



Camera Shooting Software for FinePix S1 Pro

User's Guide

This manual describes how to use the Camera Shooting Software photography application for the FUJIFILM Digital Camera FinePix S1 Pro. Read it carefully to ensure that you use this product correctly.

IMPORTANT

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

Notes on the Software and User's Guide

- (1) Unauthorized transfer or duplication of all or any part of the enclosed software or User's Guide is forbidden.
- (2) The enclosed software and User's Guide can be used with only one device.
- (3) We accept no liability whatsoever for any loss or injury incurred by the owner or any third party while using a device with the enclosed software or User's Guide.
- (4) Every effort has been made to ensure that the product is flawless. If any defect is found that is due to a fault on the part of the manufacturer, the product will be replaced free of charge, at our discretion. No responsibility is accepted for defects not caused by the manufacturer.
- (5) The contents of the enclosed software and User's Guide are subject to change without notice.



Do not attempt to play the CD-ROM enclosed with this product on an audio CD player.

Doing so could damage your hearing or could damage your speakers or headphones.

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Preface

Thank you for purchasing this FUJIFILM product.

This User's Guide describes how to use the Camera Shooting Software for FinePix S1 Pro (referred to hereafter as the Camera Shooting Software). The Camera Shooting Software allows you to control your Digital Camera FinePix S1 Pro (referred to hereafter simply as the camera), take pictures and specify the photography settings from a personal computer. You can also use this software to import the images you have shot into your PC and save them on your hard disk.

Using the Camera Shooting Software

* The examples used in these descriptions are for Windows 98. The screens shown on Macintosh computers are different, but the procedures are the same.

■ Connecting the Camera and PC

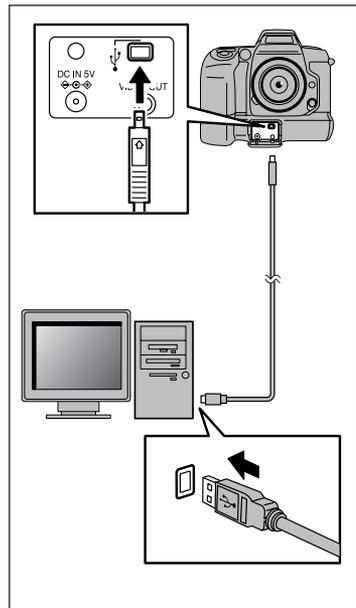
Refer to the Owner's Manual supplied with your camera for information on using the camera.

★ CAUTION Do not connect the camera to your PC until you have installed the Camera Shooting Software. Refer to the Camera Shooting Software Quick Start Guide for information on installing the software.

1. Switch on your PC.
2. Connect the AC power adapter to the camera and switch the camera on. In the Setup screen, select "PC Mode > Shoot" and then close the Setup screen.
3. Connect the camera to your PC using a USB cable.

★ CAUTION • Only one camera can be connected to the PC. Successful operation is not guaranteed if multiple cameras are connected all at once.

- Connect the camera and PC using a direct USB cable connection. Successful operation is not guaranteed if the camera is connected through a USB hub.
- If you are using Windows 2000, the "Digital Signature Not Found" message appears the first time you connect the camera after installing the Camera Shooting Software. Click [Yes] and continue with the installation.

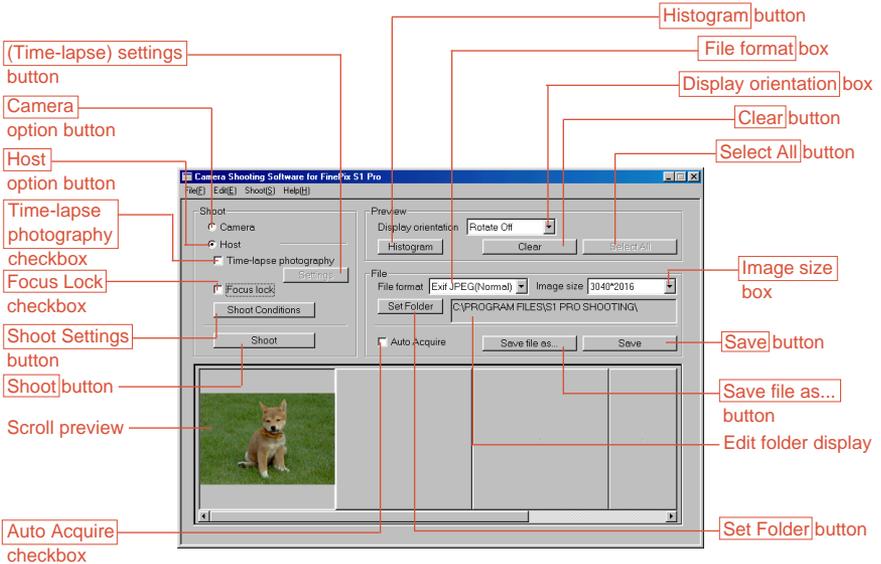


■ Launching the Camera Shooting Software

1. Click the [Start] button and select [Programs] - [Camera Shooting Software for FinePix S1 Pro] - [Camera Shooting Software for FinePix S1 Pro].
On a Macintosh computer, double-click the [S1 Pro Shooting] icon.
2. After the opening flash screen, the Shooting window and Large Preview window appears.

Shooting Window Details

When you launch the Camera Shooting Software, the Shooting window appears.



< Shooting window >

(Time-lapse) settings button

Opens the "Time-lapse settings" dialog box. This button can only be clicked when the "Time-lapse photography" checkbox is selected.

Camera option button

Switches to shooting from the camera. When this button is selected, the [Shoot] and [Shoot Settings] buttons are disabled.

Host option button

Switches to shooting from the PC.

Time-lapse photography checkbox

Switches to "Time-lapse Photography" mode. This mode cannot be selected when the [Camera] option button is selected.

Focus lock checkbox

Locks the camera focus. This option is disabled when the camera's focusing mode is in "M(Manual)".

Shoot Conditions button

Opens the "Shoot Conditions" dialog box. This button is disabled when the [Camera] option button is selected.

Shoot button

Takes a picture on the camera from the PC. This button is disabled when the [Camera] option button is selected

Auto Acquire checkbox

Automatically imports the photographed image onto the PC and saves it on your hard disk.

Histogram button

Opens the "Histogram" dialog box. This button is disabled if no image is selected or if multiple images are selected.

File format box and **Image size** box

Use these boxes to select the file format and the image size when you use the "Save" or "Save file as.." function.

Display orientation box

Sets the orientation in which the photographed image is displayed.

Clear button

Erases an image selected using scroll preview from the camera's memory. This button is disabled if no image is selected.

Select All button

Selects all the images shown in the scroll preview. This button is disabled if there are no images in the scroll preview.

Save button

Imports the image selected in the scroll preview from the camera and saves it to a file in the folder displayed in the "Edit folder display" box. This button is disabled if no image is selected.

Save file as... button

Imports the image selected in the scroll preview from the camera and saves it as a file on your PC. This button is disabled if no image is selected.

Set Folder button

Opens the "Set Folder" dialog box.

Scroll preview

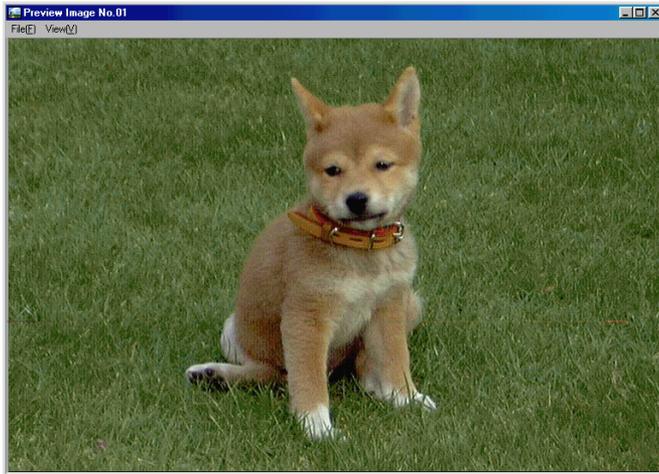
Shows previews of the images shot using the camera or the images saved in the camera memory.

Edit folder display

Shows the name of the folder to which images are saved when you click the [Save] button.

■ Large Preview Window Details

1. When you launch the Camera Shooting Software, the Large Preview window opens at the same time as the Shooting window.



< Large Preview Window >

2. You can use the Large Preview window to check an image you have shot. When you select an image in the Scroll Preview, the selected image is displayed in the Large Preview window.



- If you select "Fine detail" from the "View" menu in the Large Preview window or if you simply double-click the displayed image, the full-size image (3040x2016) is imported from the camera and displayed in the window.



- See "■ Selecting Images" (-> P.15) for more information on selecting an image.
- It takes roughly 10 seconds to import an image displayed in fine detail from the camera to your PC. Depending on the hardware and software provided on your PC, it might also take some time to display the image. For optimum performance, you should have at least 128 MB of additional memory installed on your PC.
- To revert to the standard window size or image size, select "Normal" from the "View" menu in the Large Preview window.

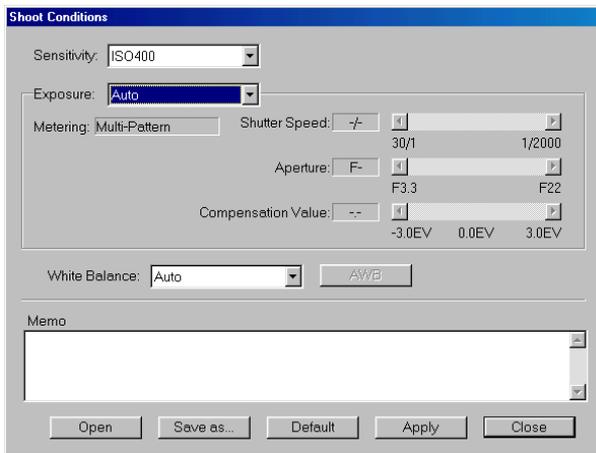
■ Specifying the Photography Settings

1. Before taking a picture, use the procedure described here to check photography settings such as the sensitivity and shutter speed and to change the settings as desired.

When you click on the [Shoot Conditions] button in the Shooting window, the "Shoot Settings" dialog box opens.



When you launch the Camera Shooting Software, the photography settings from the last time you used the software are set in the camera. Also, after you exit the Camera Shooting Software, the photography settings prior to launching the software are set in the camera.



2. If you specify the photography settings and then click the [Apply] button, the settings are transferred to the camera.

- Clicking the [Apply] button validates the settings currently shown in the "Shoot Conditions" dialog box.
- Clicking the [Open] button opens the "Open file" dialog box and allows you to import a photography settings file saved on the PC.
- Click the [Save as...] button to open the "Save file as..." dialog box and save the photography settings currently shown in the "Shoot Settings" dialog box as a photography settings file on your PC.
- Clicking the [Default] button restores the current settings in the "Shoot Settings" dialog box to the default values. The initial default settings are as follows:

Sensitivity	: ISO 400
Exposure	: Auto
Exposure Compensation	: 0
White Balance	: Auto

- Clicking the [Cancel] button discards the current settings and closes the "Shoot Settings" dialog box.

- **Sensitivity**

Selects the ISO film speed. The following 4 film speeds can be selected:

ISO 320, ISO 400, ISO 800 or ISO 1600

- **Metering**

Displays the metering mode set on the camera. The following 2 types of metering mode can be displayed:

Multi-Pattern / Center-Weighted

Refer to the Owner's Manual for the camera for details.

- **Exposure**

Selects the exposure mode. The following 10 types of mode can be selected:

Auto / Programmed Auto / Aperture-Priority
Auto / Shutter-Priority Auto / Manual / Portrait /
Sports / Night scene / Landscape / Close-up

You can also set the exposure compensation value by moving the button on the slider bar. You can set the exposure compensation value in the Programmed Auto, Aperture-Priority Auto, Shutter-Priority Auto and Manual exposure modes.

Refer to the Owner's Manual for the camera for details.

- **Shutter Speed**

Selects the shutter speed. This can be selected when the aperture mode is set to Shutter-Priority Auto or Manual.

- **Aperture**

Selects the aperture setting. This can be selected when the aperture mode is set to Aperture-Priority Auto or Manual.

- **White Balance**

Selects the white balance mode. The following 8 types of white balance mode can be selected:

Auto / Custom / Fine / Incandescent Light / Shade (fine weather)
Fluorescent Light 1 / Fluorescent Light 2 / Fluorescent Light 3

Refer to the Owner's Manual for the camera for details.

● AWB

Performs "one-push AWB" (automatic white balance setting). This option can be specified when the white balance mode is set to "Custom".



Set the white balance mode to "Custom" and click the [Apply] button to enable the [AWB] button.

To perform "one-push AWB":

- ① Hold up a piece of white paper in front of the viewfinder so that completely covers the area photographed.
- ② Click the [AWB] button. The shutter operates exactly as if the camera was taking a picture and a white image is stored in the camera memory. The camera then automatically sets the white balance based on the captured image.
- ③ Because the automatically set image is displayed in the scroll preview in the Shooting window, you can visually check the results of "one-push AWB". Subsequently, when you select "Custom", the camera uses the automatically set white balance to take the picture. To change the "Custom" white balance, click the [AWB] button again.



- If you click the [Save] button to save photography settings file, do not use "Initial 60", "System 60" or "Camera 60" as the file name since these names are used by the Camera Shooting Software.
- if the "Cannot take the picture - the Camera is out of focus" message appears, tick the "Focus lock" checkbox or set the camera focusing mode to "M(Manual)" and then perform "one-push AWB".



- You can enter a short comment for each set of photography settings. This comment is saved in the photography settings file when you click the [Save as...] button.
- If you open the "Shoot Conditions" dialog box after launching the Camera Shooting Software, the current camera settings are imported and displayed.

■ Setting the Image Display Orientation

1. The "Display orientation" box sets the orientation in which photographed images are displayed. The orientation specified here governs the way images are displayed in the Scroll Preview and Large Preview window.



2. Click on the arrow button in the "Display Orientation" box and select the display orientation. The following 4 orientations can be selected:

- **Rotate Off**
The image is displayed unrotated.
- **Rotate 90 - cw**
The image is displayed rotated 90° to the right
- **Rotate 90 - ccw**
The image is displayed rotated 90° to the left.
- **Rotate 180 -**
The image is displayed rotated 180°.



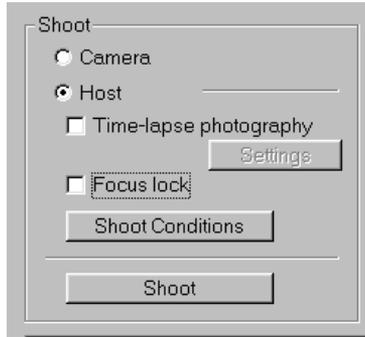
TIP

- When the Camera Shooting Software is launched, images in the Scroll Preview are displayed with the orientation set in the "Display Orientation" box.
- Photographed images are always saved to files unrotated.

■ Taking Pictures

When you have specified the photography settings and the display orientation, you are ready to take pictures on the camera.

1. When the "Host" option button is selected, click the [Shoot] button in the "Shoot" window to take a picture. If the "Camera" option button is selected, press the shutter button on the camera.



If you take a picture when the "Focus lock" checkbox is ticked, the camera releases the shutter immediately without performing auto focusing. If the "Focus lock" checkbox is not ticked, the camera's auto focusing feature operates and the shutter releases after the image is focused.

- ★ CAUTION
- If the shutter does not release when you click the [Shoot] button, set the focus mode on the camera to "M(Manual)" or tick the "Focus lock" checkbox before shooting.
 - If you tick the [Auto Acquire] checkbox before shooting, the photographed image is saved on the PC and then automatically erased from the camera memory.

If you tick the [Time-lapse photography] checkbox before shooting, time-lapse photography is performed.

See "■ Using Time-lapse Photography" (-> P.22) for more information on time-lapse photography.

2. When you take the picture, the image is stored in the camera's memory and displayed in the "Scroll Preview" in the Shooting window.



TIP

Up to 5 shots can be taken on the camera. To continue taking additional pictures, erase some unwanted images or save the images to your PC and then erase them. Then continue taking pictures.

■ Selecting Images

To select an image in the Scroll Preview, simply click the image. The selected image appears as a depressed button.



To cancel an image selection, click another image. To select multiple images, hold down the [Ctrl] key and click the images with the left mouse button.

On Macintosh computers, hold down the [Shift] key and click.

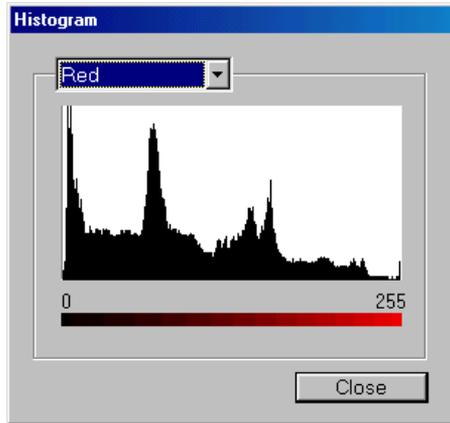
You can also select multiple images in either of the following ways:

- Hold down the [Ctrl] key and as you click other images.
On Macintosh computers, hold down the [Shift] key as you click.
- Click the [Select All] button.

■ Checking the Image Histogram

Before you save a photographed image, you can use the histogram to check the color distribution in the image.

1. Select the image to be checked and click the [Histogram] button in the Shooting window. The Histogram dialog box then appears.



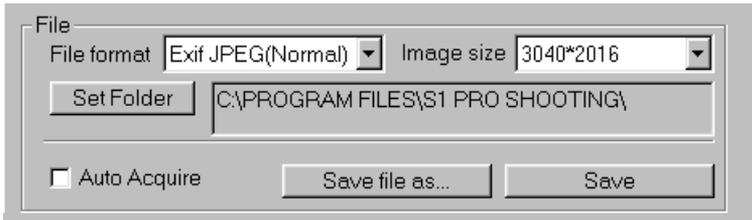
2. Click the arrow in the [channel] box to select the color to be shown in the histogram. The 4 settings that can be selected are "Master", "Red", "Green" and "Blue".

When you have checked the histogram, click the [Close] button to exit the Histogram dialog box.

★ **CAUTION** • You can only use the Histogram dialog box to check the color distribution, not to modify it.

■ Setting the File Format and Image Size for Saved Files

Before you save a photographed image, set the file format and the image size.



1. Select the file format to be used when the image is saved in the "File format" box in the Shooting window. The following 5 file formats can be selected:

Exif-JPEG (Basic) Exif-TIFF (YCC)
Exif-JPEG (Normal) Exif-TIFF (RGB)
Exif-JPEG (Fine)

Refer to the Owner's Manual for the camera for details.

2. Select the image size to be used when the image is saved in "Image size" box in the Shooting window. The following 3 image sizes can be selected:

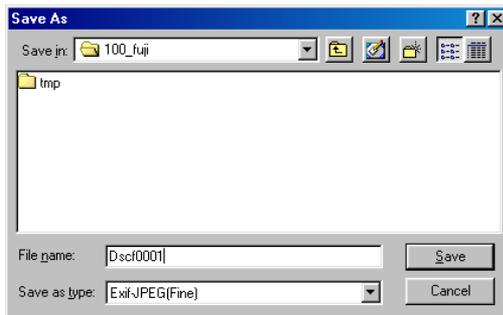
1,440 X 960 2,304 X 1,536 3,040 X 2,016

■ Importing Images (Save files as...)

There are two functions that import photographed images to your PC: "Save file as..." and "Save".

Save file as...:

In this function, you specify the folder in which the image file is to be saved and the file name to be used when the image is imported. Select the image to be saved and click the [Save file as...] button in the Shooting window. The images in the camera memory are imported to the PC and the "Save file as..." dialog box appears.



Specify the save destination folder and file name and then click the [Save] button. The image is saved under the specified file name.



- See "■ Selecting Images" (-> P.15) for more information on selecting an image.
- When an image is saved, the file format and image size specified in the Shooting window are used. See "Setting the File Format and Image Size for Saved Files" (-> P.17).
- You cannot open and view a saved file in the Camera Shooting Software. Use the Exif Viewer software application provided on the enclosed CD-ROM.

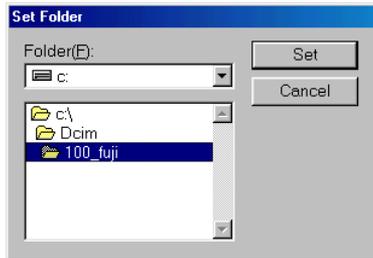
■ Importing Images (Save)

Save:

This function saves the photographed image to a destination folder specified beforehand and automatically generates a file name.

1. Specify the destination folder before using the Save function.

Click the [Set Folder] button in the Shooting window to open the Set Folder dialog box.



2. Select the drive and then the folder from the pull-down lists to specify the destination folder.

- Click the [Set] button to validate the specified settings and close the Set Folder dialog box.
- To discard the settings and close the Set Folder dialog box, click the [Cancel] button.

3. The selected folder and the file format to be used for saving the file appear in the "Edit folder display" box.



Select the image you want to import and click the [Save] button in the Shooting window.

The image on the camera is transferred to the PC and saved to the destination folder shown in the "Edit folder display" box.



- See "■ Selecting Images" (-> P.15) for more information on selecting an image.
- When an image is saved, the file format and image size specified in the Shooting window are used. See "Setting the File Format and Image Size for Saved Files" (-> P.17).
- You cannot open and view a saved file in the Camera Shooting Software. Use the Exif Viewer software application provided on the enclosed CD-ROM.
- File names are automatically assigned in the "DSCFxxxx.jpg" or "DSCFxxxx.tif" format (where "xxxx" is a number between 0000 and 9999).
- The setting in the "Edit folder display" box is saved.

■ Erasing Images

To erase an image you have photographed, select the image to be erased and click the [Clear] button.



If you click the [select All] button and then click the [Clear] button, all the images displayed in the Scroll Preview are erased.



- See "■ Selecting Images" (-> P.15) for more information on selecting an image.
- When you erase an image, the corresponding frame in the Scroll Preview turns gray to indicate that no image has been shot. The remaining images are not rearranged to fill the gap. When you shoot new images, they appear sequentially in the vacant (gray) frames in the Scroll Preview.

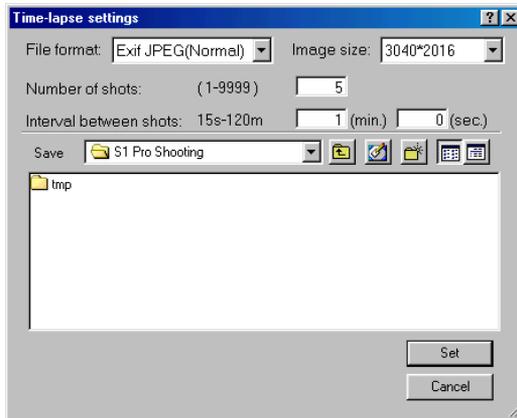
■ Using Time-lapse Photography

Time-lapse photography shoots a specified number of images at a set specified interval and then saves the images.

1. Set the interval between shots and the number of shots to be taken.
Tick the [Time-lapse photography] checkbox in the Shooting window.



2. The [(Time-lapse) Settings] button in the Shoot window is enabled. Click the [(Time-lapse) Settings] button to open the "Time-lapse photography settings" dialog box.



Specify the settings and then click the [Set] button to apply the settings.

- Clicking the [Set] button validates the specified settings and closes the "Time-lapse photography settings" dialog box.
- Clicking the [Cancel] button discards the specified settings and closes the "Time-lapse photography settings" dialog box.

● Save Destination Folder

Select the drive and then the folder from the pull-down lists to specify the destination folder.

● File format

Select the file format to be used when the image is saved. The following 5 file formats can be selected:

Exif-JPEG (Basic)	Exif-TIFF (YCC)
Exif-JPEG (Normal)	Exif-TIFF (RGB)
Exif-JPEG (Fine)	

Refer to the Owner's Manual for the camera for details.

● Image size

Select the image size to be used when the image is saved. The following 3 image sizes can be selected:

1,440 X 960	2,304 X 1,536	3,040 X 2,016
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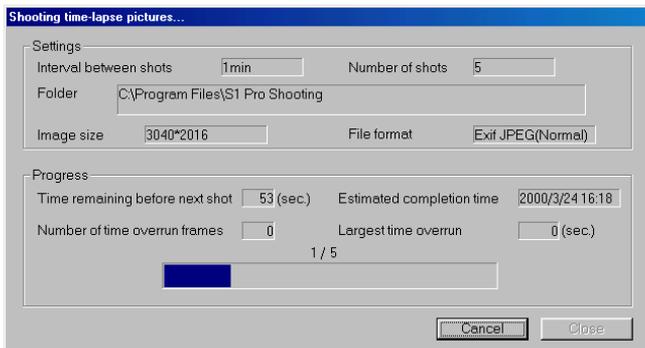
● Number of shots

Specifies the number of shots taken in time-lapse photography. The valid range for the number of shots that can be taken is displayed beforehand. Specify a value in the displayed range.

● Interval between shots

Specifies the time interval between shots taken in time-lapse photography. The valid range for the interval between shots is displayed beforehand. Specify a value in the displayed range.

- When you have specified the time-lapse photography settings, check that the "Time-lapse photography" checkbox is ticked and then click the [Shoot] button in the Shooting window. Time-lapse photography begins and the "Shooting time-lapse pictures..." message appears.



4. When the specified number of time-lapse photography shots has been taken, the [Close] button is enabled. Click the [Close] button to close the "Shooting time-lapse pictures..." message box.
 - Clicking the [Cancel] button stops time-lapse photography stops and closes the "Shooting time-lapse pictures..." message box. The images that have already been saved to files on the PC are left on the PC.
5. The settings specified in the "Time-lapse photography settings" dialog box are displayed in the upper part of the "Shooting time-lapse pictures..." message box. The bottom half of the "Shooting time-lapse pictures..." message box shows the progress information for time-lapse photography. The following types of progress information are displayed:
 - **Time remaining before next shot**
Counts down the time remaining to the next shot.
 - **Estimated completion time**
Shows the predicted finishing time for time-lapse photography.
 - **Number of time overrun frames**
Displays the number of shots where shooting and saving to file could not be completed in the specified interval between shots.
The number of time-overrun frames may increase due to factors such as the PC processing load. In this event, click the [Cancel] button in the "Shooting time-lapse pictures..." message box to stop time-lapse photography, reset the interval between shots and then begin time-lapse photography again.
 - **Largest time overrun**
Displays the time taken by the longest time overrun. When you reset the time between shots, set a new value that is at least as long as the current time between shots plus the largest time overrun.

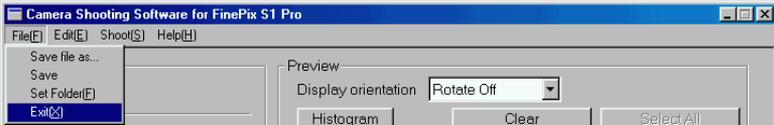


- The time-lapse photography settings are saved provided they are not modified.
- You cannot open and view a saved file in the Camera Shooting Software. Use the Exif Viewer software application provided on the enclosed CD-ROM.
- File names are automatically assigned in the "DSCFxxxx.jpg" or "DSCFxxxx.tif" format (where "xxxx" is a number between 0000 and 9999).
- To ensure stable operation during time-lapse photography, insert the battery-type adapter into the camera and connect the AC power adapter.
- If the "Flash charging..." message appears, reset the time-lapse photography settings with a larger interval between shots.

■ Exiting the Camera Shooting Software

To exit the Camera Shooting Software, select "Exit" from the "File" menu in the Shooting window. On Macintosh computers also, select "Exit" from the "File" menu.

You can also exit the Camera Shooting Software by clicking the Close button in the top-right corner in the Windows version or the Close box in the top-left corner in the Macintosh version.





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