

Photohands

Version 1.0

**Retouching/Printing Software
for Windows**

Instruction manual

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Introduction

This manual is the user's instruction manual for the Photohands retouching/printing software. Photohands runs under Windows, and this manual does not include descriptions of Windows operations.

This manual has been written for users who are familiar with the following basic operations:

- Mouse operations such as clicking, double-clicking, dragging, and dragging & dropping
- Menu operation using the mouse
- Keyboard entry
- Windows operations

For details of these basic operations, see the PC manual or the Windows User's Manual.

All operations in this book are described assuming the use of Windows 98.

■ For first time users of Photohands

Read the "Read me" file in the CD-ROM provided. This describes how to check the system requirements for Photohands and how to install it on your PC. Check your operating environment and Windows version to be used before installing Photohands.

■ What Photohands does

- Corrects (adjusts contrast or brightness), rotates an image, or changes the size.
- Prints an image.

IMPORTANT

- Image file formats that can be handled with Photohands are: JPEG, BMP, PNG, and TIFF*.

* It is not possible to save in TIFF format.

■ About This Manual

All operations in this manual are described for Windows 98 using a mouse.



① [Open] icon

“Displaying Images” on page 12

② [Save] icon

“Saving Images” on page 21

③ [Help] icon

“Getting Help” on page 25

④ [Quit] icon

“Quitting Photohands” on page 25

⑤ [Retouch] icon

“Adjusting the Hue” on page 14

⑥ [Resize] icon

“Changing the Size of an Image” on page 17

⑦ [Rotate] icon

“Rotating/Inverting an Image” on page 19

⑧ [Print] icon

“Printing Images” on page 22

⑨ [Zoom In Preview] button

Click to magnify image view in the preview window.

⑩ [Zoom Out Preview] button

Click to reduce image view in the preview window.

⑪ [Up Scroll] button

Click to slide up image view in the film dialog box.

⑫ [Down Scroll] button

Click to slide down image view in the film dialog box.

⑬ Comment Window

Displays information or advice explaining the task being performed.

About Screen Images

- Screen images illustrated in this document are for Windows 98. Views may differ if using other Windows versions.
- Note that screen images in this document may differ slightly from the actual screens, but the contents are identical.

Starting Photohands

Photohands can be started using any of the following methods.

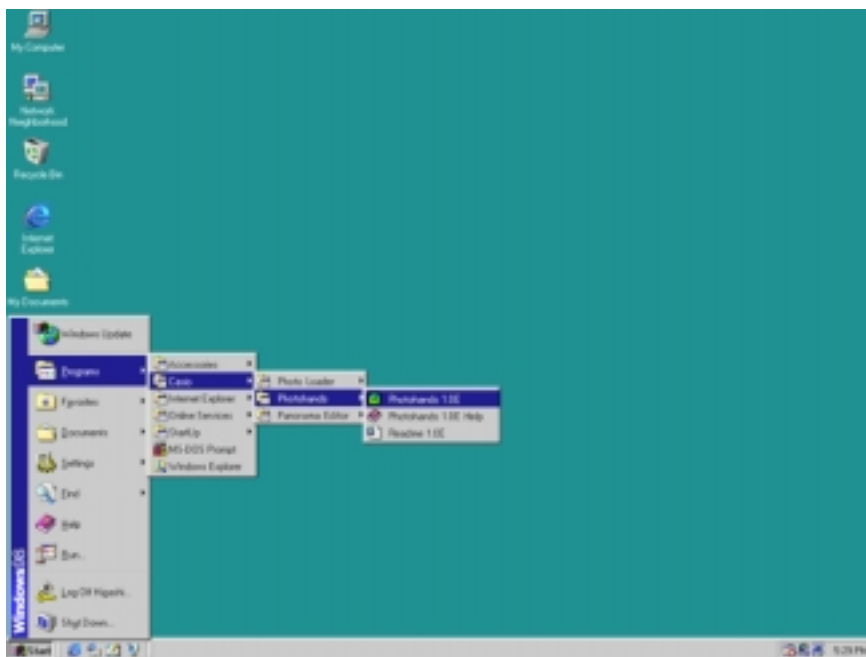
- From the Start menu
- From the Task tray
- From the Photo Loader menu screen
- From the Photo Loader library index
- From the Photo Loader image viewing screen

IMPORTANT

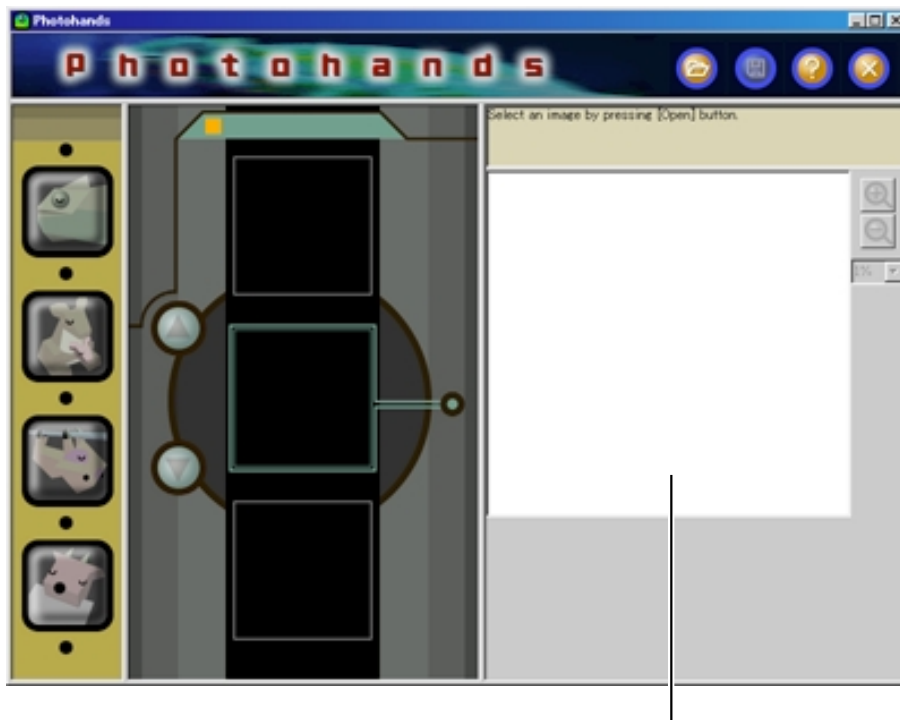
- Photohands must be installed on your PC before starting it.

■ Starting Photohands from the Start menu

1. Switch on your PC to start Windows.
2. From the Start menu, select [Programs] → [Casio] → [Photohands] → [Photohands 1.0E].



Photohands starts up and the starting window appears.



An image will be displayed in the window on opening the file. See “Displaying Images” on page 12.

■ Starting Photohands from the Task tray

1. Right-click the  icon in the Task tray.



2. Select and click [Starting Photohands].
Photohands starts up and the starting window appears.

■ Starting Photohands from the Photo Loader menu screen

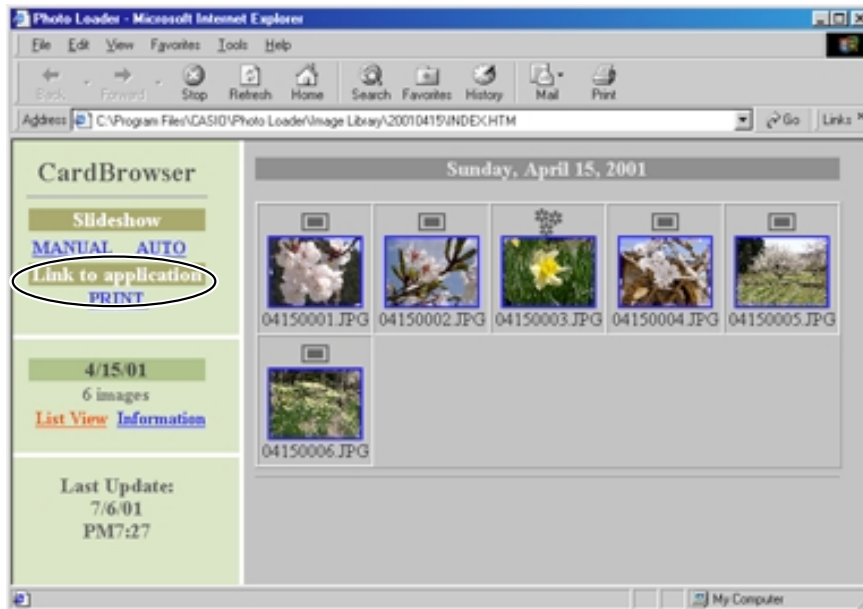
1. Click the [Print] button in the Photo Loader function buttons.



Photohands starts up and the starting window appears.

■ Starting Photohands from the Photo Loader Library screen

1. Click the [PRINT] button in the Library screen.



Photohands starts up and the starting window appears.

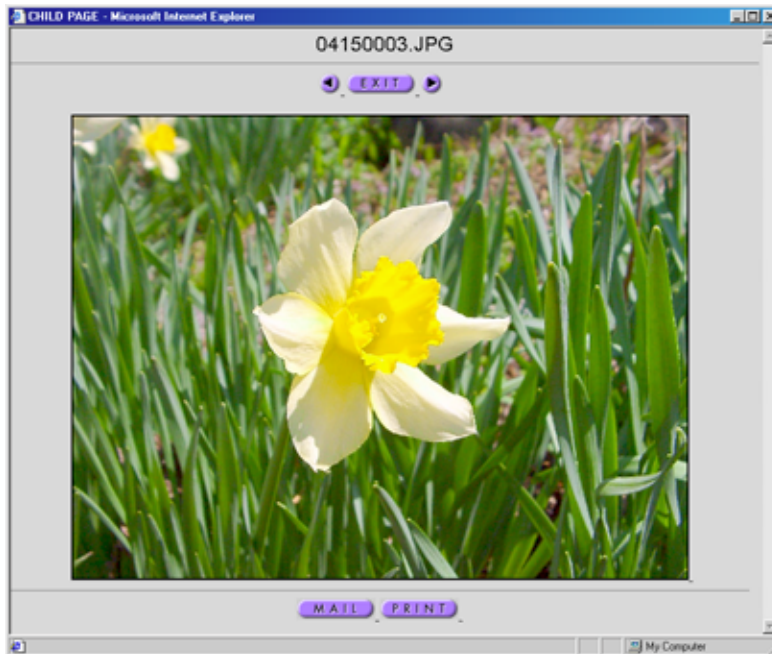
The first image in the Photo Loader library is displayed.



The second image in the Photo Loader library is displayed.

■ Starting Photohands from the Photo Loader image view screen

1. Click the [PRINT] button on the image view screen.



Photohands starts up and the starting window appears.

The image viewed in Photo Loader is displayed first.



Other images, except for those in Photo Loader, are displayed in order.

The image viewed in Photo Loader is displayed.

Using Photohands

This section describes how to use the various functions of Photohands.

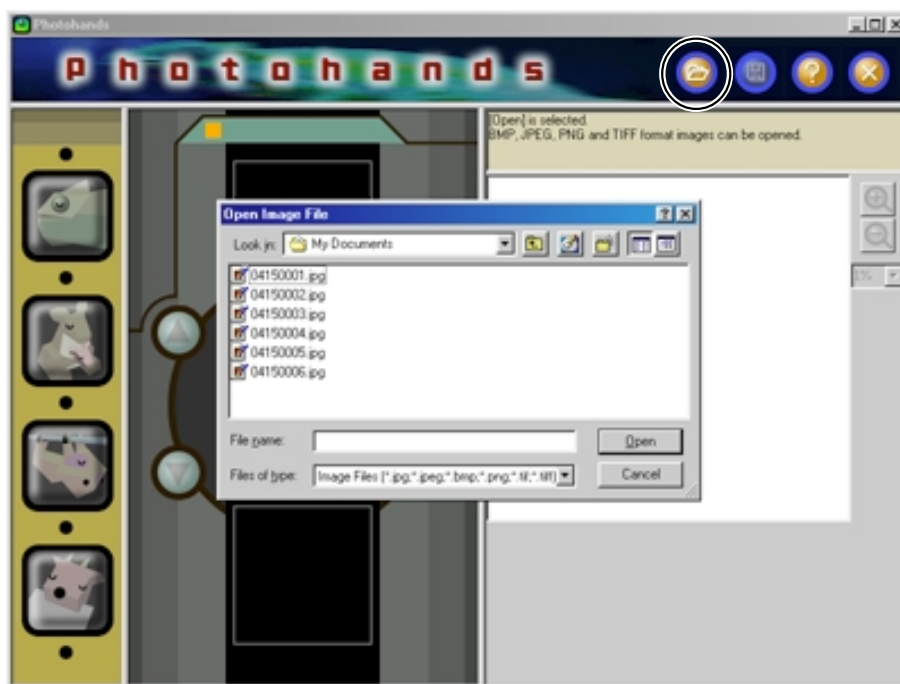
■ Displaying Images

This section describes how to display images.

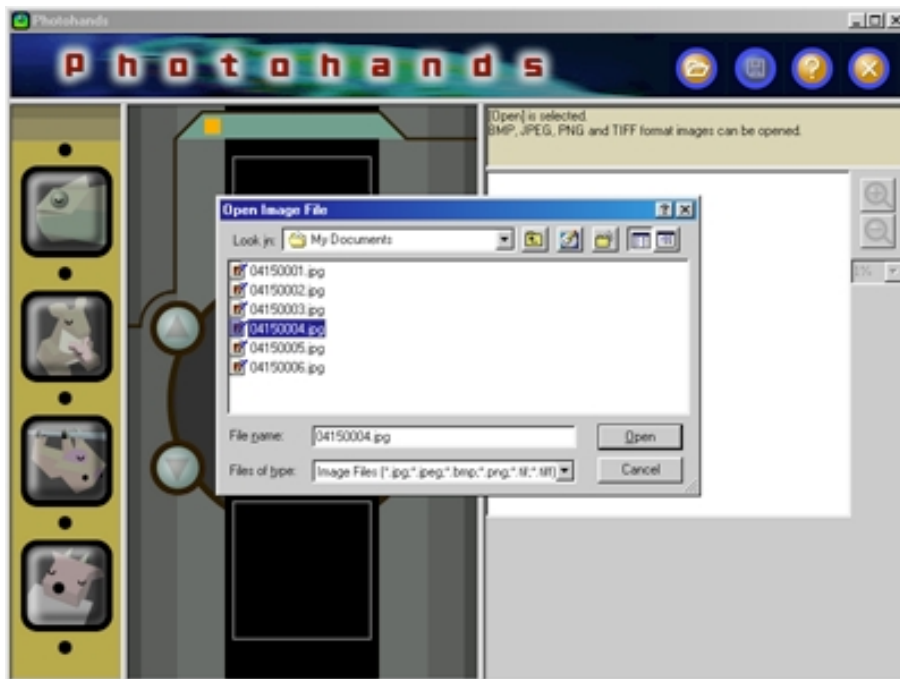
IMPORTANT

- The image file formats that can be handled with Photohands are: JPEG, BMP, PNG, and TIFF*.
 - * Readable TIFF files are non-compressed RGB-TIFF files, and they cannot be saved in TIFF format.

- 1. Click the [Open] icon.**
A dialog box appears.



2. Select the image to be displayed.



3. Click the [Open] button. The selected image is displayed.



The file information is displayed.

■ Editing Images

This section describes how to edit images.
Three operations are available.

- Correcting the hue
- Changing the size
- Rotating/inverting an image

TIP

- Images can be edited while displayed in the Preview window. Preview the image to be edited first. See “Displaying Images” on page 12.

IMPORTANT

- Two or more images cannot be edited simultaneously. Save the current image to quit editing before starting to edit another image. See “Saving Images” on page 21.

Adjusting the Hue

How to adjust the hue of an image is described.
Six operations are available.

- Contrast: For adjusting the light and shade gradation of the bright and dark areas of the image.
- Brightness: For adjusting the brightness of the entire image.
- Saturation: For darkening the entire image’s hues when they are bright or lightening the entire image’s hues when they are dark.
- Sharpness: For strengthening or weakening the outline of the image. Set to Sharp when the images are out of focus, or set to Soft to show the softness of the entire image.
- Noise removal: For removing dust or scratches from the image.
- Filter: For adjusting the selected image to sepia or mono-chrome.

TIP

- Images can be edited while displayed in the Preview window. Preview the image to be edited first. See “Displaying Images” on page 12.

IMPORTANT

- Two or more images cannot be edited simultaneously. Save the current image to quit editing before starting to edit another image. See “Saving Images” on page 21.

1. Click the [Retouch] icon.

- The retouch dialog box appears.
- Set as described below.
- Click the **[Cancel]** button to reset each setting.

For re-drawing images in response to the settings.

Preview the images by clicking the **[OK]** button.



① Adjusting contrast

Move in the right direction to sharpen the image. Move in the left direction to soften the image.

- Enter a value in the range –100 to +100, or
- Drag the slider to set a value.

② Adjusting brightness

Move in the right direction to lighten the image. Move in the left direction to darken the image.

- Enter a value in the range –100 to +100, or
- Drag the slider to set a value.

③ Adjusting saturation

Move in the right direction to deepen the color. Move in the left direction to thin the color.

- Enter a value in the range –100 to +100, or
- Drag the slider to set a value.

④ Adjusting sharpness

Check the **[Hard]** button to sharpen the image, or check the **[Soft]** button to tone down the image.

- Check the **[Hard]** button to increase the sharpness.
- Check the **[Soft]** button to decrease the sharpness.
- Check the **[OFF]** button so as not to adjust the sharpness.

⑤ Setting noise removal

This function removes dust or scratches in an image. Click the **[ON]** or **[OFF]** buttons to select the function.

- Check the **[ON]** button to remove noise.
- Check the **[OFF]** button to not remove noise.

⑥ Filter setting

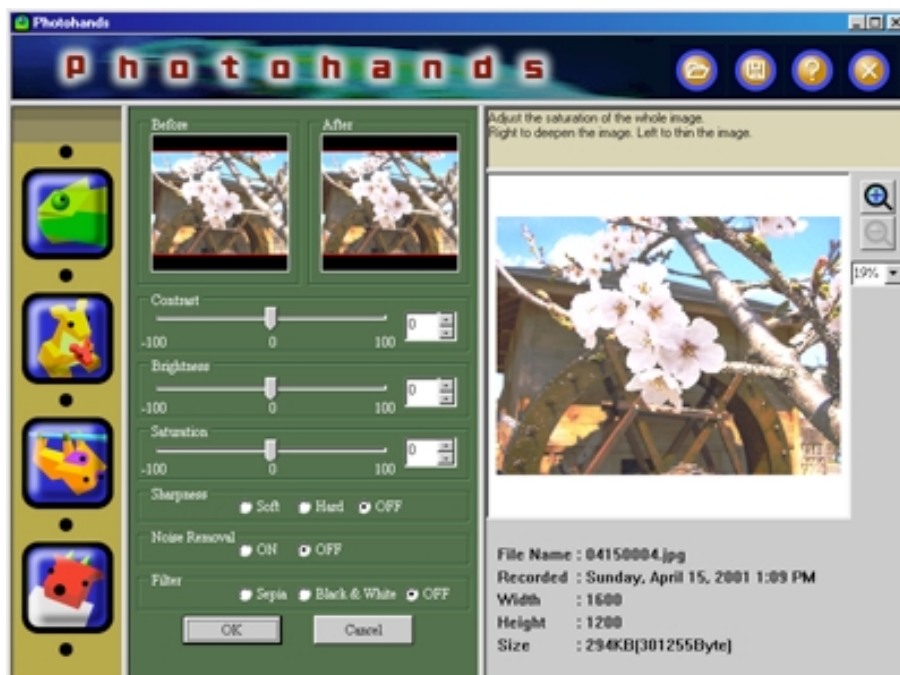
This function changes the image color.

Click the **[Sepia]** or **[Black & White]** buttons to select the function.

- Click the **[Sepia]** button to give a sepia tone image.
- Click the **[Black & White]** button to give a black-and-white image.
- Check the **[OFF]** button so as not to set the filter.

2. Click the **[OK]** button to view the retouched image.

- The image retouched using the settings in Step 1 is redrawn in the preview window.
- Each setting returns to the default.
- Click the **[Cancel]** button to go back to the previous screen before you click the **[OK]** button.



- 3. Changing the size, rotating/inverting, printing an image**
See “Changing the Size of an Image” on page 17, “Rotating/Inverting an Image” on page 19, or “Printing Images” on page 22.

- 4. After retouching, save the image. If not saved, the retouching or modification will not be applied to the actual image data.**
See “Saving Images” on page 21.

IMPORTANT

- If you do not want to overwrite the original image, save the image on a different location on the computer's hard disk.

Changing the Size of an Image

This section describes how to change the size of an image.

TIP

- The size of an image can be changed in the Preview window. Preview the image to be changed first. See “Displaying Images” on page 12.

IMPORTANT

- Two or more images cannot be edited simultaneously. Save the current image to quit editing before starting to edit another image. See “Saving Images” on page 21.
- Photohands is software for editing images taken with a digital camera, and therefore is not suitable for editing images larger than those taken with a regular digital camera.

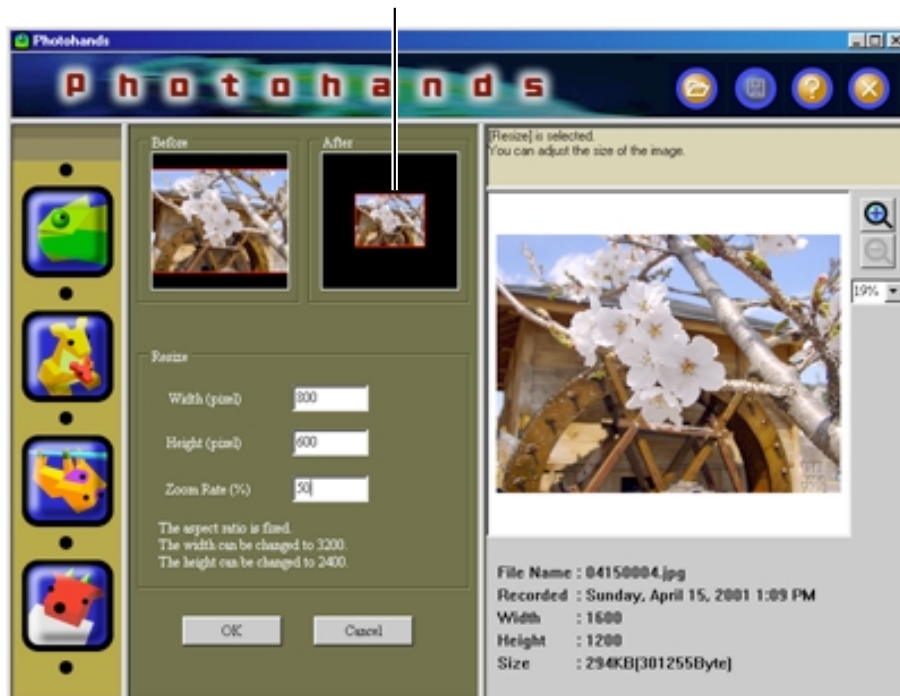
- 1. Click the [Resize] icon.**
The resize dialog box appears.



2. Enter values (pixels) for “Height” and “Width”.

- The size can also be changed by entering a value in the % field.
- The enlargement ratio is maximum 200%.
- The aspect ratio is fixed.
- If the height is changed, the width is automatically changed accordingly.
- If the width is changed, the height is automatically changed accordingly.
- Click the **[Cancel]** button to go back to the previous screen before you click the **[OK]** button.

The image is redrawn in accordance with the settings.



3. Click the [OK] button to change the size.

- The image is redrawn in the Preview window.
- Click the **[Cancel]** button to go back to the previous screen before you click the **[OK]** button.

4. Correcting the hue, rotating/inverting, printing an image

See “Adjusting the Hue” on page 14 and “Rotating/Inverting an Image” on page 19.

5. After changing the size, save the image. If not saved, the changes will not be applied to the actual image data. See “Saving Images” on page 21.

IMPORTANT

- If you do not want to overwrite the original image, save the image on a different location on the computer's hard disk.

Rotating/Inverting an Image

This section describes how to rotate/invert an image.

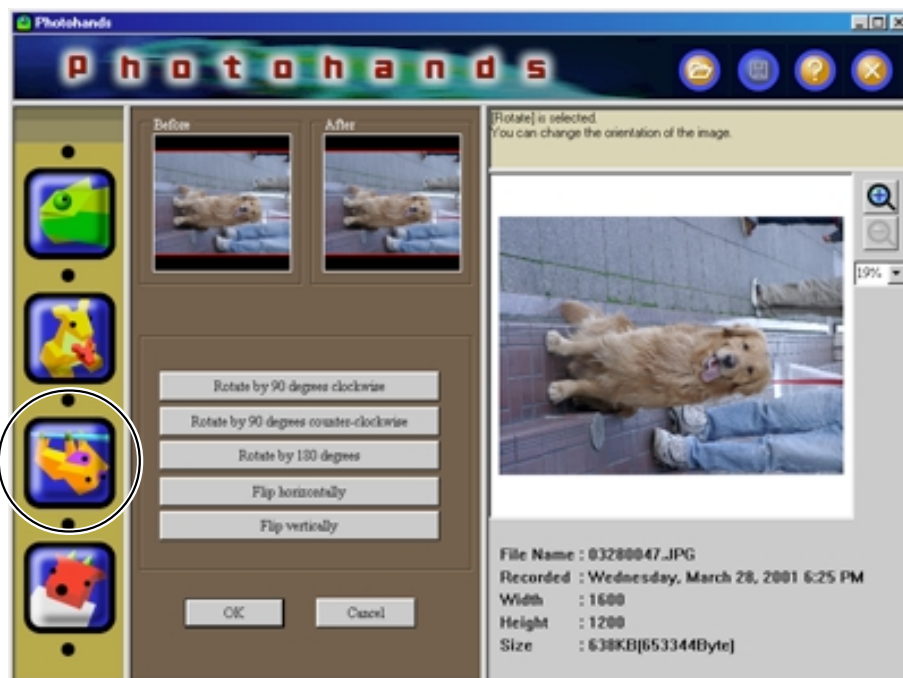
TIP

- An image can be rotated or inverted the Preview window. Preview the image to be edited first. See “Displaying Images” on page 12.

IMPORTANT

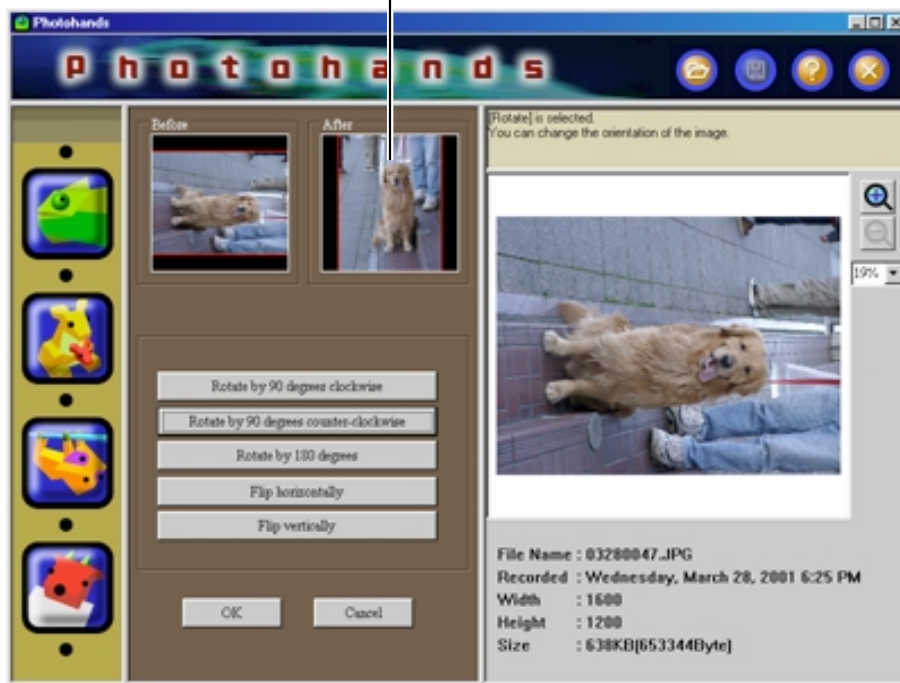
- Two or more images cannot be edited simultaneously. Save the current image to quit editing before starting to edit another image. See “Saving Images” on page 21.

1. Click the [Rotate] icon.
The rotate dialog box appears.



2. Click the button to select the direction to rotate.

The image is redrawn in accordance with the selected direction button.



3. Click the [OK] button to save the rotated or inverted image.

- The image is redrawn in the Preview window.
- Click the **[Cancel]** button to go back to the previous screen before you click the **[OK]** button.



- 4. Correcting the hue, changing the size, printing an image**
See “Adjusting the Hue” on page 14, “Changing the Size of an Image” on page 17 or “Printing Images” on page 22.
- 5. Save the image after rotating or inverting. If not saved, the changes will not be applied to the actual image data. See “Saving Images” on page 21.**

IMPORTANT

- Saving the image updates the Photo Loader library. If you do not wish to overwrite the image in the Photo Loader library, save the image in another location on the PC.

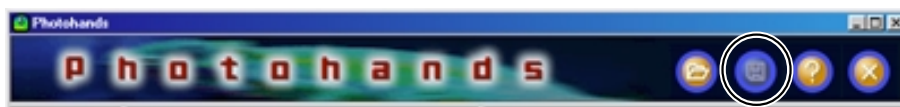
■ Saving Images

This section describes how to save an image.

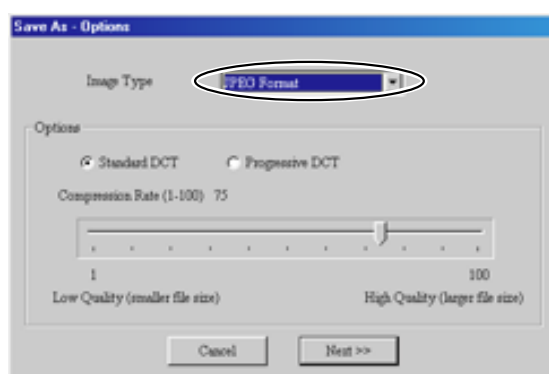
IMPORTANT

- Always save the image after the image data has been edited. If not, the edited content of the image data will not be displayed.

- 1. After editing the image, click the [Save] icon.**



- 2. Select the file saving format.**



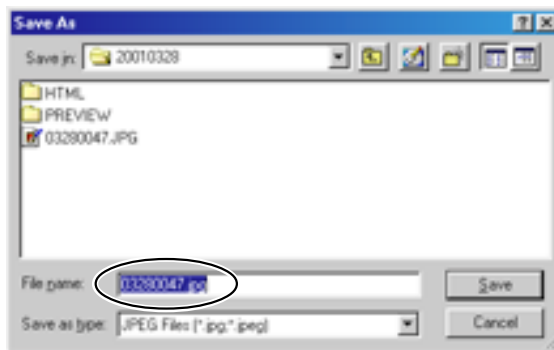
- The file formats that Photohands can save are the following:
JPEG, BMP, PNG.
* Images cannot be saved in TIFF format.
- The rate of compression can be adjusted by choosing JPEG. If the compression rate is set high, the file size will be smaller, however, the image quality will deteriorate. On the other hand, if you want to keep image resolution, set the compression rate to low (high image quality).

- When saving with **[Progressive DCT]**, the data displayed will gradually become clearer from a rough screen, when displaying on a home page.

3. Click the **[Next >>]** button.

- Click the **[Cancel]** button to cancel the action.

4. Enter a new file name.



IMPORTANT

- If you do not want to overwrite the original image, save the image on a different location on the computer's hard disk.
- To support the edited images in Photo Loader, start Photohands from Photo Loader, and after editing the images, overwrite them or save them under a different name. After that, re-edit them in Photo Loader.

5. Click the **[Save]** button.

- The file is saved with the name specified in Step 4.
- Click the **[Cancel]** button to close the box without saving.

■ Printing Images

This section describes how to print an image.

TIP

- Print an image displayed in the Preview window. Preview the image to be printed first. See "Displaying Images" on page 12.

IMPORTANT

- Another image cannot be printed until the image currently being edited has been printed. To print another image, quit the printing mode or save the image being edited to quit editing. See "Saving Images" on page 21.

1. Click the [Print] icon.

- The print dialog box appears.
- Set as necessary.



① Printer

Select the destination printer.

② Paper Orientation

Select "Height" or "Width".

③ Print Date

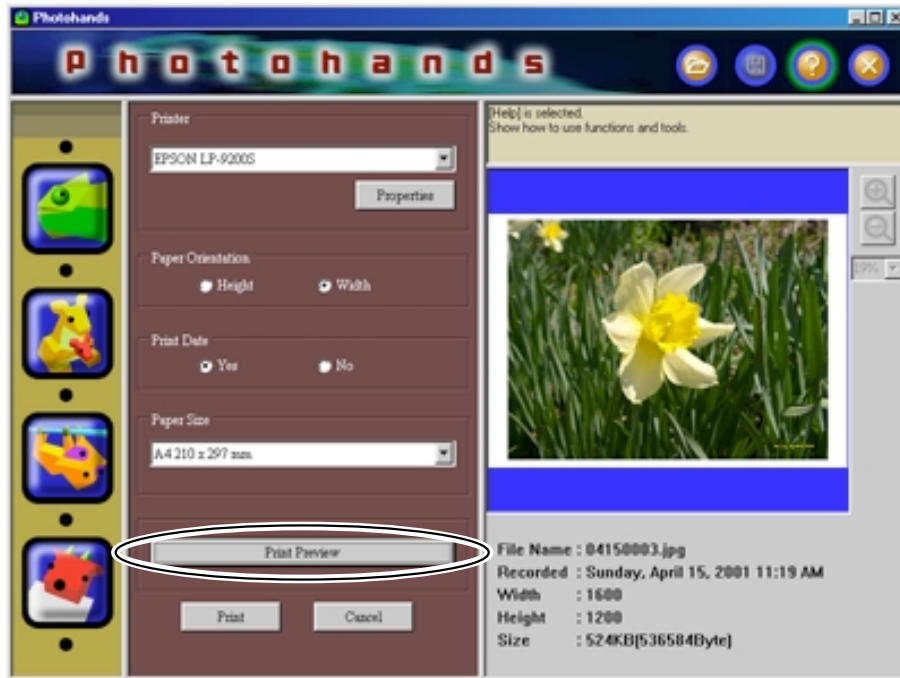
- You can set to print the date or not. You can also print the date when the image was taken with the camera.
- Depending on the printer, the date may be printed incorrectly. Be sure to read the printer's manual and change the printer's settings such as the printer's printing range.
- The date format printed when printing the date follows the date format of Windows (long date). For details, refer to the Windows user's manual or the Windows Help.

④ Paper Size

Set the paper size.

2. Click the [Print] button.

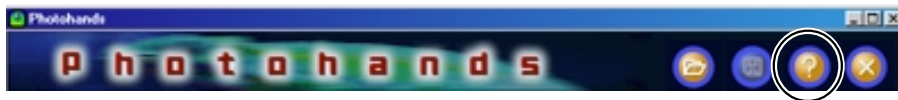
- Printing starts.
- Click the [Print Preview] button to show the print preview image.



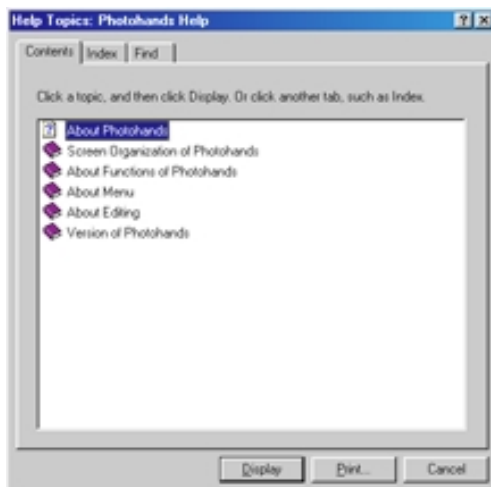
- Click the [Cancel] button to abandon the current action.

Getting Help

1. Click the [Help] icon.



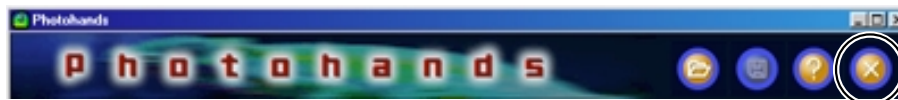
2. Double-click the item to be viewed.



The item double-clicked is displayed.

Quitting Photohands

1. Click the [Quit] icon.



Photohands quits.