Slide Show] button to start the slide show.

Playback Method	Operation
Play back all the frames in a folder.	Start without selecting any thumbnails.
Begin playback from a specified frame.	Select just 1 thumbnail and then begin.
Play back only the selected frames.	Select 2 or more thumbnails and then begin.

Operations During a Slide Show

Playback Method	Operation
Frame advance	[→] key or space key.
Frame rewind	[←] key
End	[command] + [.] (period) key
Show dialog box	Mouse click or [return] key

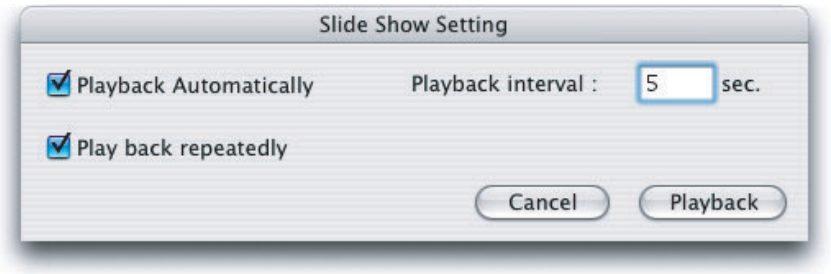


Exit slide show	Ends the slide show.
Continue slide show	Restarts the slide show from the current frame.
Delete this file	Deletes the file being played back.

Slide Show Settings

Click “Slide Show” in the “File” menu.

Playback Automatically	☑ Changes frames at the specified interval.
	☐ Frames are not changed automatically.
Playback interval	Sets the interval at which frames are changed. This setting is valid when the “Playback Automatically” checkbox is ticked.
Playback repeatedly	☑ Restarts playback from the first frame once the last frame is reached.
	☐ All the frames are played back just once.
Playback	Ends the slide show settings.
Cancel	Returns the setting to their original values.



Printing

Print / Index Print

Print

① **Double-click a still-image thumbnail to open an image window.**

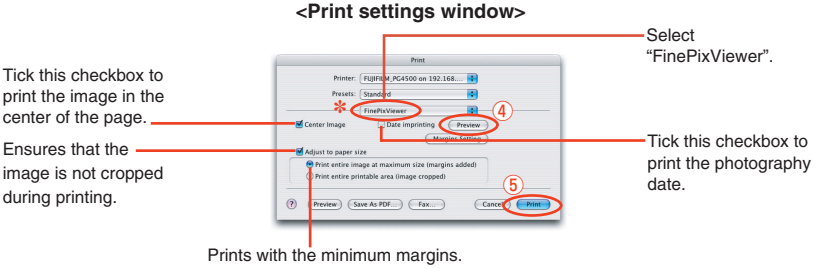
② **Click the [Print] button.**

③ **Tick the checkboxes for the required print option settings.**

④ **Click the [Preview] button to check how the image will be printed. When you are happy with the image, click the Close button.**

⑤ **Click the [Print] button to print the image.**

<Print settings window>



✻ To set details such as the paper size and printing orientation, select "Page Setup" in the "File" menu. For more information, refer to your printer's operation manual.

Index Print

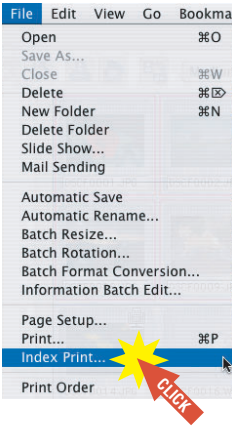
Index prints allow you to print multiple frames on a single print.

Related Topics

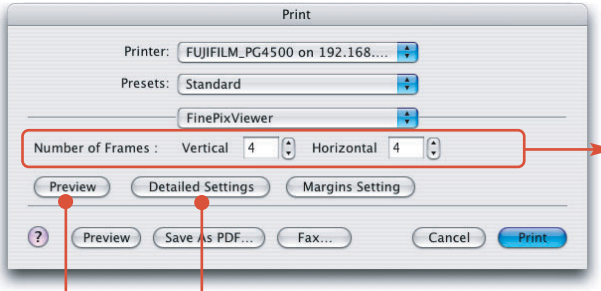
- Using the Thumbnail Display Area
- Information Batch Edit

① In the thumbnail display area, select the images to be included in the index.

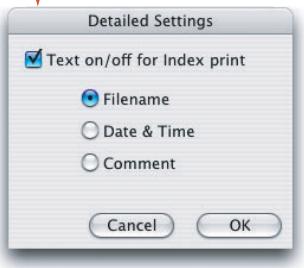
② Select “Index Print” in the “File” menu.



③ **When you have finished the settings, click the [OK] button. See "Information Batch Edit" for information on the comment in the Detailed Settings.**

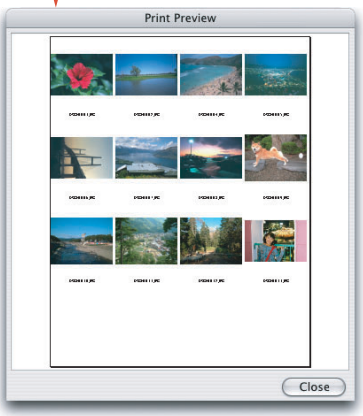


Specifies the number of frames on each print. In this example, 4 × 4 (=16 frames) is specified.



You can imprint information below the images.

See "Information Batch Edit" for information on comments.



You can check the information before printing.

Ordering Prints

Opening and Working with Windows / Sample Print Order Procedure

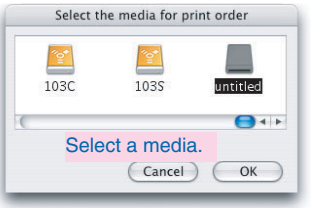
NOTE

When using PTP-compatible cameras, set DPOF settings with the cameras.

Opening and Working with Windows

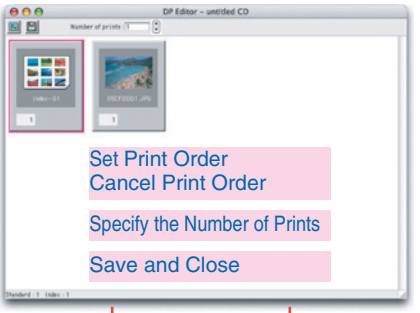
Opening Windows
Working With Windows

Click the [Print Order] button.



Select a media and click the [OK] button.

Print Order Window



Click “New Index” in the “Order” menu to open a new index window.

Double-click a thumbnail to open an image window.

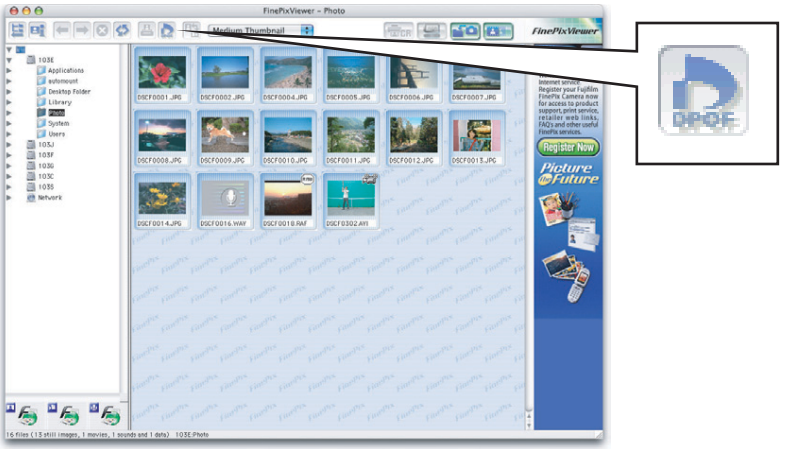
Index Window

Image window

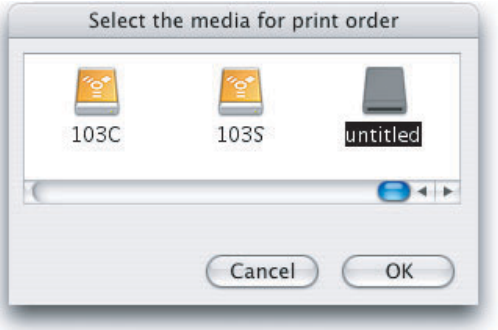
Sample Print Order Procedure

Load the media you intend to give to the store into your computer. Once you have loaded the media, try the actual procedure below.

① Click the [Print Order] button.



② Select the media to be given to the store.

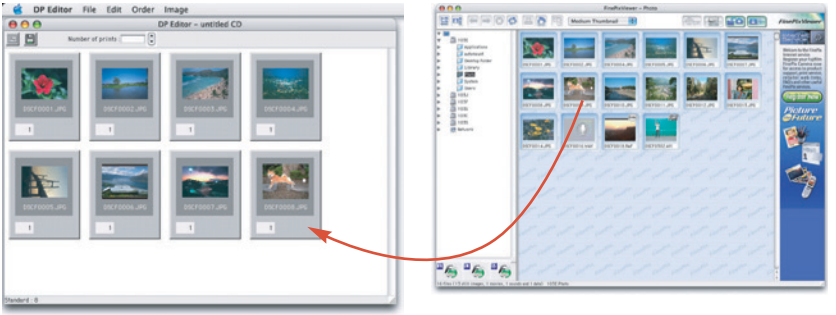


Set Print Order

③ **You can drag the thumbnails for the still images you want to print from FinePixViewer and drop them in the print order window.**

Print Order Window

FinePixViewer

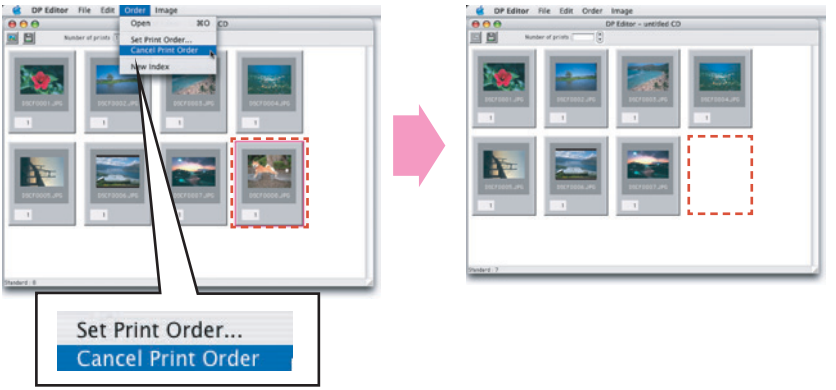


Files You Can Register

File format	Exif-JPEG, Exif-TIFF, JPEG
Image size	640 pixels (width) or more by 480 pixels (height) or more

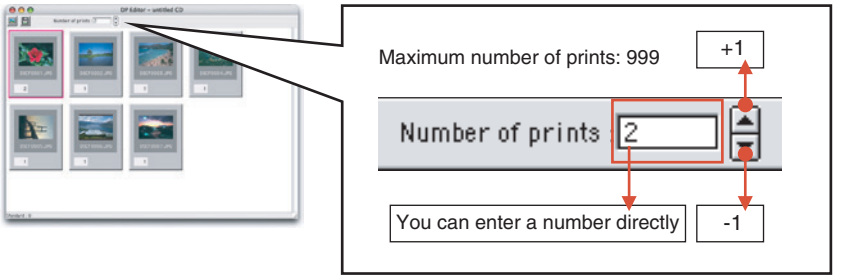
Cancel Print Order

④ **Select the thumbnail and click “Cancel Print Order” in the “Order” menu.**



Specify the Number of Prints

⑤ Select a thumbnail and change the “Number of prints” setting.



Specify the Trimming Settings

⑥ Double-click the thumbnail to open the image window.

Print Order Window

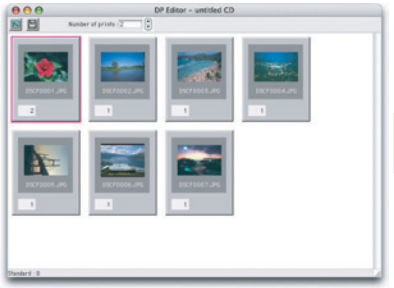
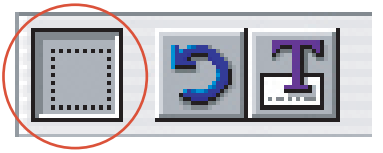
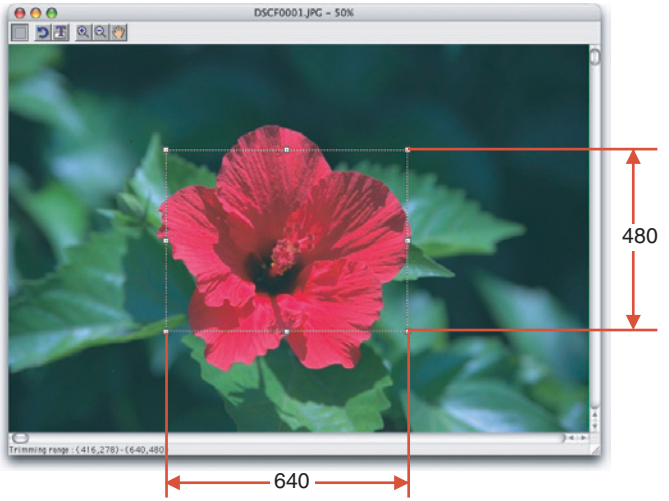


Image Window

⑦ Click the [Marquee Tool] button.



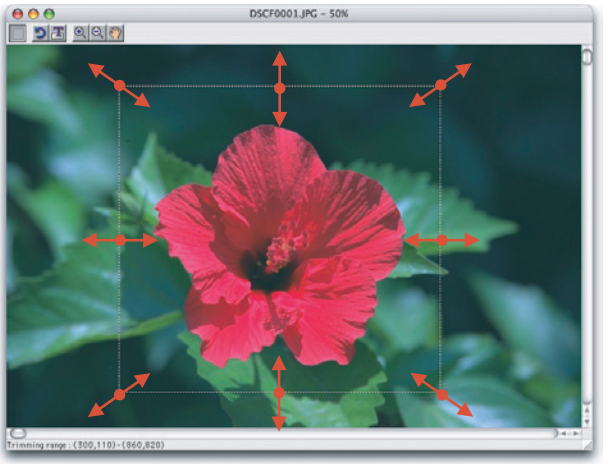
⑧ **Begin by dragging the mouse slightly. This creates a frame at the minimum size (640 × 480 pixels). The image cannot be trimmed any smaller than this frame.**



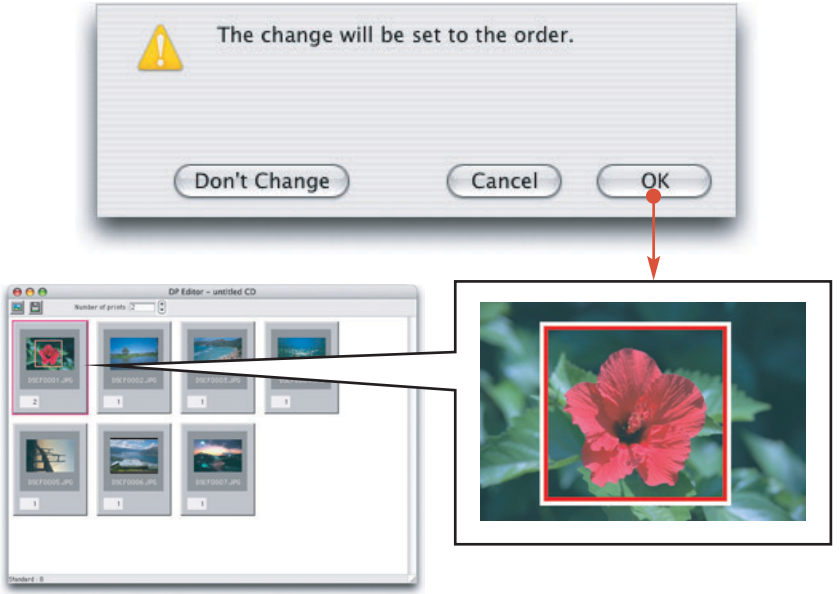
⑨ **Adjust the size and position of the frame. When you have completed the settings, close the image window.**

Aim	Operation
Change the size.	Click and drag the handles.
Change the position.	Click inside the frame and drag the image.
Remove the frame.	Click outside the frame.

Image Window



⑩ **Click the [OK] button in the Warning dialog box. A frame appears around the thumbnail and are able to be checked the trimming settings.**



Specify the Rotation Settings

⑪ **Double-click the thumbnail to open the image window.**

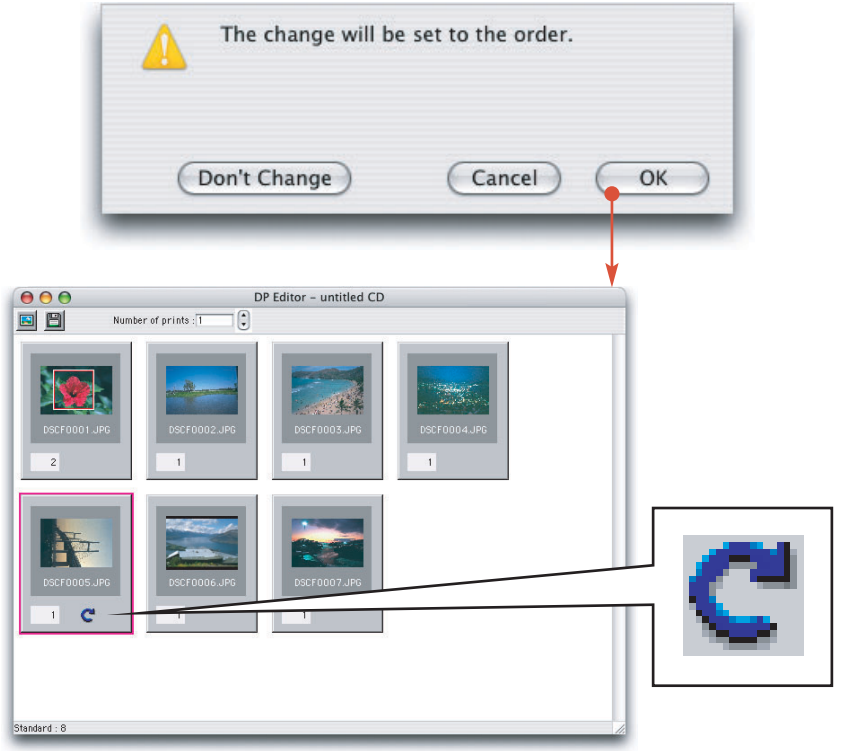
Print Order Window

Image Window

⑫ **Click the [Rotation Setting] button and select the "Rotation Angle". When you have completed the settings, click the [OK] button to close the image window.**

✻The image is rotated during printing. You cannot check the rotation on screen. If the proportions (height and width) of the print paper differ from those of the image data, part of the image may be cropped or white margins may appear on the print.

⑬ **Click the [OK] button in the Warning dialog box. An icon appears on the thumbnail to confirm that rotation has been specified for the image.**



Specify the Description

⑭ Double-click a thumbnail to open an image window.

Print Order Window

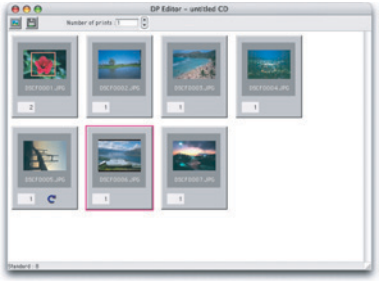
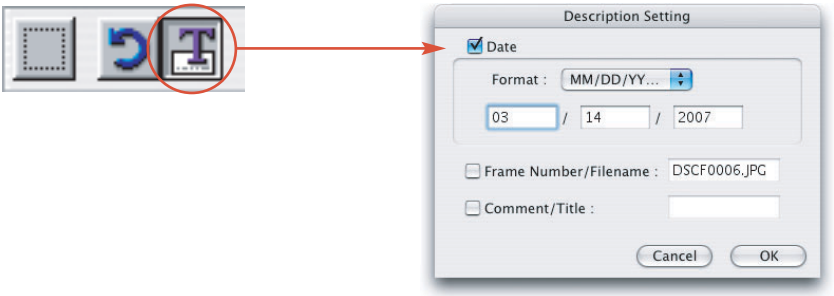


Image Window

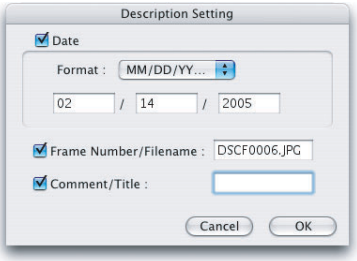
⑮ Click the [Description Setting] button and specify the description settings. Put a tick in the “Date” checkbox and select “MM/DD/YYYY” in “Format”.



Date	☐	The date is not printed.
	☑	The date is printed in the specified format.

Format	Example with a photography date of March 14, 2007
YYYY.MM.DD	2007.03.14
MM/DD/YYYY	03/14/2007
DD.MM.YYYY	14.03.2007

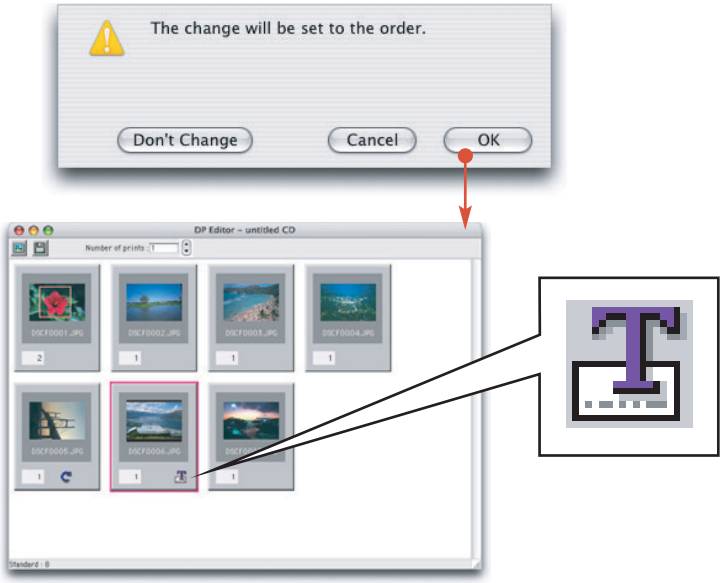
⑯ **Put a tick in the “Frame Number/Filename” and “Comment/Title” checkboxes and enter a title (e.g. lakeside). When you have completed the settings, click the [OK] button to close the image window.**



Frame Number / Filename	☐ Not printed.
	☑ The frame number or filename is printed. You can enter up to 12 characters.

Comment / Title	☐ Not printed
	☑ The comment or title is printed. You can enter up to 12 characters.

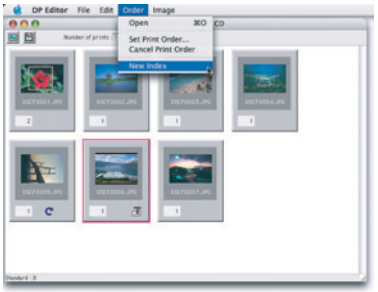
⑰ **Click the [OK] button in the Warning dialog box. An icon appears on the thumbnail to confirm that description settings have been specified for the image.**



Specify Index Printing

⑱ **In the Print Order window, select “New Index” in the “Order” menu.**

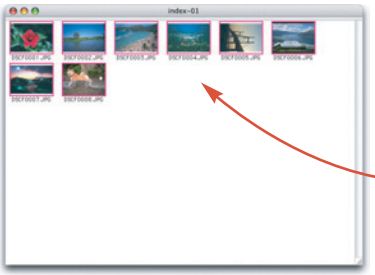
Print Order Window



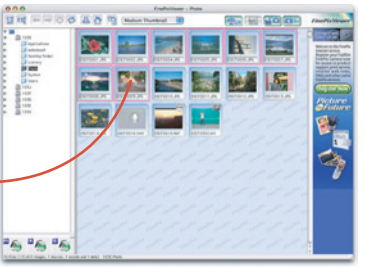
Index Window

⑲ **Register the still images to be included in the index print. Drag the still image thumbnails from FinePixViewer and drop them in the index window. When you have finished registering images, close the Index window.**

Index Window



FinePIx Viewer



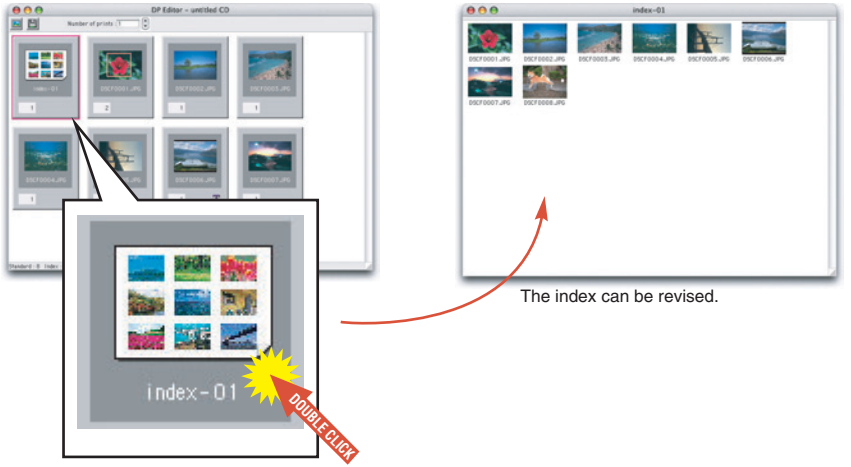
Files You Can Register

File format	Exif-JPEG, Exif-TIFF, JPEG
Image size	640 pixels (width) or more by 480 pixels (height) or more

⑳ **The thumbnail images are displayed so that you can check the index settings.**

Print Order Window

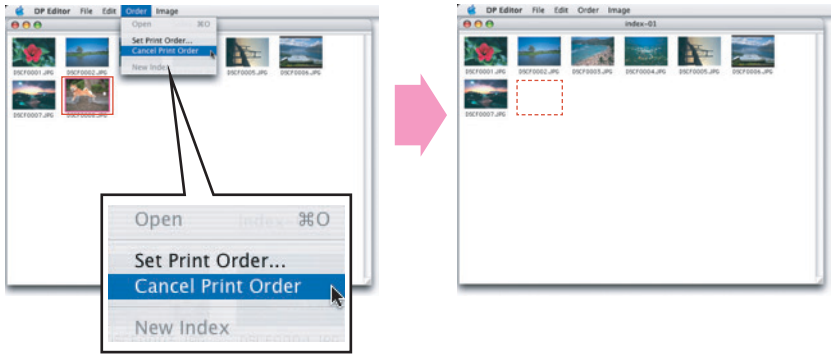
Index Window



Cancel Index Print Settings

㉑ **Use this procedure to cancel a print specification. Select the thumbnail and click “Cancel Print Order” in the “Order” menu.**

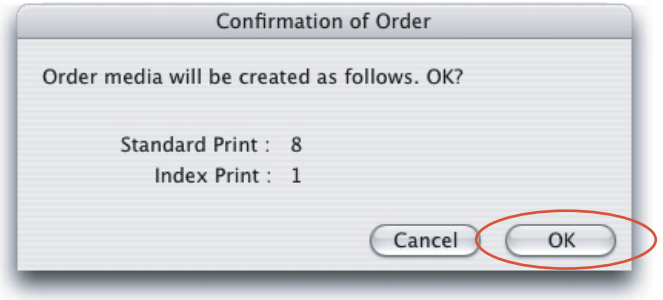
Index Window



Save and Close

㉒ **Click the [Save] button.**

㉓ **Check the order details and then click the [OK] button.**



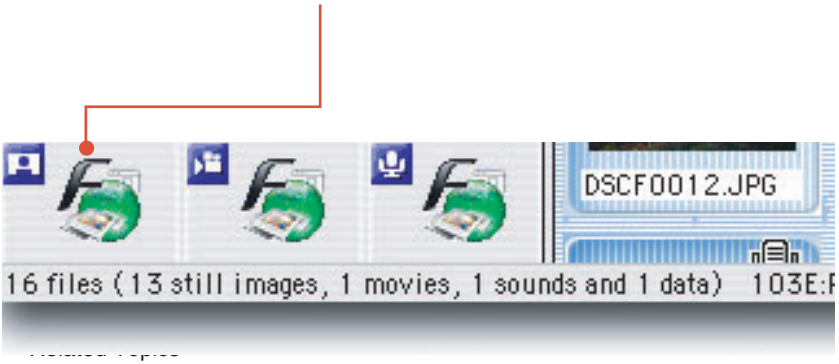
㉔ **Eject the media using the correct procedure.**

Using the Image Window

Opening the Image Window / Working With Still Images (Save As, Print, Marquee Tool, Crop, Type Tool, Image Size, Rotate Left / Rotate Right) / Playing Back Movies and Sound / Saving a Movie as Still Images

Double-clicking a still image thumbnail opens an image window. The default image viewer is FinePixViewer, but you can use a different application to display images.

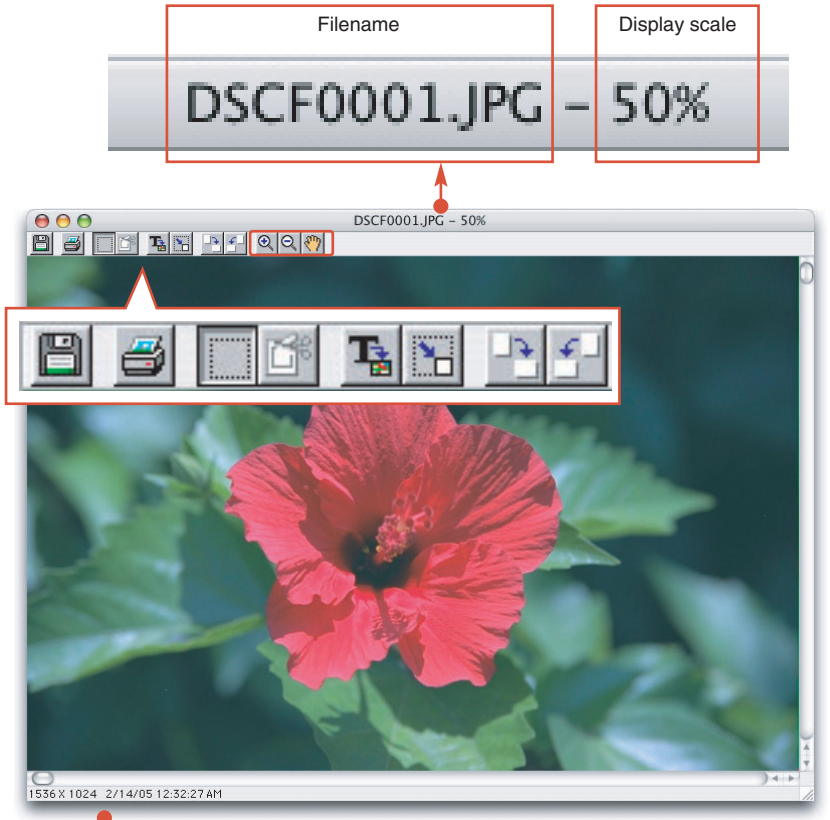
This description assumes that you are using the default application FinePixViewer.



- Using the Thumbnail Display Area
- Using the Picture Playback Application Registration Area

Opening the Image Window

When you double-click a still image thumbnail, an image window similar to the one shown below appears.



Information about the displayed still image is shown along the bottom of the window. The information shown varies depending on the file format.

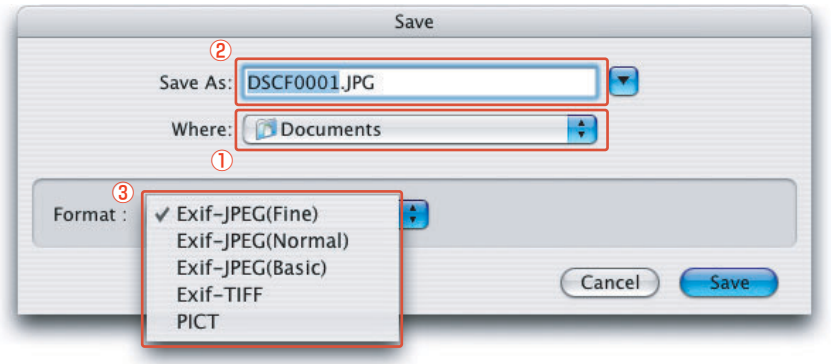
	Increases the display scale.
	Decreases the display scale.
	Scrolls the window. Click and hold a point in the image and drag it around

Working With Still Images

Save As

Open an image window first, then start necessary operation.

Specify the save location ①, the filename (Save as) ② and the file type (Format) ③. Then click the [Save] button.



Still Image File Type	Features/Typical Uses	Quality
Exif-JPEG	Smaller file sizes / On the Internet	Deteriorates when the image is saved.
Exif-TIFF	Saved with its Exif data / To retain image quality and information	Does not deteriorate when the image is saved.
PICT	Standard Macintosh image file format / For viewing on other Macintoshes	

If you repeatedly save an image in the Exif-JPEG format the image quality deteriorates. We recommend that you save the original file using the following procedure:

- First make a copy of the original file.
- Save the file under a different name or in a different location.
- Save the file in a format that does not lower the image quality (Exif-TIFF or PICT).

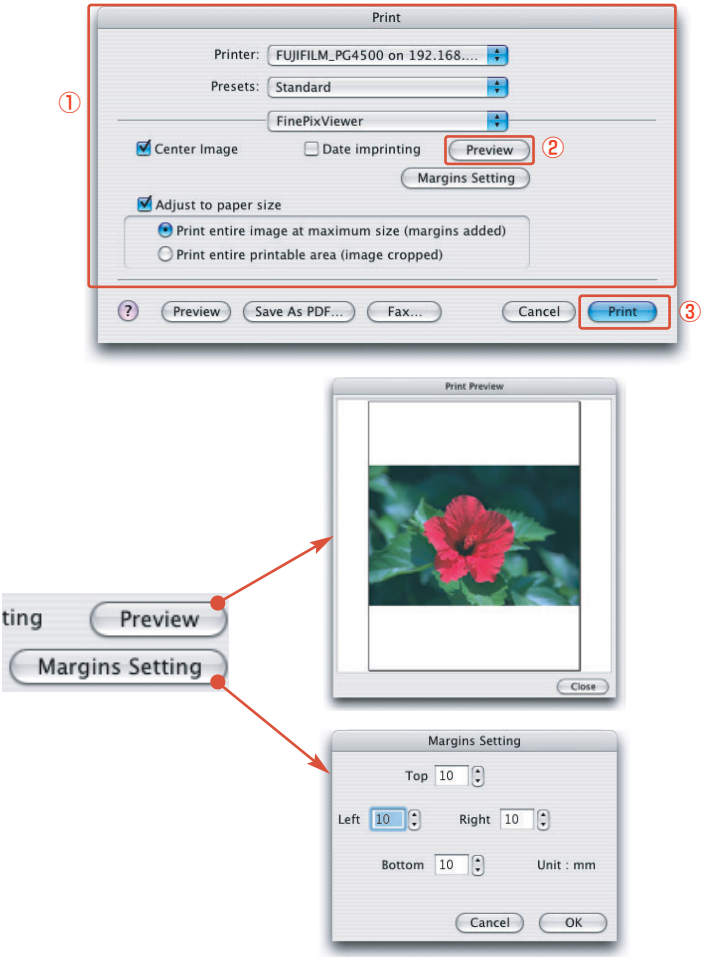
Print

Prints the displayed image.
Open an image window first, then start necessary operation.

① **Specify the print options.**

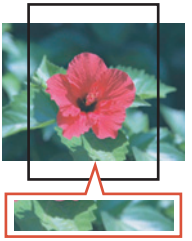
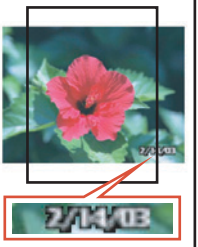
② **Use the [Preview] to check how the image will look when printed.**

③ **Click the [Print] button.**



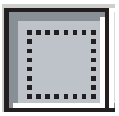
Sample Settings

“Center Image” / “Date Imprinting” setting

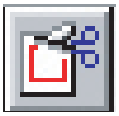
Center Image Setting		Date Imprinting Setting	
Center Image	Center Image	Date imprinting	Date imprinting
			

“Adjust to paper size” setting

Setting	Print Preview
Adjust to paper size Print entire image at maximum size (margins added) Print entire printable area (image cropped)	
Adjust to paper size Print entire image at maximum size (margins added) Print entire printable area (image cropped)	
Adjust to paper size Print entire image at maximum size (margins added) Print entire printable area (image cropped)	



Marquee Tool: Specifies an area to be cropped.
This tool can also be used to specify an area to be copied. (This allows you to paste part of an image into another document.)

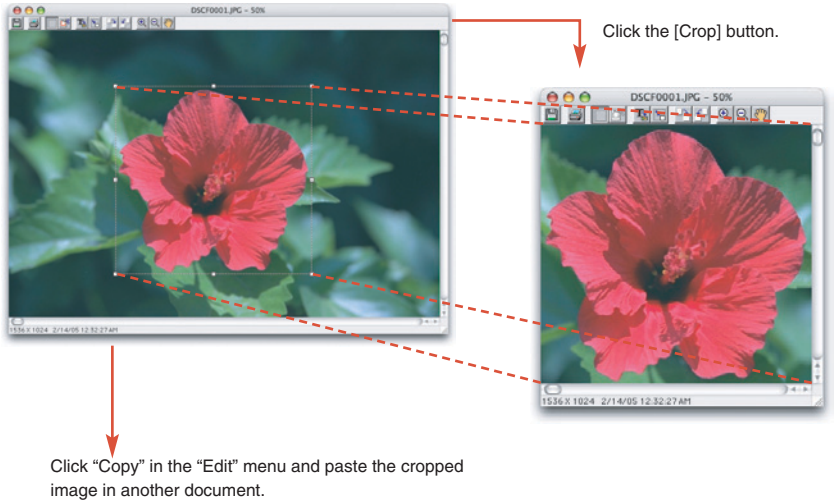


Crop: Cuts out the specified area.

Open an image window first, then start necessary operation.

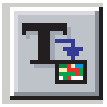
① **Use the Marquee Tool to specify desired area.**

② **Click the [Crop] button to crop or select “Copy” from “Edit” menu for paste.**



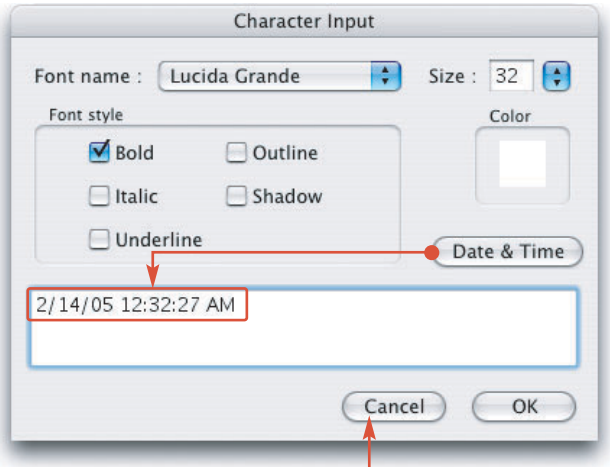
- Move the selected area around by clicking and dragging a point inside the selected area.
- Cancel the last operation performed by clicking “Undo” in the “Edit” menu. This is useful when you crop an image incorrectly.

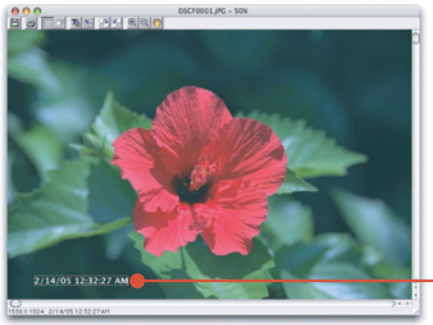
Once an edited image is saved, the original image cannot be recovered.
To avoid this, use the “Save As” command to ensure that the original file remains untouched.



Type Tool

Allows you to superimpose text onto your images.
Open an image window first, then start necessary operation.





Double-click inside the selected area to edit the text again.

- Move the superimposed text around by clicking a point inside the selected area and dragging it around.
- Cancel the last operation performed by clicking “Undo” in the “Edit” menu. This is useful when the selected area is accidentally deleted.

Once an edited image is saved, the original image cannot be recovered.
To avoid this, use the “Save As” command to ensure that the original file remains untouched.

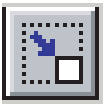
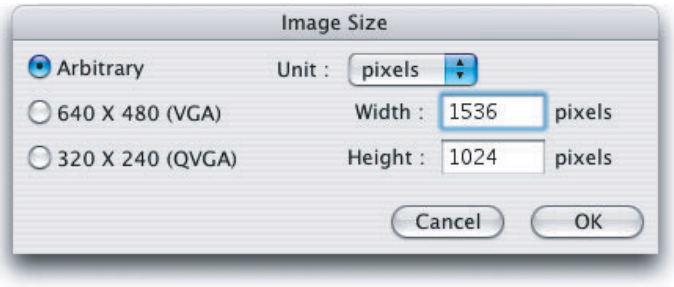


Image Size

Allows you to change the size of your image.
Open an image window first, then start necessary operation.

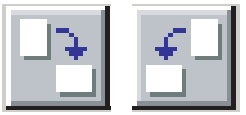


Linked so as to maintain the aspect ratio.

Image Size	Unit	Width	Height
Arbitrary	%	% specification	% specification
	Pixels	160 ~ 6144	120 ~ 6144
640 × 480 (VGA)	Pixels	640	480
320 × 240 (QVGA)		320	240

- You can cancel the last operation performed by clicking “Undo” in the “Edit” menu. This is useful when you change the size of the image incorrectly.

Once an edited image is saved, the original image cannot be recovered.
To avoid this, use the “Save As” command to ensure that the original file remains untouched.



Rotate Left / Rotate Right

Rotate the image.

Open an image window first, then start necessary operation.

- Cancel the last operation performed by clicking “Undo” in the “Edit” menu. This is useful when the image is mistakenly rotated.

Once an edited image is saved, the original image cannot be recovered.

To avoid this, use the “Save As” command to ensure that the original file remains untouched.

Playing Back Movies and Sound

① **Double-click the thumbnail to open the file.**

✻The file names of still images with sound are shown in color.

Movie

Sound

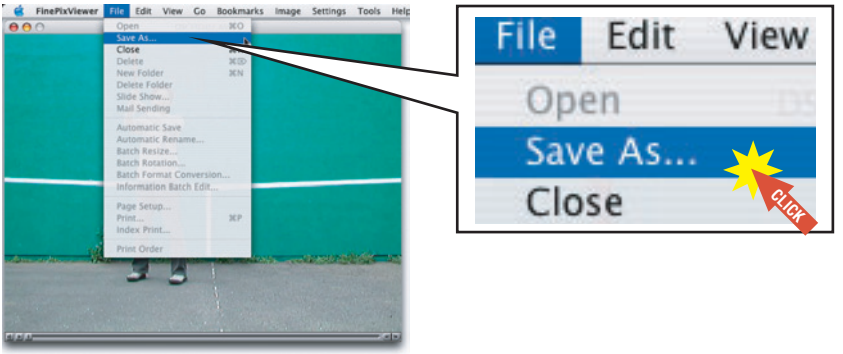
Still image with sound

② **Use the playback bar below the window to play back the movie or sound.**

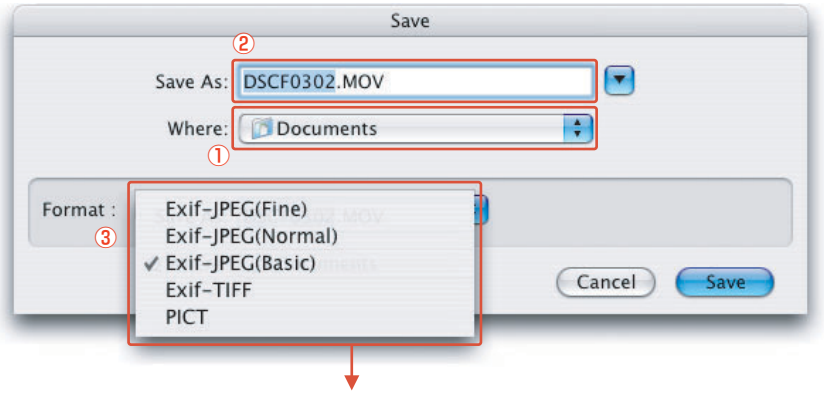
	Volume control	Adjusts the volume.
	Playback / Pause button	Starts or pauses playback.
	Playback progress button	Shows the playback progress. Play back any part of the file by dragging this button to the desired position.
	Frame advance button	Plays back one frame at a time.

Saving a Movie as Still Images

Click “Save As” in the “File” menu.



Specify the save location ①, the filename (Save as) ② and the file type (Format) ③, and then click the [Save] button.



See “File Types”.

File Types

File Types		Features
Still Image	Exif-JPEG	Saves the currently displayed frame as a still image.
	Exif-TIFF	
	PICT	

Using the Picture Playback Application Registration Area

Registering an Application / Switching between Applications

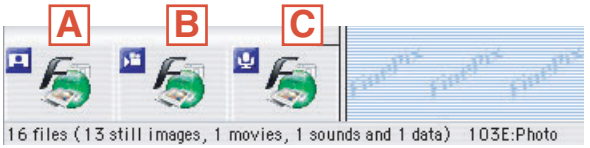
Double-clicking a thumbnail plays back the image file.

By default, the image is opened in FinePixViewer, but other applications can be used too.

Related Topics

- Using the Thumbnail Display Area

Registering an Application



A Still image (picture) playback application
B Movie playback application
C Sound playback application

Drag and drop the application you want to use (or the “alias”).
• You can register multiple applications.

Switching between Applications

• Hold down the [control] key as you click the mouse to view a list.
• Hold down the mouse button to view a list. Click the application you want to use.

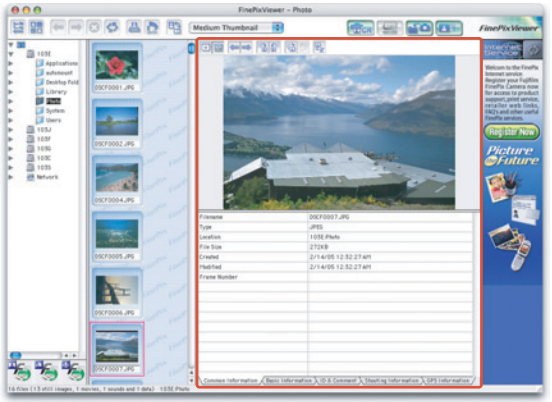
Using the Playback Pane

Displaying and Hiding the Playback Pane / Viewing Image Information

The playback pane shows a range of information about an image and a view of the image that is larger than the thumbnail. This pane is useful for checking and comparing information such as the photography conditions.

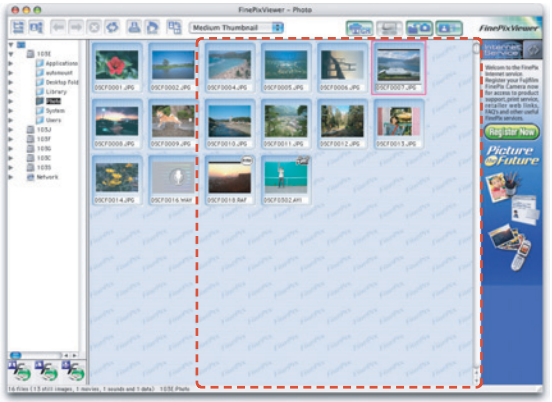
Displaying and Hiding the Playback Pane

Displayed



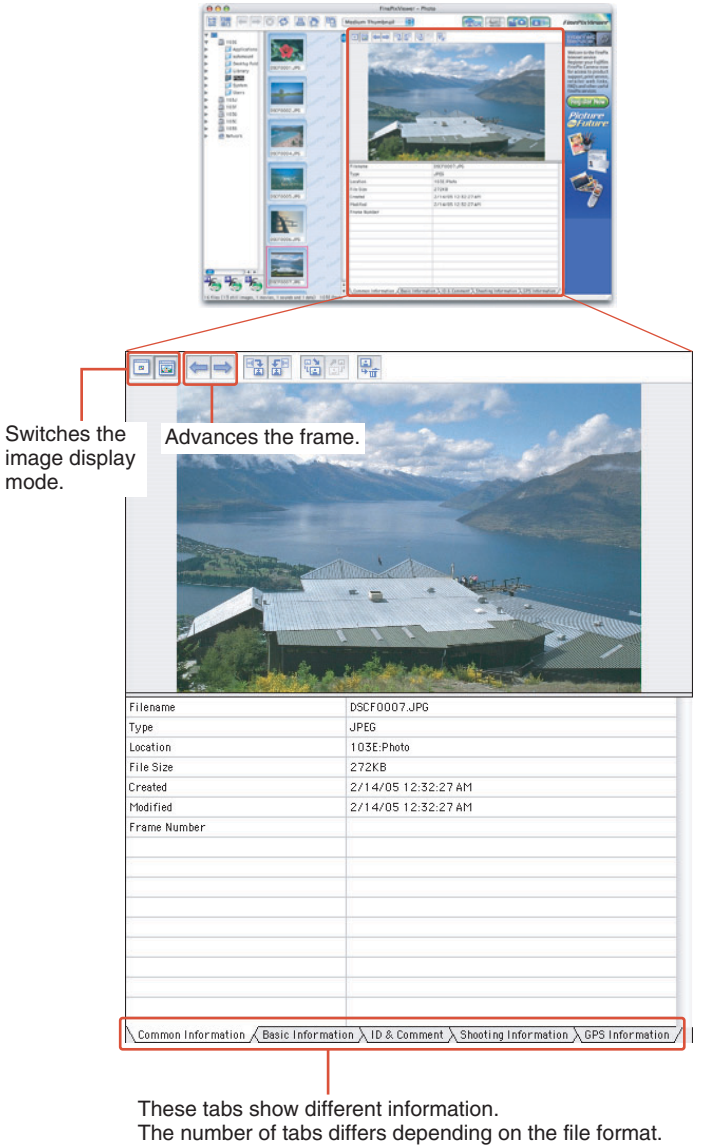
Click to hide the pane.

Hidden



Click to display the pane.

Viewing Image Information



Some of the information displayed here can be edited.
See “Information Batch Edit” for information on editing the information.

Batch Operations and Settings

Overview of Batch Operations / Settings for Format Conversion and Saving / Automatic Rename / Batch Resize / Batch Rotation / Batch Format Conversion / Information Batch Edit / Automatic Save Settings / Customizing Windows

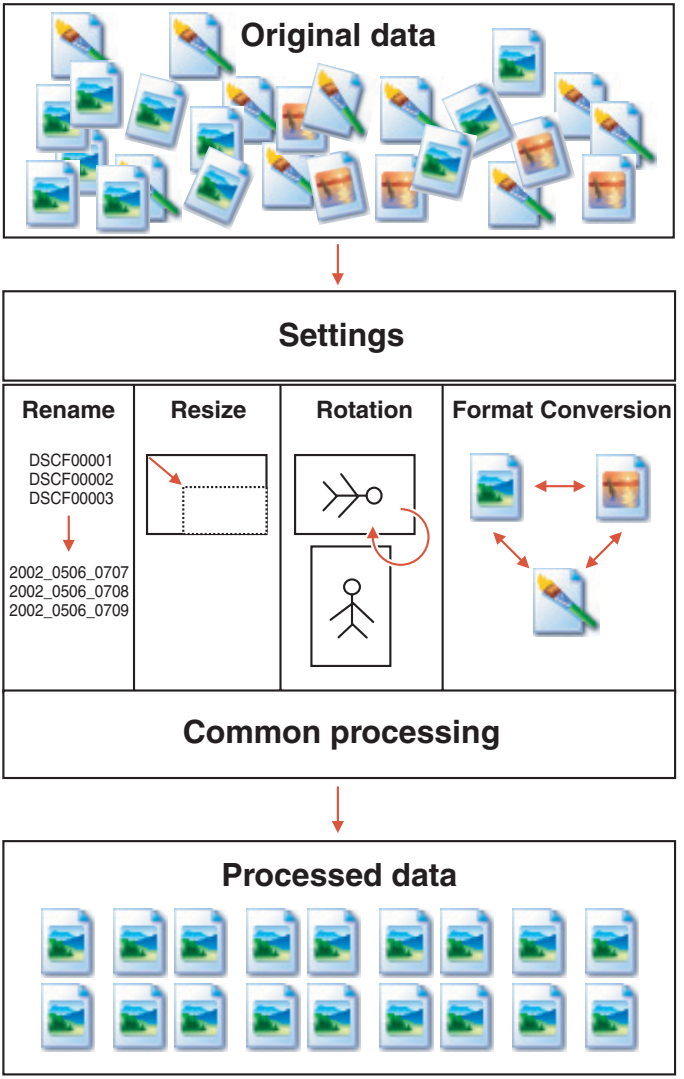
Select thumbnail or folder first, then starts necessary operation.

Overview of Batch Operations

The software operates as described below according to the settings. Batch operations are extremely convenient as they allow you to automatically process large numbers of files by setting up the software beforehand.

Name	Operation
Automatic Rename	Renames files.
Batch Resize	Resizes images (image dimensions).
Automatic Save	Copies data to a specified folder. The data can be renamed and resized at the same time.
Batch Rotation	Rotates images.
Batch Format Conversion	Changes file formats.

The illustrations below give a general overview of batch operations.



Related Topics

- Menus

Settings for Format Conversion and Saving

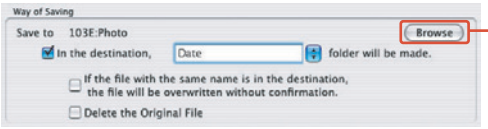
● “Format Conversion” settings

Put a tick in the checkbox to convert the files to another format and then select the file type.

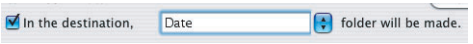
Still Image File Type	Features / Typical Uses	Quality
Exif-JPEG	Smaller file sizes / On the Internet	Deteriorates when the image is saved.
Exif-TIFF	Saved with its Exif data / To retain the original image quality and information	Does not deteriorate when the image is saved.
PICT	Standard Macintosh image file format / For viewing on other Macintoshes	

● “Way of Saving” Settings

Specify the save destination for the converted files.
Once you specify the destination and click the [OK] button, the file format is converted.
The same settings are used for subsequent file format conversions.



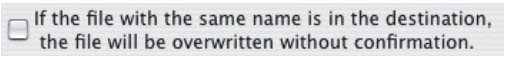
Click the [Browse] button to change the save destination.



If you tick this checkbox, a folder is created in which all the images are saved. If there is already a folder with that name, the images are saved in that folder.

Naming folders

Date	The file’s date is used as the folder name.
The Same Name	The name of the folder containing the original file is used as the folder name.
Arbitrary	Enter the name yourself.

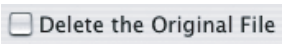


If you tick this checkbox and there is already a file with the same name, that file is overwritten without any warning being displayed.
You are advised to leave this checkbox blank unless you have a particular reason.

Available options in the overwrite warning dialog box

Overwrite	Deletes the file in the save destination and saves the data as a new file.
Cancel	Cancels batch processing.
Skip	Leaves the file in the save destination and proceeds to the next step.
Rename	Allows renaming the file.

Example where “Overwrite” applies only to file A and the other files are skipped.



If you tick this checkbox, all the original files are deleted. You are advised to leave this checkbox blank unless you have a reason.

Automatic Rename

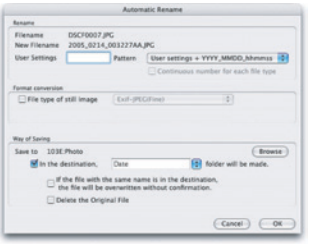
Related Topics

- Settings for Format Conversion and Saving

① **Click “Automatic Rename” in the “File” menu.**

② **Set the “User Settings” and the “Pattern” (refer to the modification example).**
Up to 7 characters can be entered in the “User definition” field.

③ **Specify the “Format Conversion” and “Way of Saving” settings and then click the [OK] button.**



✻The “BLOG” in the head of the file name is not changed when renaming blog mode images.

Batch Resize

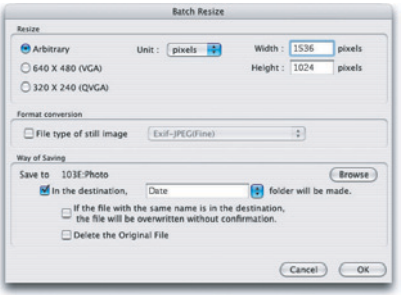
Related Topics

- Image Size
- Settings for Format Conversion and Saving

① **Click “Batch Resize” in the “File” menu.**

② **Set the image size.**

③ **Specify the “Format Conversion” and “Way of Saving” settings and then click the [OK] button.**



Batch Rotation

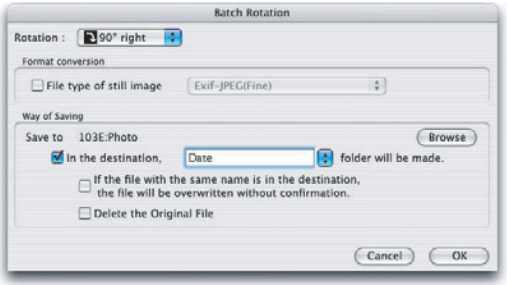
Related Topics

- Settings for Format Conversion and Saving

① **Click “Batch Rotation” in the “File” menu.**

② **Set the rotation angle.**

③ **Specify the “Format Conversion” and “Way of Saving” settings and then click the [OK] button.**



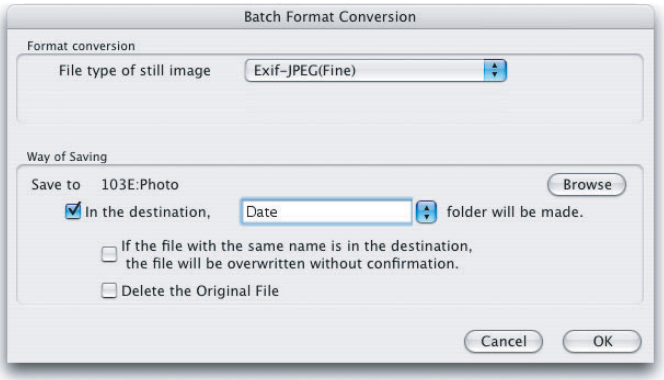
Batch Format Conversion

Related Topics

- Settings for Format Conversion and Saving

① **Click “Batch Format Conversion” in the “File” menu.**

② **Specify the “Format Conversion” and “Way of Saving” settings and then click the [OK] button.**



Information Batch Edit

Related Topics

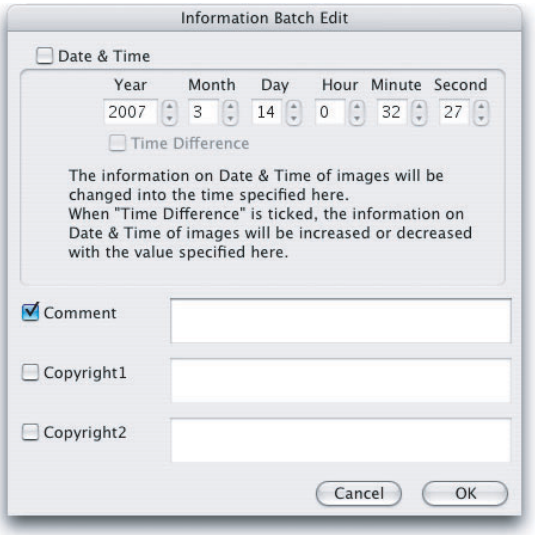
- Using the Thumbnail Display Area
- Using the Playback Pane

Use this procedure to edit some of the Exif information included with Exif-JPEG and Exif-TIFF.

① **Click “Information Batch Edit” in the “File” menu.**

② **Put a tick in the checkboxes for the items you want to edit and then edit those items.**

③ **Click the [OK] button.**



Automatic Save Settings

Use this procedure to change the settings used when images from the camera are automatically saved to your computer.

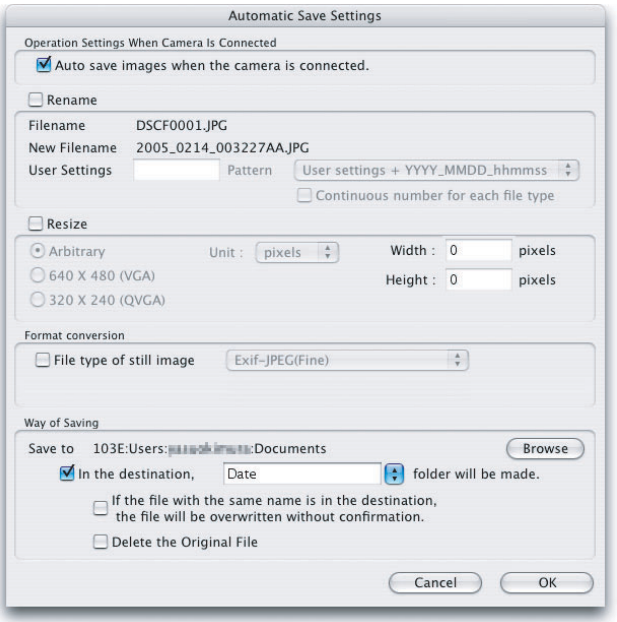
Related Topics

- Automatic Rename
- Batch Resize
- Settings for Format Conversion and Saving

① Click “Automatic Save Settings” in the “Settings” menu.

② Specify the “Rename” and “Resize” settings.

③ Specify the “Format conversion” and “Way of Saving” settings and then click the [OK] button.



✻The “BLOG” in the head of the file name is not changed when renaming blog mode images.

NOTE

(When the “Rename” checkbox is ticked)

When you are automatically saving 100 or more images, choose from the following 3 “Pattern”. You must select one of these options to have images saved automatically.

“User settings + YYYY_MMDD_hhmmss”

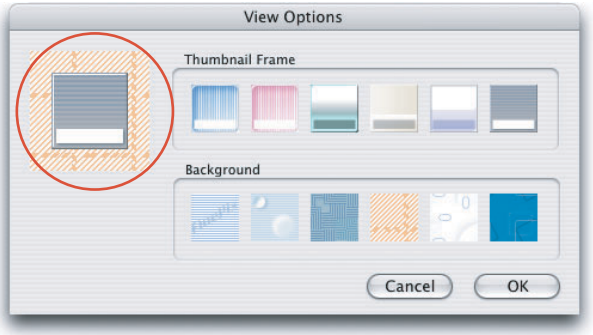
“User settings + YYYY_MMDD”

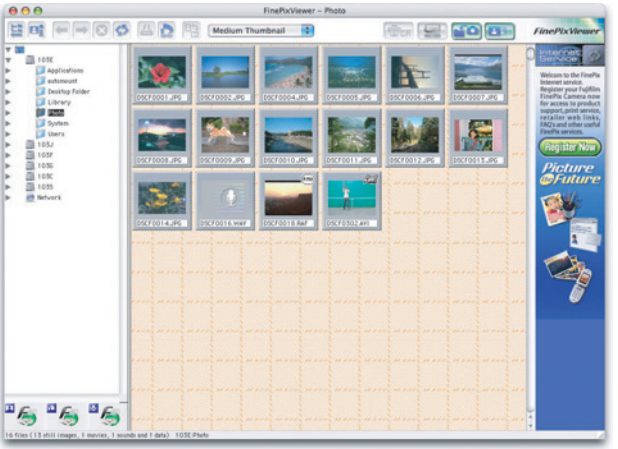
“User settings + hhmmss”

Customizing Windows

① **Click “View Options” in the “View” menu.**

② **Select your preferred “Thumbnail Frame” and “Background” and then click the [OK] button.**





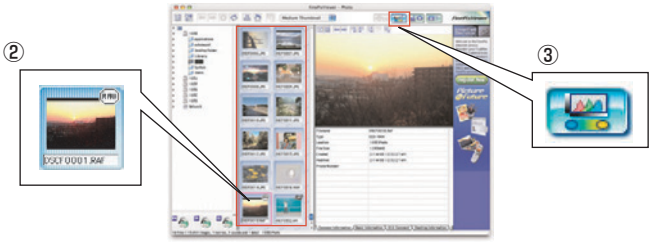
Launching the CCD-RAW Data Conversion Function

A CCD-RAW file shot on a digital camera is the file that records the image data captured by the digital camera in the condition before signal processing has been performed. To view CCD-RAW files and convert them to file formats such as TIFF and Exif-JPEG, launch the CCD-RAW Data Conversion Function using the procedure below.

① **Copy the CCD-RAW files to your hard disk.**

② **Select the CCD-RAW files to be converted in FinePixViewer.**

CCD-RAW files are indicated by the "RAW" icon.



③ **Click the [Converting CCD-RAW files] button with the mouse.**

④ **The CCD-RAW Data Conversion Function starts up.**

✻ For more information on using the CCD-RAW Data Conversion Function, refer to the CCD-RAW Data Conversion Function help.

Using FinePixViewer to Attach Images to E-Mail

Supported E-mail Software / Check the following: / Attaching Images / Setting the File Size for Attached Images

FinePixViewer provides a simple procedure for attaching images to an e-mail message.

■Supported E-Mail Software

The e-mail software programs listed below can only be used if they are selected as your default e-mail software.

Mail

NOTE

Contact your ISP (Internet Service Provider) for information on setting up your e-mail software.

■Check the Following:

Check that your e-mail software is registered correctly.
Open “Mail” and select “Mail” > “Preferences”.
Click the “General” icon and select “Mail” from the “Default E-mail Software”.

Attaching Images

① **Open the folder in which FinePixViewer was installed and double-click the “FinePixViewer” icon to launch the program.**

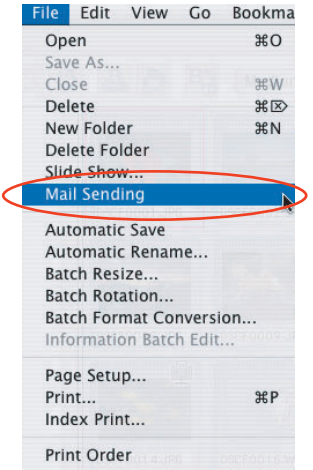
② **Click the folder containing the images you want to attach.**

③ **Click the thumbnails for the images to select them.**

* Up to 10 images can be sent with one e-mail message.

④ **With the images selected, click “Mail Sending” in the “File” menu.**

* You can send a total of up to 1 MB of image data at one time.
  If the total exceeds 1 MB, a warning message appears when you click “Mail Sending”. If this occurs, reduce the number or size of the images until the message no longer appears.



⑤ **Mail transmission window opens and the images are automatically attached to your e-mail message. Type in the address, title and your message and then send the message in the usual way.**

NOTE

Do not exit FinePixViewer until mail transmission is complete, as this will prevent the e-mail with the images attached from being sent.

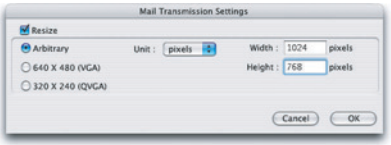
■Setting the File Size for Attached Images

When FinePixViewer attaches an image file to an e-mail message, it adjusts the size of the image file in accordance with the “Mail Transmission Settings”.

✻ When an image is resized, the original image is not affected.

① **Click “Mail Transmission Settings” in the “Settings” menu.**

② **Place a tick in the “Resize” checkbox and specify the number of pixels (height and width) for resized images.**



TIP

If you do not want to resize the image, deselect the “Resize” checkbox.

Using the FinePix Internet Service

Using FinePixViewer also allows you to access the FinePix Internet Service via the Internet.

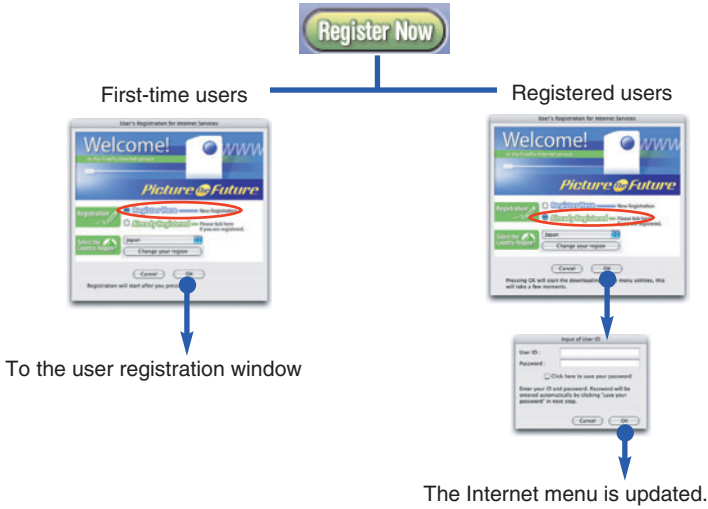
* A working Internet connection is required.
* A FinePix Internet Service fees do not include your Internet service provider (ISP) connection fees or any phone charges incurred in dialing your ISP's access point.

The figure below gives a general overview of the procedure.

① User Registration

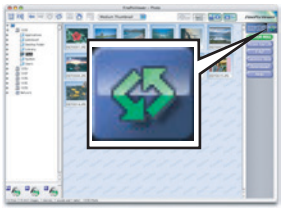
NOTE

Your user ID and password are very important. Make sure you do not forget them.



② Using the Service

Access the services via the Internet menu. You can also use the "Obtaining the Latest Version of FinePixViewer".



Obtain the latest service information.

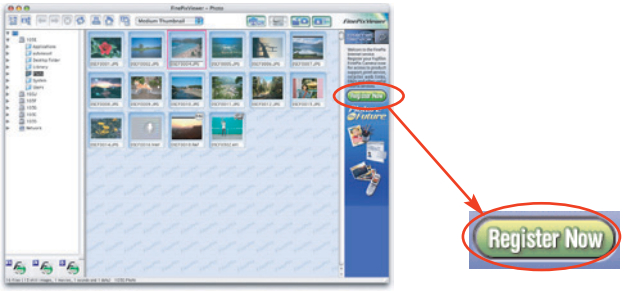
■User Registration

To use the FinePix Internet services, users must first register.

✻ Users can be registered for free.

① **Launch FinePixViewer.**

② **Click the [Register Now] button.**



③ **The “User’s Registration for Internet Services” dialog box opens. As shown below, select “Register Here”, then select the country or region where you are living and click the [OK] button.**

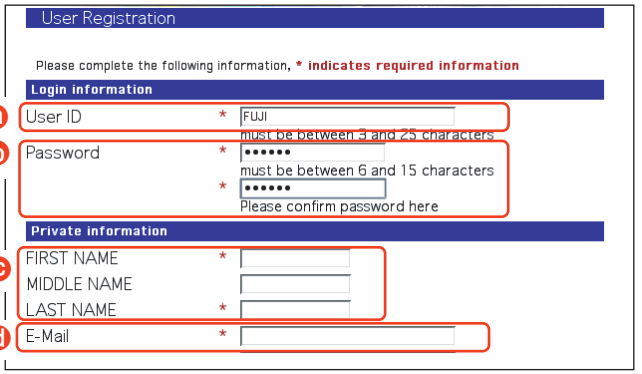
☞ If you are not already connected to the Internet, connect now.
(A dial-up dialog box may be displayed.)

✻ If you have completed the user registration, select “Already Registered” (E.g. When you want to re-install FinePixViewer after completing user registration).

✻ If the country or area where you are living does not appear in the pull-down list, select “OTHERS”.

④ **When the browser starts up, proceed as directed by the on-screen instructions.**

⑤ **Enter the required information in the user registration page.**



ⓐ Enter a familiar name (such as your nickname) between 3 and 25 characters long as your user ID.

ⓑ Enter a password of your choice using letters and/or numbers.
Then enter the password again for confirmation.

ⓒ Enter your name.

ⓓ Enter your e-mail address.

Enter the remaining required information.

✻ After you register, a confirmation e-mail message is sent to you. Be sure to enter a valid e-mail address at which you can receive the message.

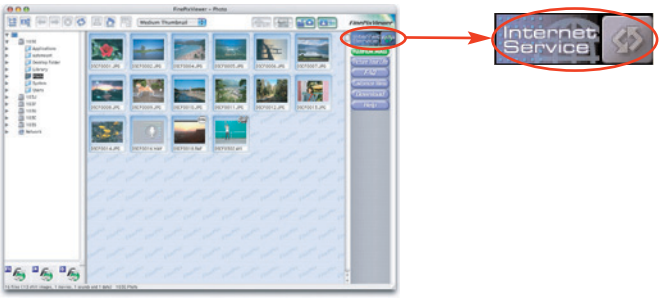
✻ The actual user registration page may differ slightly in appearance from the sample shown here.

⑥ **When you have entered all the required information, click the [Registration] button at the bottom of the page.**

Once you complete the registration, a confirmation e-mail is sent. Wait a few moments until the message is sent.

Using the Service

① Click the [Update menu] button in FinePixViewer.



② The “Input of User ID” dialog box appears. Enter the user ID and password set during user registration and then click the [OK] button to update the Internet menu.

☞ If you are not already connected to the Internet, the software automatically attempts to connect (for dial-up connections).

TIP

- If you tick the “Click here to save your password” checkbox, you will not need to enter your password next time.You may need your user ID and password. Make sure you do not forget them.
- As well as the Internet menu being updated, related information pages may also be opened. Because these pages may contain good news or useful information, you should update the Internet menu frequently.

③ Click the menu button for the service you want to use.

☞ If you are not already connected to the Internet, the software automatically attempts to connect (for dial-up connections).

☞ Operation after you click the menu button differs depending on the button you click. For instance, you may jump to your service provider’s web site or an upload dialog box may open.

✻ The actual Internet menu may differ slightly in appearance from the sample shown here.

TIP

Move the mouse cursor over an Internet menu button to view information about the service.

④ When you have finished using the Internet services, disconnect from the Internet (for dial-up connections).

NOTE

The connection speed will vary significantly depending on the quality of your phone line and the amount of traffic on the server to which you are connected.

To Delete the Software

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

Uninstalling FinePixViewer

Quit FinePixViewer and DP Editor. Then drag the installed FinePixViewer folder to the Trash and click “Empty Trash” from the “Special” menu.

Troubleshooting

If the software does not operate correctly check that you are using the correct hardware and software.

If the problem persists even though you are using the correct hardware and software, refer to the table below and then see the reference page listed for your problem.

A PTP-compatible camera is one that simplifies the connection procedure by automatically recognizing the computer or printer. When a PTP-compatible camera is connected to a PC, no camera icon or removable disk icon appears.

A PTP-incompatible camera (camera with a DSC function) is a camera that appears as a camera icon or removable disk icon when it is connected to a PC.

Problem with	Problem
Connection • Image Viewing	When I connected the USB cable, Mac OS displayed the “Initialize disk?” message.
	The camera and Macintosh are connected but no removable disk icon is displayed.
	A warning message appears when I disconnect the USB cable from the camera.
Internet	I can’t log in to the “FinePix Internet Service”.
	I can’t sign on as a “FinePix Internet Service” user.
	I can’t update the Internet menu properly. (The buttons do not line up correctly.)
Other	My camera will no longer play back image files.
	I want to stop the FinePixViewer from launching automatically.

Troubleshooting Connection and Image Viewing Problems

● When I connected the USB cable, Mac OS displayed the “Initialize disk?” message.

Possible cause	Solution
Is the media formatted?	Disconnect the USB cable from the camera, insert the media into the camera and format the media. For more information , refer to the Owner’s Manual for your camera.

● **The camera and Macintosh are connected but no removable disk icon is displayed.**

Possible cause	Solution
Is the camera switched on?	Switch the camera on. For more information on “Viewing Images”, refer to the camera’s Owner’s Manual.
Is the media loaded in the camera?	Load a media into the camera. For more information, refer to the Owner’s Manual for your camera.
Is “DSC” selected as the USB setting on the camera?	Disconnect the camera briefly and change the USB setting to “ ⇋ ”. For more information on “Viewing Images”, refer to the camera’s Owner’s Manual.
Are you using a PTP-compatible camera?	When you use a PTP-compatible camera, the icon is not displayed.
Is the USB cable connected to the camera and to the computer?	Check that one end of the USB cable is connected to the camera and the other end is connected to the Macintosh.
Are you using a compatible operating system?	Use Mac OS X (version 10.3–10.4). Note that the driver software does not run correctly in the Mac OS X Classic environment.

● **A warning message appears when I disconnect the USB cable from the camera.**

Possible cause	Solution
Did you remove the camera while the camera was still mounted as a disk drive?	Disconnecting the camera while it is still mounted can corrupt the data on the media or damage the media itself. Drag the drive icon to the Trash before you disconnected the camera.

Troubleshooting Internet Problems

● I can't log in to the "FinePix Internet Service".

Possible cause	Solution
Are you able to connect to the Internet?	Check your Macintosh hardware and software setup.
Is the FinePix Internet Service undergoing maintenance?	Log in after the maintenance is completed.
Have you completed the user registration process?	Click the FinePixViewer [user's registration] button and sign on as a "Using the FinePix Internet Service" user.

● I can't sign on as a "FinePix Internet Service" user.

Possible cause	Solution
Have you already signed on under the same e-mail address?	You cannot sign on twice with the same user ID or e-mail address.

● I can't update the Internet menu properly. (The buttons do not line up correctly.)

Solution
The menu data is corrupted. Use the procedure below to update the menu: ① Quit FinePixViewer. ② Delete the menu data in the following locations: "FinePixInternetFile" folder in "Users" → "(user name)" → "Library" → "Preferences". ③ Launch FinePixViewer and click "Menu Update" in the "View" menu.

Troubleshooting Other Problems

● My camera will no longer play back image files.

Possible cause	Solution
Did you rename any files or folders inside the "DCIM" folder?	Change the file or folder names in the "DCIM" folder back to the original names.
Did you replace an image file inside the "DCIM" folder?	Do not replace image files in the "DCIM" folder.

● I want to stop the FinePixViewer from launching automatically.

Solution
You can use either of the three methods below to prevent FinePixViewer from launching automatically. ① Double-click the ImageCapture icon. ② Select "Preferences..." from the "Image Capture" menu. ③ Change the "When a camera is connected, open:" to "No application" and then click the Close button. ✻ To restore the original settings, set "When a camera is connected, open:" to "FPVBridge".

for FinePixViewer

FinePixViewer Troubleshooting

Error message	Cause	Solution
Folder not found.	You were working with a folder on a removable disk and the disk has been removed.	Re-insert the disk.
	The folder you were working with has been deleted or moved.	Use the [Refresh] menu.
“Filename” not found.	You were working with a file on a removable disk and the disk has been removed.	Re-insert the disk.
This file format cannot be used.	A file with a format not supported by FinePixViewer was accessed.	Use a file format supported by FinePixViewer.
The file with the same name as “filename” already exists. Overwrite?	The folder on which you dropped the file already contains another file with the same name.	To avoid overwriting the existing file, rename the file being dropped or rename the file in the target folder.
The folder with the same name as “filename (folder name)” already exists.	The folder on which you dropped the file (folder) already contains a folder with the same name.	Rename the file (folder) being dropped or rename the folder in the target folder.
Disk or folder is write-protected.	The folder or disk to which you attempted to write the file is write-protected.	Remove the write-protection from the disk or folder.
	Some digital camera models do not have a Write function.	Specify another writable disk as the save destination for the image data. Alternatively, copy the image data in the camera to another writable disk and then process the copied data.
Insufficient disk capacity. Process aborted.	There is not enough available disk space.	Switch to a new disk, or create space by deleting some unneeded files on the disk.

Error message	Cause	Solution
Cannot move “file (folder) name”. Copy?	The file (folder) you attempted to move is on a write-protected disk.	Remove the write-protection from the disk.
	The file you attempted to move is being used by another application.	Quit the application that is using the file.
“Filename” is in use.	The selected file is being used by another application.	Quit the application that is using the file.
Files won’t be played back on a camera. OK? It is recommended that you process the files after saving them to a hard disk.	A file with the same file name or file number already exists in the write destination.	Change the name or number of the file being written.
File is locked.	An attempt was made to modify a write-protected file.	Use the [Get Info] command to uncheck the [Locked] check box.
“Filename” is broken or not in the usable format.	The attempt to read the file failed.	This file is not supported by FinePixViewer and cannot be used.
Window cannot be opened any more.	No more than 20 windows can be opened.	To open the images in a window, select no more than 20 images.
The file or the folder with the same name already exists.	A file (folder) exists with the filename you entered.	To avoid duplicating an existing file (folder) name, use a different file name.
Image size is smaller than the specified size.	This image size cannot be saved in the Exif format.	Save the image as a PICT file.
Image size will be out of range.	The image cannot be resized as specified.	Specify a target size for the resized image that is between 160 × 120 and 6144 × 6144.

Error message	Cause	Solution
Automatic rename failed. Process aborted.	Too many files were selected for automatic renaming and file name duplication could not be avoided.	Reduce the number of files processed by the Automatic Rename function.
	The renaming “Pattern” selected in the automatic save settings is “User settings + Number” or “YYYY_MMDD + Number”	Select a different pattern as described on P.64.
Part of “filename” will be cropped because the image is larger than the printer output size.	The image in the file being printed is bigger than the paper size.	Print using the [Adjust to paper size] option.
Registered application not found.	The registered application has been deleted or moved.	Re-register the application.
Could not execute the registered application.	The application is damaged.	Re-install the application or register another application.
	Insufficient memory.	Quit any other applications that are running.
Could not create a temporary file. Process aborted.	A temporary file could not be created when an Exif-TIFF-YC file was opened as there was insufficient disk space.	Increase the amount of space available on the disk on which FinePixViewer is installed.
Could not execute the order application.	The print order application program cannot be found or is damaged.	Reinstall FinePixViewer.
Mail Transmission failed.	No registered e-mailer application.	Follow the instructions on P.66 and check that the e-mail software is correctly registered.

Troubleshooting with Print Order

Error message	Cause	Solution
Insert an order media.	The order media is not inserted in the drive.	Load the media into the drive.
	The media is not formatted.	Format the media.
Existing DPOF file cannot be used.	The existing DPOF file contains an error.	Create a new DPOF file.
Existing DPOF file contains an error. These orders will be ignored.	The settings in the existing DPOF file contain an error.	The erroneous settings are ignored.
“Filename” not found.	You were working with a file on a removable disk and the disk has been removed.	Re-insert the disk.
	The file being used has been deleted or moved.	Cancel the print order for the file.
“Filename” is broken or not in the usable format.	The file is corrupted or is in a format that is not supported. Alternatively, the image size is smaller than 640 × 480.	Use a file format (Exif-JPEG, Exif-TIFF or JPEG) and an image size no smaller than 640 × 480.
Window cannot be opened any more.	You attempted to open more than 20 windows.	To open the Image windows and the Index windows, select no more than 20 thumbnails and index.
Order media is write protected.	The media is write protected.	Remove the write protection from the media.
	Some digital camera models do not have a Write function.	When creating a print order file on the media, use the Image Memory Card Reader SM-R2 or DPC-R1 and the PC Card Adapter PC-AD3 or DPC-AD.
Insufficient order media capacity.	There is not enough space available on the media.	Use a media with sufficient free space as the order media.
Cannot create an order folder.	The DCIM folder on the order media already contains a folder numbered 999.	Use a new media.
The number of orders is full. Cannot order any more.	There are too many registered standard prints and index prints.	Register using a new media.

Other Problems

Error message	Cause	Solution
Not enough memory. Process aborted.	There was not enough memory.	Select the FinePixViewer program file and use the [Get Info] command to increase the “Preferred Size” setting in the memory requirements.
I/O error occurred. Process aborted.	Fault in the drive unit or disk.	Check for problems in the drive unit, or use an error-free disk.

Menus

File / Edit / View / Go / Bookmarks / Settings / Tools / Help / Contextual Menus

Using the [File] Menu

Name	Preceding operation	Function
Open	Select a thumbnail.	Opens a file.
Save As	Opens a file.	Saves the open file.
Close	Opens a file.	Closes the open window.
Delete	Select a thumbnail.	Deletes the selected file.
New Folder	Select a folder.	Creates a folder inside the selected folder.
Delete Folder	Select a folder.	Deletes the selected folder.
Slide Show	Select a thumbnail or folder.	Successive images are shown in full-screen display mode.
Mail Sending	Select a thumbnail.	Creates a new e-mail message with the image attached.
Automatic Save	Select a folder.	Copies images to your computer.
Automatic Rename	Select a thumbnail.	Renames the files using the specified format.
Batch Resize	Select a thumbnail.	Batch converts image sizes using the specified format.
Batch Rotation	Select a thumbnail.	Batch rotates images using the specified format.
Batch Format Conversion	Select a thumbnail.	Converts the image format (file format) using the specified format.
Information Batch Edit	Select a thumbnail.	Batch edits information such as the copyright and photography date and time.
Page Setup	————————	Sets the page.
Print	Select a thumbnail.	Prints the image.
Index Print	Select a thumbnail.	Prints multiple frames on the same print.

Name	Preceding operation	Function
Print Order	————————	Creates an order form to be given to a print service.
Exit	————————	Exits FinePixViewer.

Using the [Edit] Menu

Name	Preceding operation	Function
Undo	————————	Cancels the last operation performed.
Cut	————————	————————
Copy	Select part of an image (use the marquee tool in the playback window).	Copies an image (can be pasted into another document).
Paste	————————	————————
Select All	Select a folder.	Selects all the thumbnails.
	Open the playback window.	Selects the entire image.

Using the [View] Menu

Name	Function
Stop	Cancels thumbnail display.
Refresh	Updates the folder display area or thumbnail display area.
Display Mode	Changes the thumbnail display mode.
Arrange	Rearranges the thumbnails.
View Options	Changes the thumbnail frame and thumbnail display area background.
Menu Update	Updates the Internet menu.

Using the [Go] Menu

Name	Effect
Back	Returns to the previous folder.
Forward	Proceeds to the next folder.
Folder selection history	Moves to the indicated folder.

Using the [Bookmarks] Menu

This is similar to the [Favorites] function in a browser.

Name	Function
Add to Bookmarks	Registers the currently selected folder as a bookmark.
Organize Bookmarks	Arranges your bookmarks.
List bookmarks	Displays your bookmarks.

Using the [Settings] Menu

Name	Function
Mail Transmission Settings	Opens the Mail Transmission Settings dialog box.
Automatic Save Settings	Opens the Automatic Save Settings dialog box.

Using the [Tools] Menu

Name	Function
Change setting of “Cancel print auto adjustment [CR]”	Automatic print adjustment can be set when you print on an Exif 2.2-compatible printer.
Save image to the camera (PTP)	Transfer JPEG images saved on a PC to the camera. * When using a PTP-compatible camera
Improve Image	The image data contained in CCD-RAW files can be converted to file formats such as TIFF or Exif-JPEG and saved.

Using the [Help] Menu

Name	Function
How to Use FinePixViewer	Displays PDF files.
Quick Start Guide / Online FAQ	Displays an introduction to the basic functions of the software and links to the online Q&A page.
Software Update	Connects to the Internet and updates the software.

Using the [Contextual] Menus

Click while holding down the [control] key to display the menu.

Name	Function
Open	Opens the playback window.
Delete	Deletes an item.
Mail Sending	Creates a new e-mail message with an image in the specified format attached.
Automatic Rename	Renames files using the specified format.
Batch Resize	Batch converts image sizes using the specified format.
Batch Rotation	Batch rotates images using the specified format.
Batch Format Conversion	Converts images in the specified format.
Information Batch Edit	Batch edits information such as the copyright and photography date and time.
Print	Prints an image.
Index Print	Prints multiple frames on the same print.

Glossary

Adobe RGB (1998)
Adobe RGB (1998) files have color space suitable for pre-press work and for preparing data for commercial printing. This color space is more extensive than ColorMatchRGB and sRGB. In Photoshop 5.0, Adobe RGB (1998) is referred to as SMPTE-240M.

AVI
Acronym for Audio Video Interleaved. An movie format.

CCD-RAW
CCD-RAW files are the files created when images are shot on a digital camera and saved before being converted to image files.

DPOF
A format used for recording information specifying the images to be printed on a media.

Exif
A full-color image format for digital still cameras. This format is compatible with TIFF and JPEG and is supported by most image processing software. This format stipulates the recording method for thumbnail images and camera information.

JPEG
The standardization of still image compression technology, or the standard itself. JPEG allows effective image compression. However, because some of the original image data is lost during compression, the image generated from the expanded data is not precisely the same as the original image, though the degree of variance differs depending on the compression ratio. Compression ratios vary from 10:1 to 100:1.

Mac OS
The basic system software (operating system) used on Apple Macintosh computers.

PICT
Standard format for image data on Macintosh computers.

Application software
Software used for a specific purpose, such as word processing, spreadsheets or graphics.

Install
The process of setting up software on a PC. In most cases, software installation comprises the copying of the software from floppy disks or CD-ROM to the hard disk in a PC.

Thumbnail
A small copy of an image.

Automatic Rename
Renames files automatically. In FinePixViewer, you can rename multiple images at the same time using filenames based on the photography date and time.

PTP
PTP stands for Picture Transfer Protocol, which is a connection protocol that simplifies the transfer of image files. PTP-compatible cameras are cameras that automatically recognize PCs and printers, thereby simplifying the connection process.

Dialog box
A window used for specifying settings.

Drive
A peripheral device used by PCs to store files.

Drag
The action of moving the mouse with the mouse button held down.

Drag and drop
The process of clicking the mouse on an icon or thumbnail, holding the mouse button down as the mouse is moved to another location, and then releasing the mouse button to “drop” the icon or thumbnail. This procedure can be used to move or copy files.

Cropping (Trimming)
The action of cutting off unwanted portions of an image.

Pixel
Equivalent to picture element or dot. The minimum unit used in computer graphics.

File number
The final 4 digits used in the filenames for images shot on DCF-compliant digital cameras. DCF is a standard image format for digital cameras. This format allows image files to be exchanged easily among DCF-compliant cameras and printers.

Folder tree
An hierarchical structure for folders containing files.

Preview
An image displayed as it will be printed.

Removable disk
Media that can be removed, including floppy disks, MO disks and Zip cartridges.

Important Information and Helpful Hints for Internet Users

■ Charges
The charges for using the Internet include the following:

Call charges	The fees paid for using the phone line; paid to your telephone company.
Connection charges	The fees paid for server connection and data storage (e-mail and web pages); paid to your Internet service provider (ISP).

* If the charges vary depending on the call or connection time, you should use your PC’s automatic disconnect function to avoid wasted connection time.
* The FUJIFILM FinePix Internet Service includes both free and fee-based services.
* If you use online shopping or other services, you will be invoiced for the product or service in addition to the call and connection charges.

■ Viruses
A virus infecting your PC can result in the loss of important data or the sending of unwanted e-mail messages to the people stored in your address book. Do not open downloaded files or files received as e-mail attachments unless you are certain of their content.

■ Using Image Files on a Network Server
If you are using image files saved on a network server with FinePixViewer, you might not be able to use the files in the same manner as with a stand-alone computer.

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