macOS

UFRII LT/CARPS2 LBP Printer Driver

User's Guide

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Contents

Introduction 2

How to Use the Manual 3

Notations Used in the Manual 4

Disclaimers 5

Copyright 6

Trademarks 7

System Requirements of this Driver 9

Before Use 11

Installing and Adding a Printer 13

Requisite Tasks for Printing 14

Installing the Printer Driver 15

Adding a Printer 19

When Connecting with TCP/IP 20

When Connecting with USB 24

When Connecting with Bonjour 28

Uninstalling the Printer Driver 32

Basic Printer Operations 35

Getting Started 36

Automatically Setting the Options 37

Manually Setting the Options 38

Printing Procedures 39

Printing Multiple Pages on One Sheet 41

Performing 2-Sided Printing 42

Specifying the Paper Feed Settings 43

Adding a Preset 44

Useful Printing Functions 46

Specifying Custom Size Paper 47

Specifying the Print Quality 48

Specifying the Color Mode 50

Specifying the Color/Black & White Settings in Detail 51

Settings List 53

[Color Matching] preferences pane 54

[Paper Source] preferences pane 55

[Basic] preferences pane 56

[Advanced] preferences pane 57

Status Monitor 60

Starting Up the Statusmonitor 61

Setting Items 62

[File] Menu 63

[Job] Menu 64

[Printer] Menu 65

[Options] Menu 66

Maintenance 72

Cleaning the Fixing Roller 73

Cleaning the Transfer Belt 74

Performing Printer Calibration/Color Mismatch Correction 75

Printing Configuration Page Print/User Data List 76

Printing PCL Font List 77

Registering Paper Size 78

Displaying Consumables 79

Displaying Counters 80

Purchase Consumables 81

Appendix 83

Troubleshooting 84

Canon MF/LBP Network Setup Tool 86

Checking the IP Address 89

Introduction

Introduction 2
How to Use the Manual 3
Notations Used in the Manual 4
Disclaimers 5
Copyright 6
Trademarks 7

Introduction

- **How to Use the Manual(P. 3)**
- **Disclaimers(P. 5)**
- **Copyright(P. 6)**
- **Trademarks(P. 7)**

How to Use the Manual

This explains things that you need to know in order to use this manual.

Notations Used in the Manual(P. 4)

Notations Used in the Manual

This explains symbols and settings used in this manual.

Symbols Used in This Manual

In this manual, explanations of items and operations that must be followed while using the driver are set forth the symbols that indicate the following.

IMPORTANT

Indicates operational requirements and restrictions. Be sure to read these items carefully to operate the product correctly, and avoid damage to the product.

NOTE

Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.

About Settings

In this manual, setting names displayed on the computer screen are represented as shown in the following examples.

Example:

[Print]

[Settings]

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System Requirements of this Driver

System Requirements of this Driver 9

System Requirements of this Driver

The printer driver can be used in the following system environments:

Operating System Software

- macOS 11.7.11 and later

Hardware

- A computer guaranteed to operate using the above operating system.

> **NOTE**
>
> You can obtain the latest printer driver from the Canon Web site.

Interface

- When connecting with USB (The USB port on a computer)
  - Hi-Speed USB/USB
- When connecting to a network
  - Connector: 10BASE-T or 100BASE-TX
  - Protocol: TCP/IP (AppleTalk cannot be used)

> **NOTE**
>
> The printer performs bi-directional communication. Operation of the printer when connected via unidirectional communication equipment is not tested, and as a result, Canon cannot guarantee printer operation if the printer is connected using unidirectional print servers, USB hubs or switching devices.

Hard Disk/Memory

- One that has the sufficient space for the above operating system to run

Before Use

Before Use 11

Before Use

- The newest driver software is posted on the Canon web site. Please verify the operating environment etc. and download the appropriate software as required.

  Canon Global Site: https://global.canon/
- The functions that you can use may vary according to the following conditions.
  - The device you are using and its settings
  - The firmware version of the device
  - The option structure of the device
  - The driver version
  - The computer environment you are using
  - The application you are using
- The screen content, procedures, etc. displayed and described in the manual may differ from those actually displayed.

Installing and Adding a Printer

Installing and Adding a Printer 13
Requisite Tasks for Printing 14
Installing the Printer Driver 15
Adding a Printer 19
When Connecting with TCP/IP 20
When Connecting with USB 24
When Connecting with Bonjour 28
Uninstalling the Printer Driver 32

Installing and Adding a Printer

This section describes instructions for installing the driver.
To use the printer, you need to install the driver, then add the printer you are using in [System Settings].

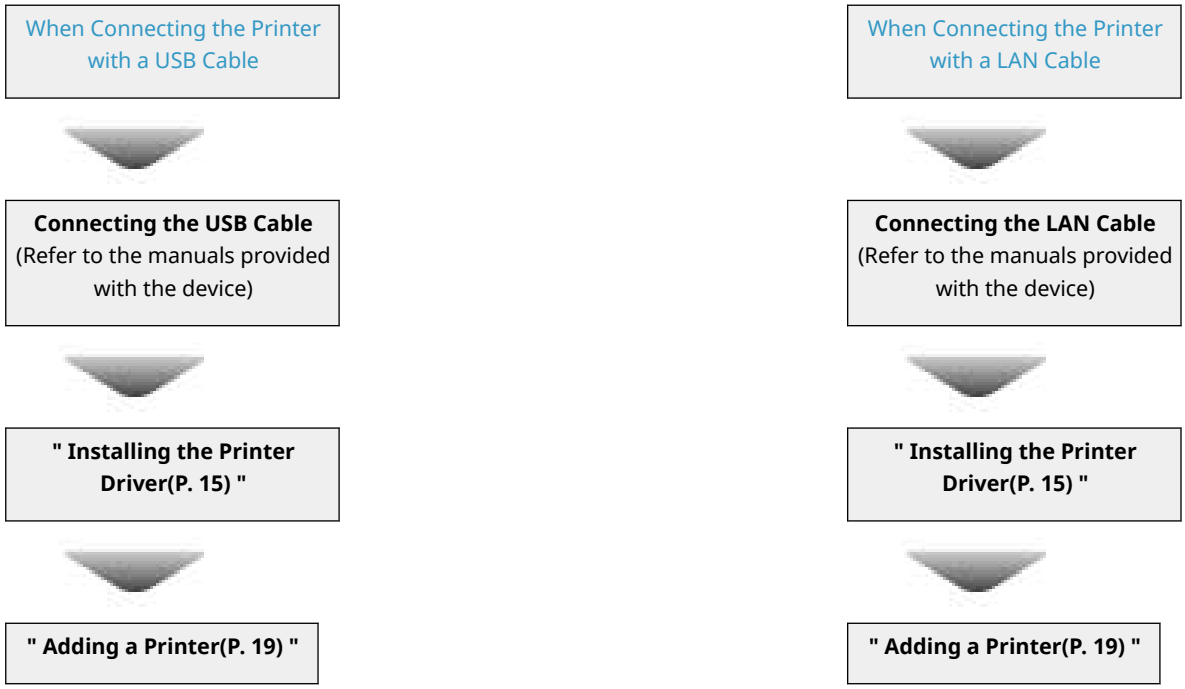
> **NOTE**
>
> Depending on the system environment you are using, the appearance of the displays used in this guide may slightly differ from the actual displays.
> Also, depending on the printer model you are using, functions may not correspond to the functions described in this guide and the functions you can use may differ from those described in this guide.

- **Requisite Tasks for Printing(P. 14)**
- **Installing the Printer Driver(P. 15)**
- **Adding a Printer(P. 19)**
  - **When Connecting with TCP/IP(P. 20)**
  - **When Connecting with USB(P. 24)**
  - **When Connecting with Bonjour(P. 28)**
- **Uninstalling the Printer Driver(P. 32)**

Requisite Tasks for Printing

After Installing the Printer

The following shows the tasks that should be performed after installing the printer:



Installing the Printer Driver

Before using the printer, you must install the printer driver for it.

IMPORTANT

- Close all the other applications before the installation.
- When you upgrade a driver, you can overwrite the old driver with a newer one. Uninstalling the driver is not required before the upgrade.
- To use the printer, you need to install the driver and add the printer (see " **Adding a Printer(P. 19)** ").

NOTE

Be sure to refer to the README file in the following folder before installing the printer driver.

- [SFP] →[Documents] → [english] → [README-ENG.html]

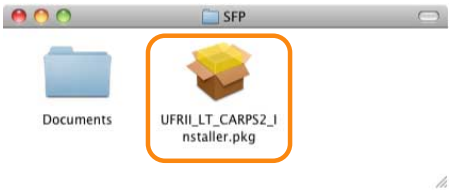
1 Turn the computer on.

2 If you are using the multi-user function, log in with an administrator account.

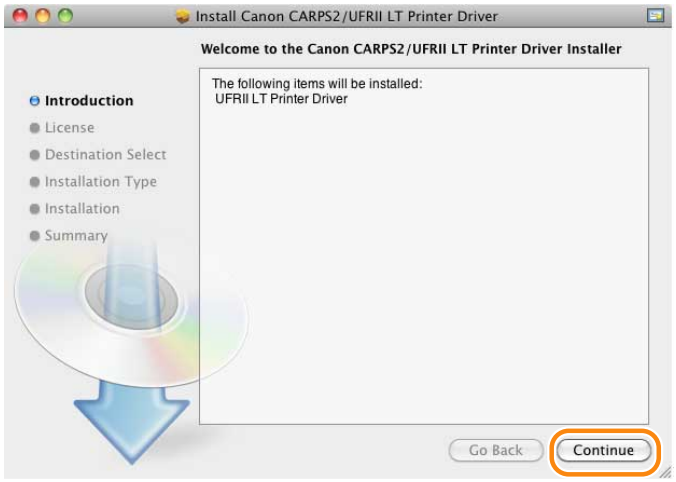
If you are not using the multi-user function, proceed to the next step.

3 Open the following folders: [SFP].

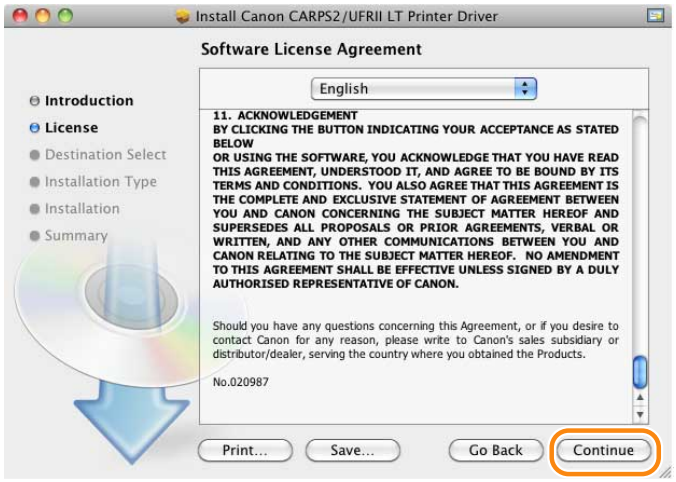
4 Double-click the [UFRII_LT_CARPS2_Installer.pkg] icon.



5 Click [Continue].



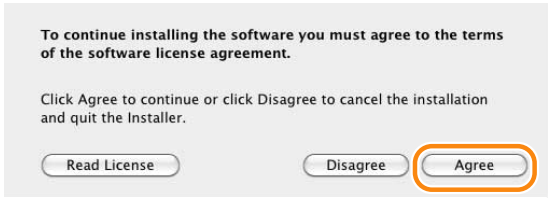
6 Read the software license agreement carefully → click [Continue].



NOTE

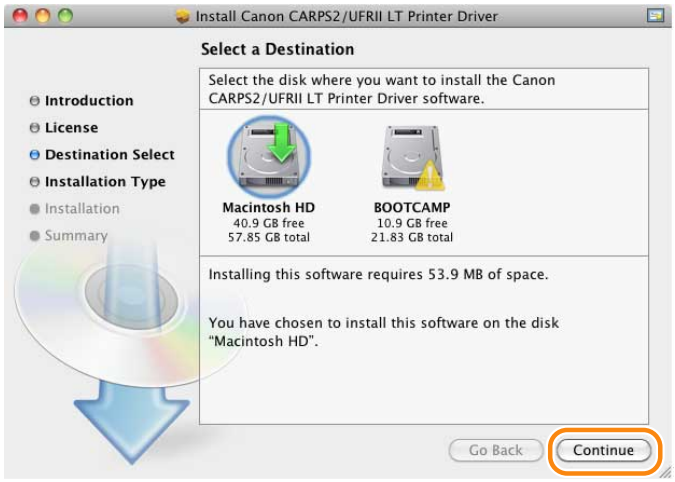
- Canon Software License Agreement is printed by clicking [Print].
- Canon Software License Agreement is saved in PDF format by clicking [Save].

7 If you agree to the terms of the software agreement → click [Agree].



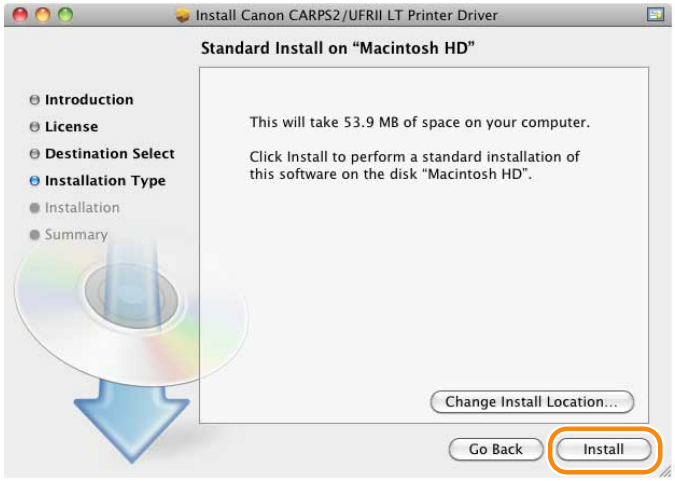
8 When the following screen appears → click [Continue].

※ The installation location cannot be changed. Click [Continue].



9 Click [Install].

※ The installation location cannot be changed even if the [Change Install Location] button displayed on the screen above.



10 When the following screen appears, enter the administrator's name and password → click [OK]([Install Software]).



Installation starts.

NOTE

Enter [Name] and [Password] specified on macOS here.

11 Click [Close].



The installation is now completed.

Before using the driver, you must add the printer in [System Settings].

When connecting with USB

Adding a printer in " **Adding a Printer(P. 19)** "

When connecting to a network

Set the IP address or perform the protocol settings. If the IP address has already been set or the protocol settings have already been specified, see " **Adding a Printer(P. 19)** " and adding a printer.

Adding a Printer

To use the printer, you need to install the driver, then add the printer you are using.

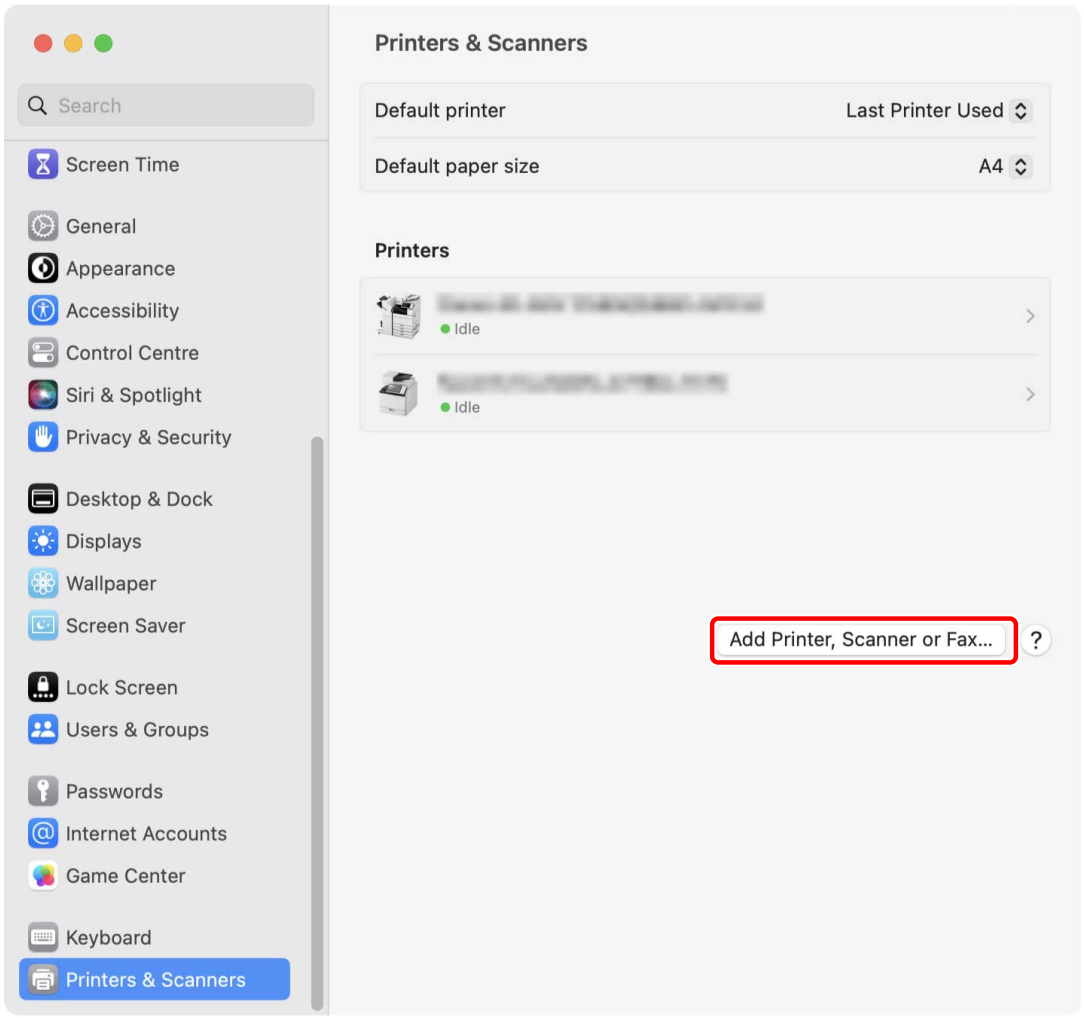
To add the printer, make sure that the printer and computer are connected and that the printer is ON.

When Connecting with TCP/IP(P. 20)
When Connecting with USB(P. 24)
When Connecting with Bonjour(P. 28)

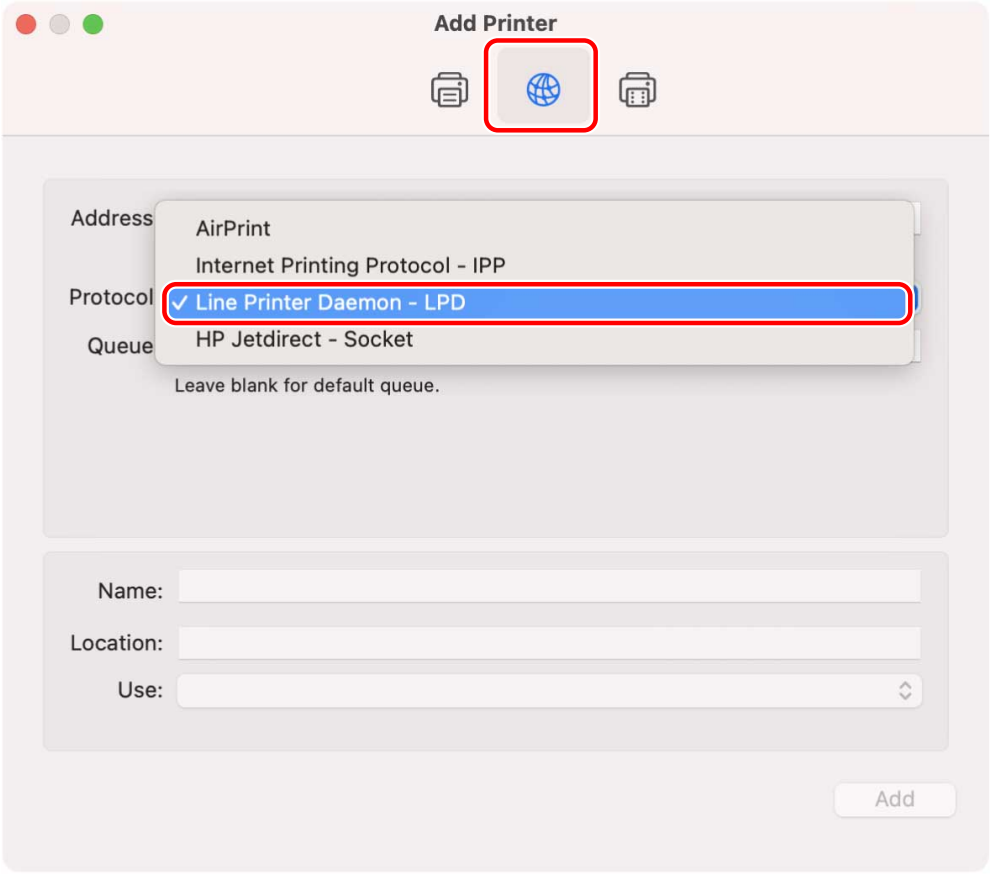
When Connecting with TCP/IP

1 **Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.**

2 **Click [Add Printer, Scanner, or Fax].**



3 **Click [IP], and then select [Line Printer Daemon – LPD] from [Protocol].**



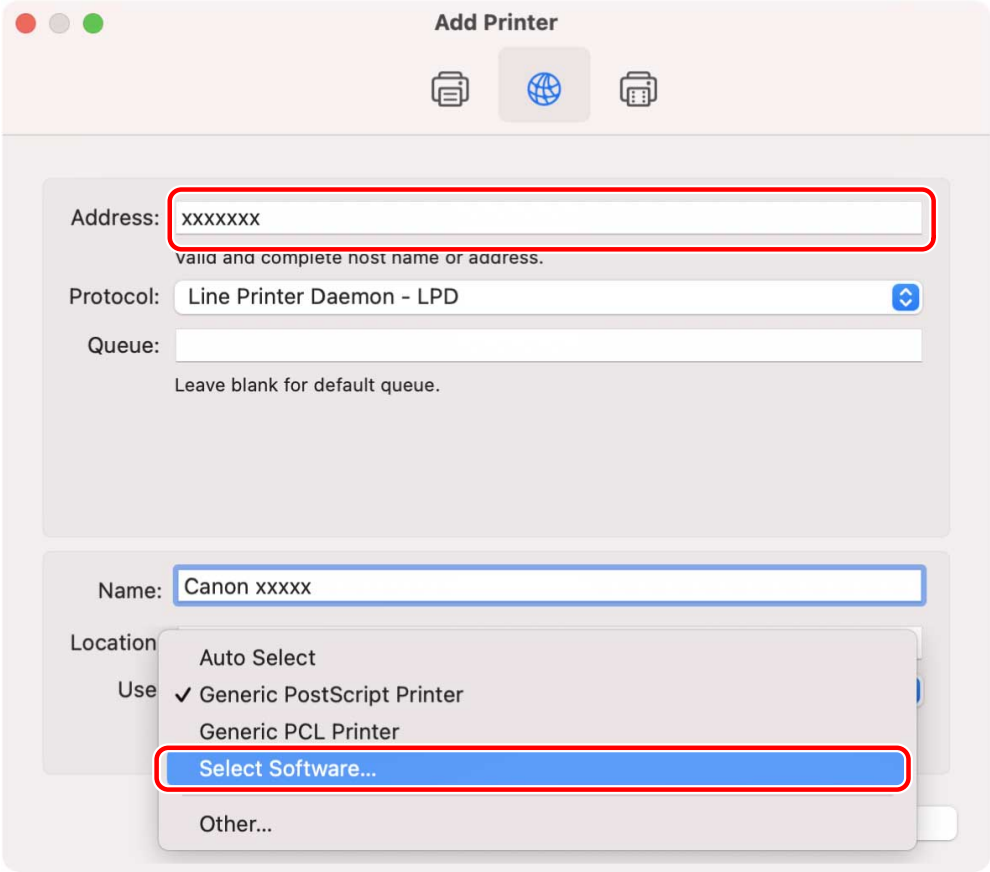
NOTE

[Internet Printing Protocol - IPP] is not supported.

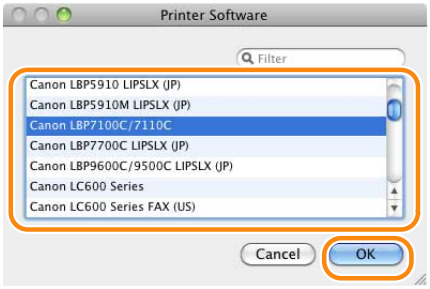
4 Enter the IP address of the printer you are using in [Address].

5 If the driver is not automatically selected, select the driver corresponding to the printer you are going to use.

(1) Select [Select Software] from [Use].



(2) Enter the number included in the model name of the printer in the search field, select the corresponding driver in the search results, and then click [OK].
For example, if the model name is "LBP7110C", enter "7110" and select "Canon LBP7100C/7110C" in the search results.

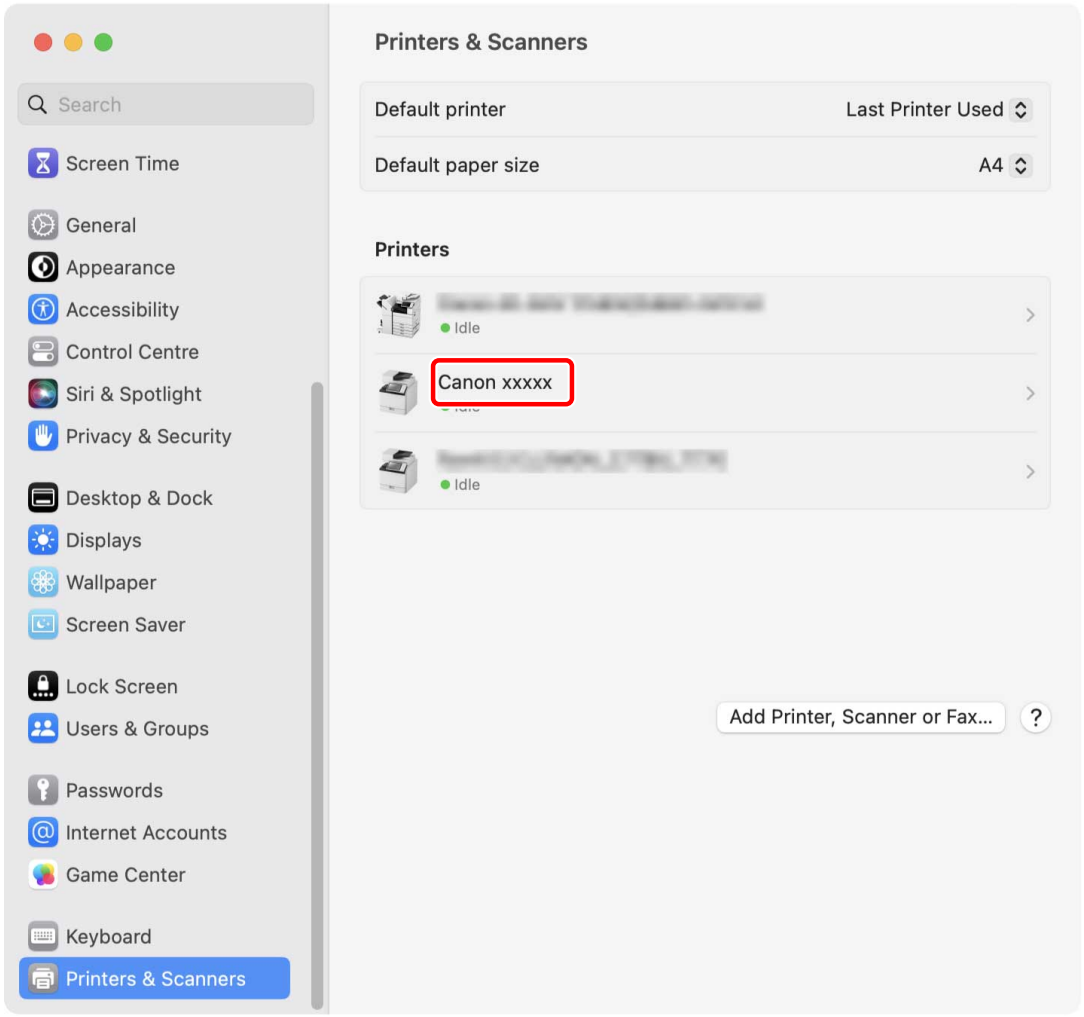


NOTE

Select a driver with a name starting with "Canon".

6 Click [Add].

7 Make sure that the printer to be used is displayed, then close the [Printers & Scanners] dialog box.



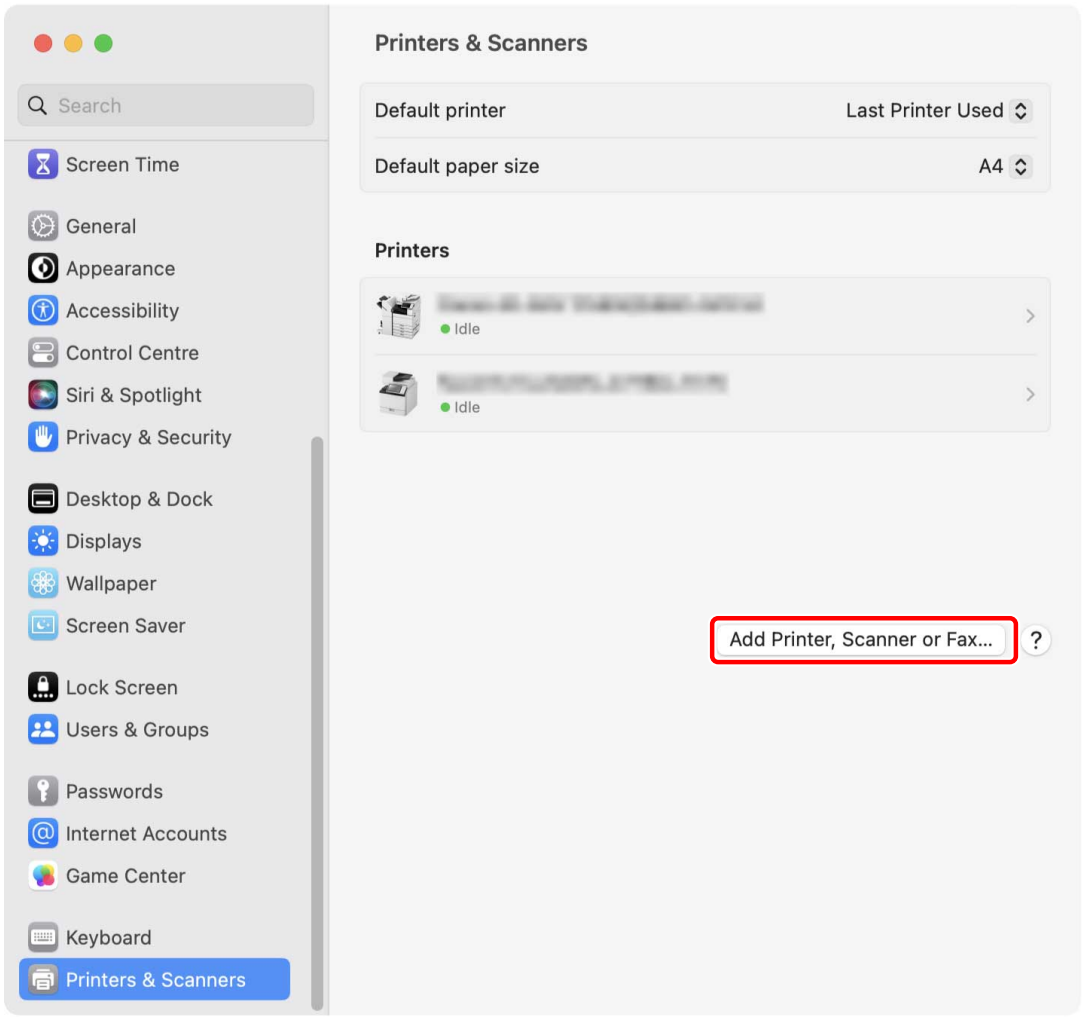
The printer is now ready to print from the computer.

When Connecting with USB

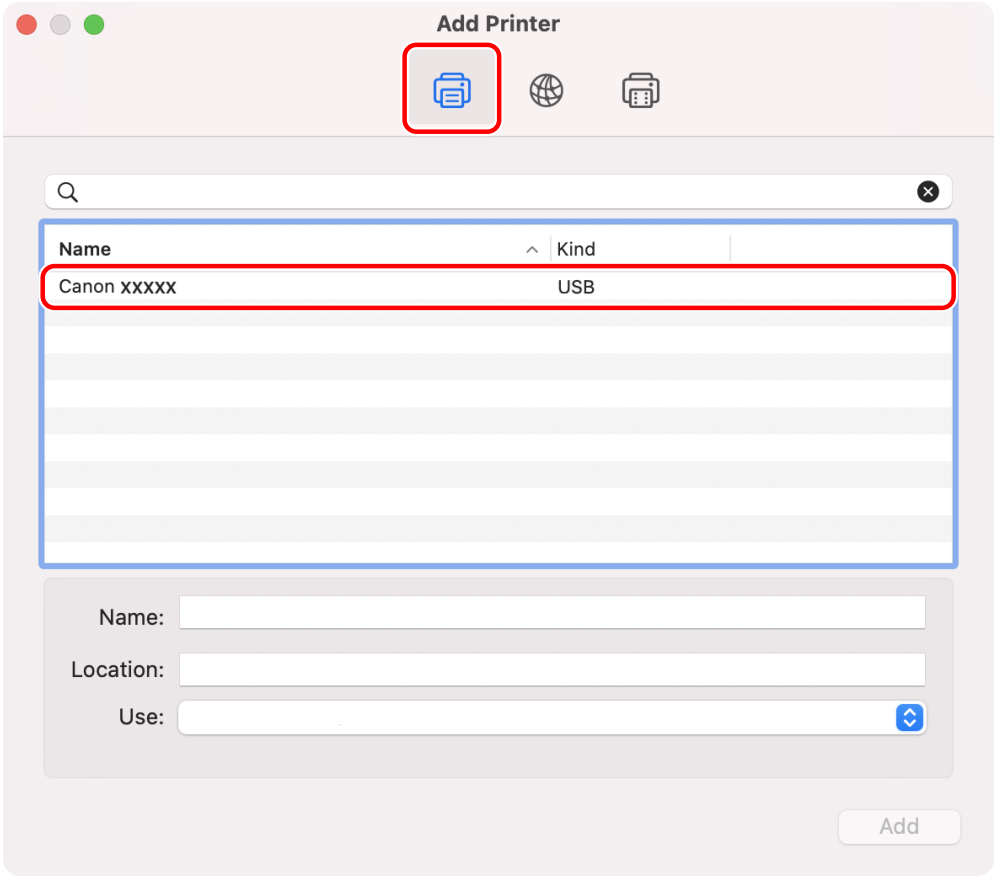
1 **Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.**

2 **Turn the printer on → connect the printer and the computer by USB cable.**

3 **Click [Add Printer, Scanner, or Fax].**



4 **Click [Default], and then select the printer to be used from the printer list.**

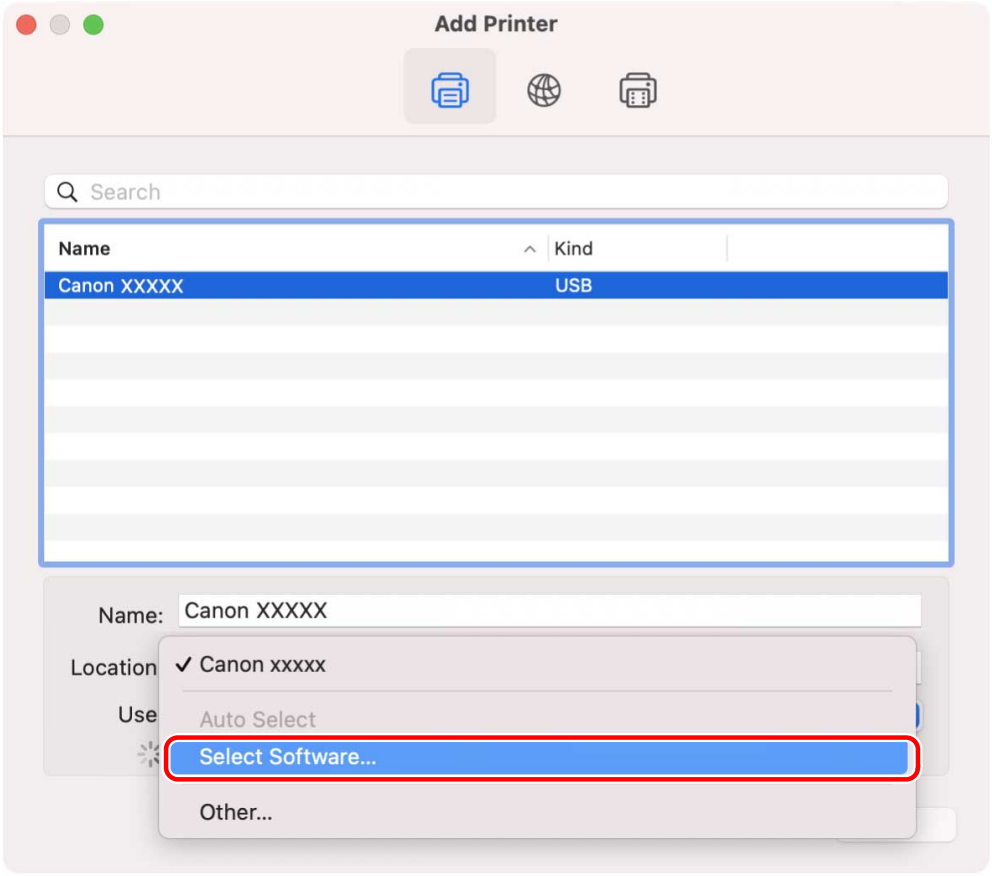


NOTE

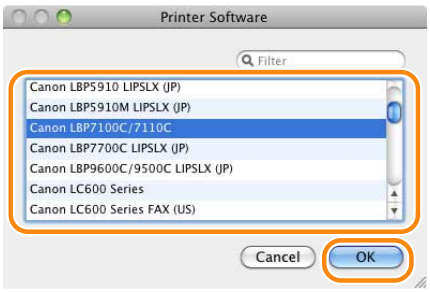
Select a device that has "USB" or "USB Multifunction" displayed in the [Kind] column.

5 If the driver is not automatically selected, select the driver corresponding to the printer you are going to use.

(1) Select [Select Software] from [Use].



(2) Enter the number included in the model name of the printer in the search field, select the corresponding driver in the search results, and then click [OK].
For example, if the model name is "LBP7110C", enter "7110" and select "Canon LBP7100C/7110C" in the search results.

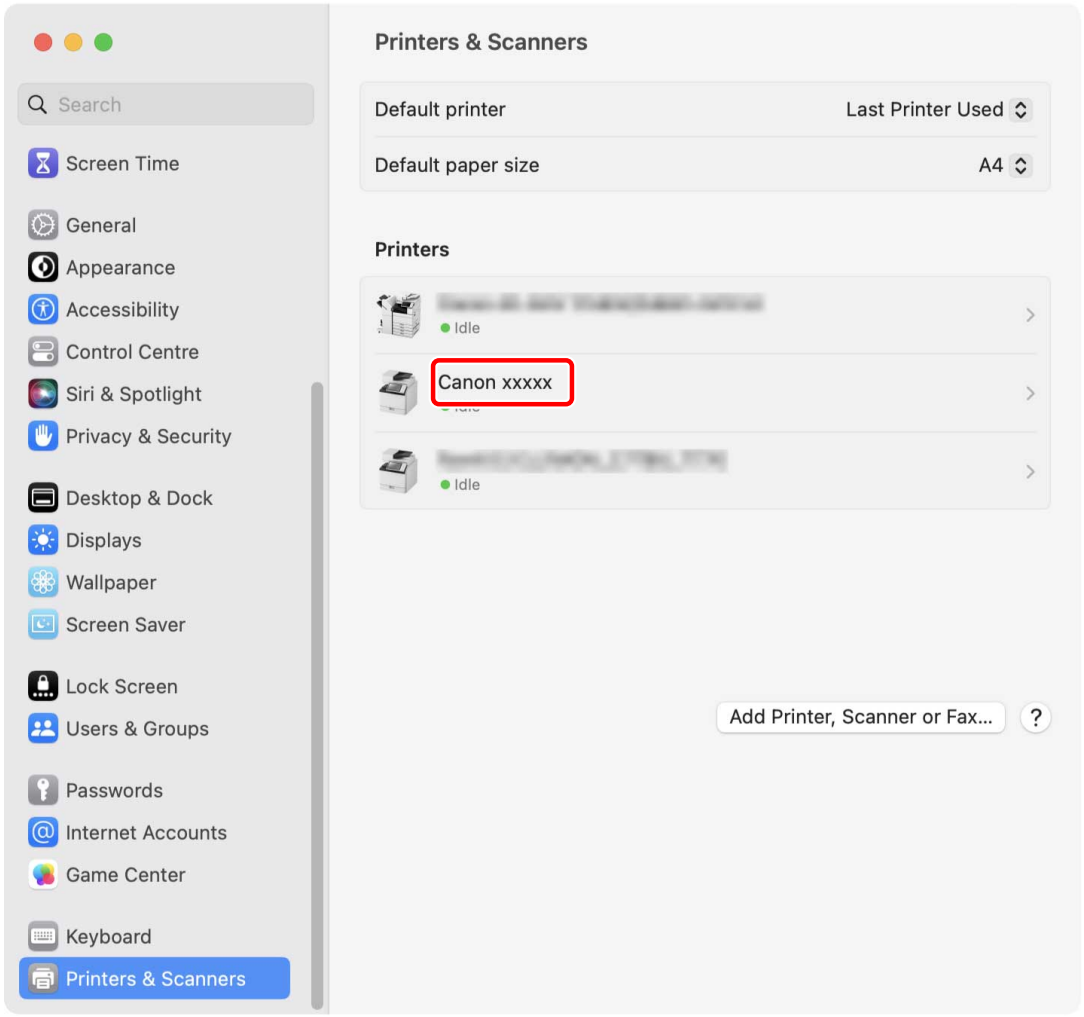


NOTE

Select a driver with a name starting with "Canon".

6 Click [Add].

7 Make sure that the printer to be used is displayed, then close the [Printers & Scanners] dialog box.

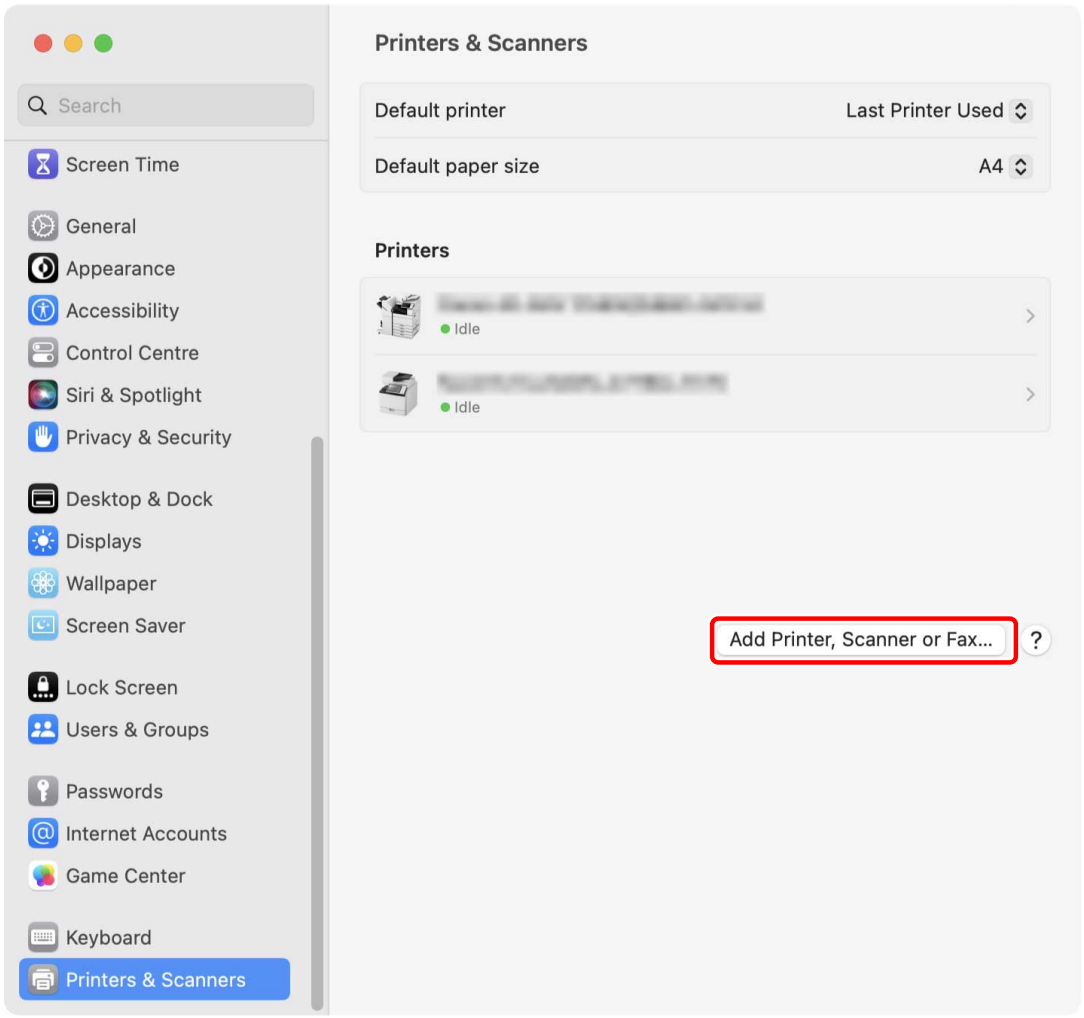


The printer is now ready to print from the computer.

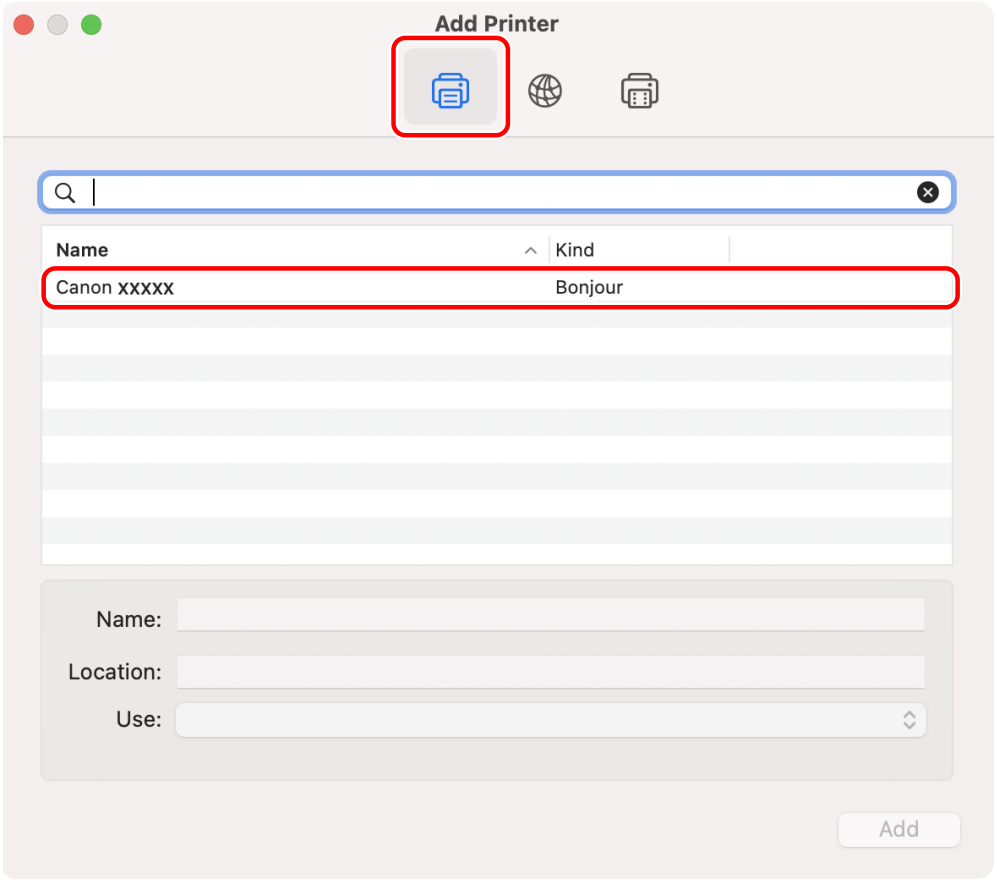
When Connecting with Bonjour

1 **Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.**

2 **Click [Add Printer, Scanner, or Fax].**



3 **Click [Default], and then select the printer to be used from the printer list.**

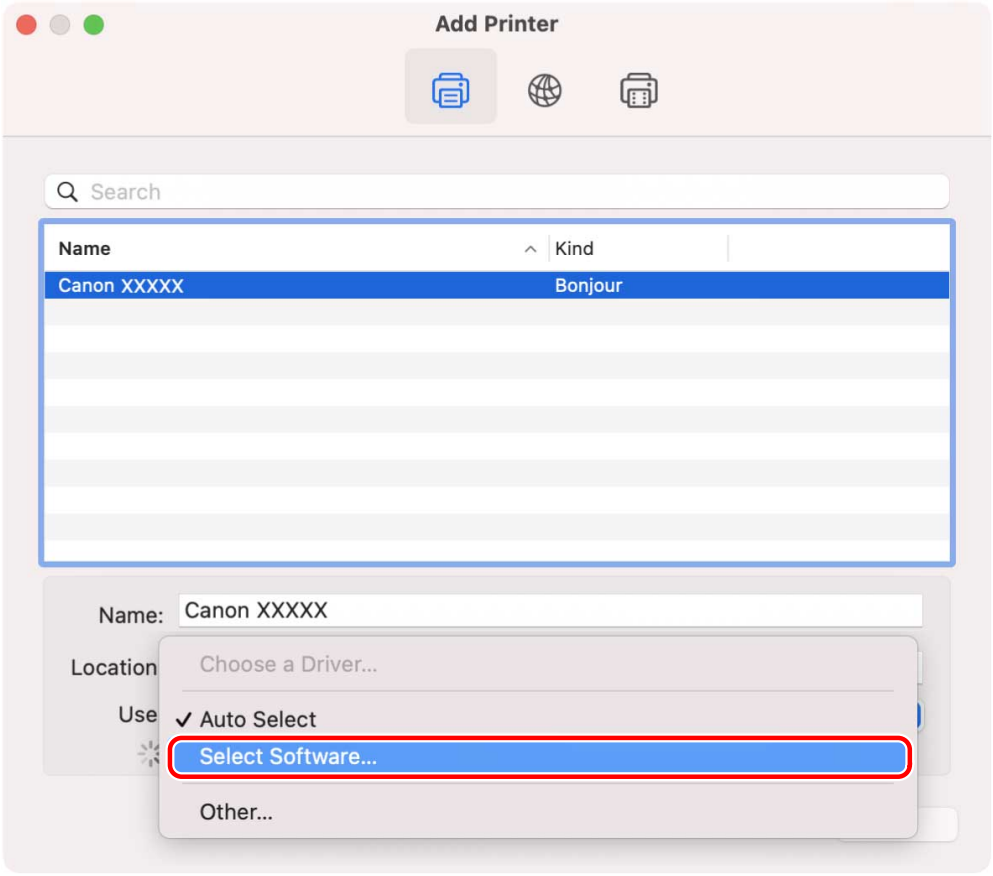


NOTE

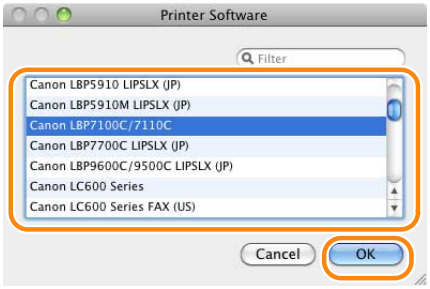
Select a device that has "Bonjour" or "Bonjour Multifunction" displayed in the [Kind] column.

4 If the driver is not automatically selected, select the driver corresponding to the printer you are going to use.

(1) Select [Select Software] from [Use].



(2) Enter the number included in the model name of the printer in the search field, select the corresponding driver in the search results, and then click [OK].
For example, if the model name is "LBP7110C", enter "7110" and select "Canon LBP7100C/7110C" in the search results.

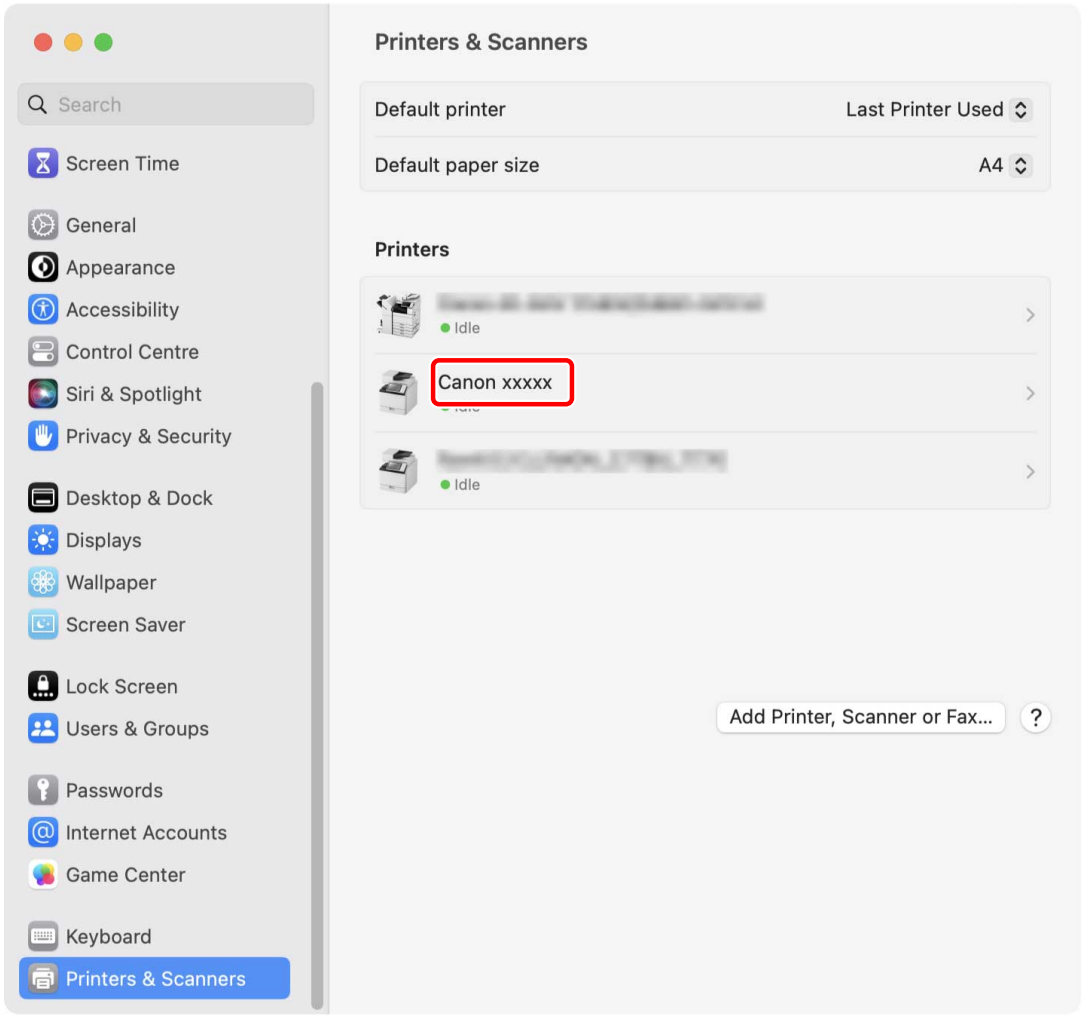


NOTE

Select a driver with a name starting with "Canon".

5 Click [Add].

6 Make sure that the printer to be used is displayed, then close the [Printers & Scanners] dialog box.



The printer is now ready to print from the computer.

Uninstalling the Printer Driver

It is recommended that you use the Installer to uninstall an unnecessary driver.

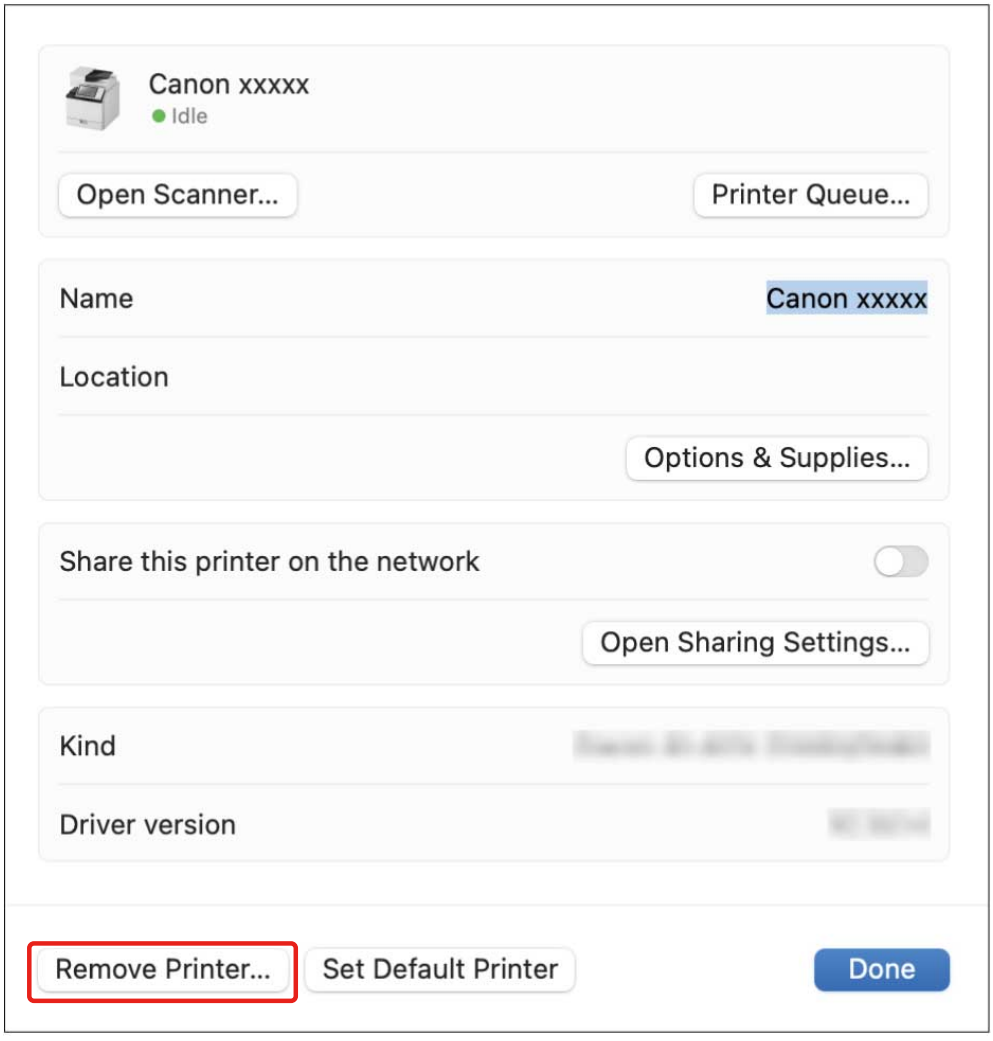
IMPORTANT

When you upgrade a driver, you can overwrite the old driver with a newer one. Uninstalling the driver is not required before the upgrade.

1 **Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.**

2 **Select the printer to uninstall.**

3 **In the displayed dialog box, click [Remove Printer].**



4 **Close the [Printers & Scanners] dialog box.**

5 Click "Finder" in "Dock".

6 Select [Go] → [Go to Folder] from the menu bar.

7 Enter the following folder locations to go to the desired folder, then delete the files and folders.

- **Delete Example:** You can delete files and folders by dragging them to "Trash" in "Dock".

Location	Files and folders to delete
/Library/Printers/Canon/	CUPS_SFP
/Library/Printers/PPDs/Contents/Resources/	CNPZN***ZN.ppd.gz
/usr/libexec/cups/backend/	canonoipnetzn
/usr/libexec/cups/backend/	canonoipusbzn
/Library/LaunchAgents/	jp.co.canon.CUPSSFP.BG.plist

※ Where *** indicates a character string that represents the printer model.

When a confirmation dialog box is displayed

Enter the administrator's name and password, and then click [OK].

8 Close all open windows.

9 Restart your computer.

The printer driver is uninstalled.

Basic Printer Operations

Basic Printer Operations 35
Getting Started 36
Automatically Setting the Options 37
Manually Setting the Options 38
Printing Procedures 39
Printing Multiple Pages on One Sheet 41
Performing 2-Sided Printing 42
Specifying the Paper Feed Settings 43
Adding a Preset 44

Basic Printer Operations

Explains basic printer operations.

> **NOTE**
>
> Depending on the system environment you are using, the appearance of the displays used in this guide may slightly differ from the actual displays.
> Also, depending on the printer model you are using, functions may not correspond to the functions described in this guide and the functions you can use may differ from those described in this guide.

- **Getting Started(P. 36)**
  - **Automatically Setting the Options(P. 37)**
  - **Manually Setting the Options(P. 38)**
- **Printing Procedures(P. 39)**
- **Printing Multiple Pages on One Sheet(P. 41)**
- **Performing 2-Sided Printing(P. 42)**
- **Specifying the Paper Feed Settings(P. 43)**
- **Adding a Preset(P. 44)**

Getting Started

You need to set the printer options attached to and the device.

If you are using the driver for the first time or want to change the options of the device, set the options so that you can use the functions of the device.

The setting procedure may differ depending on the device and usage environment thereof that you are using.

Automatically Setting the Options(P. 37)
Manually Setting the Options(P. 38)

Automatically Setting the Options

Depending on the device you are using, you can automatically set the device option information when you acquire printer information from Statusmonitor.

IMPORTANT

If you get the printer information using the procedure below, any options that you set manually afterward will not be applied to the driver. If you want to set the options manually, delete and add the printer again in [System Settings], then set the options manually without displaying the printer information.

1 Start up the Statusmonitor.

NOTE

For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

2 Select [Retrieve Printer Information] from the [Printer] menu of Statusmonitor.

The device option information is acquired.

Manually Setting the Options

1. **Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.**
2. **Select the device to use.**
3. **In the displayed dialog box, click [Options & Supplies].**
4. **Click [Options].**
5. **Set the options, and then click [OK].**

> **IMPORTANT**
>
> Be sure to select only those options that are actually set in the device.

> **NOTE**
>
> For the driver name corresponding to your device, refer to the Readme file.

Printing Procedures

This section describes the instructions for printing documents from application software.

The printing procedure varies depending on the application software you use. For details on the printing procedure, see the instruction manual supplied with the application software you use.

1 Select [Print] from the [File] menu of the application software.

The [Print] dialog box is displayed.

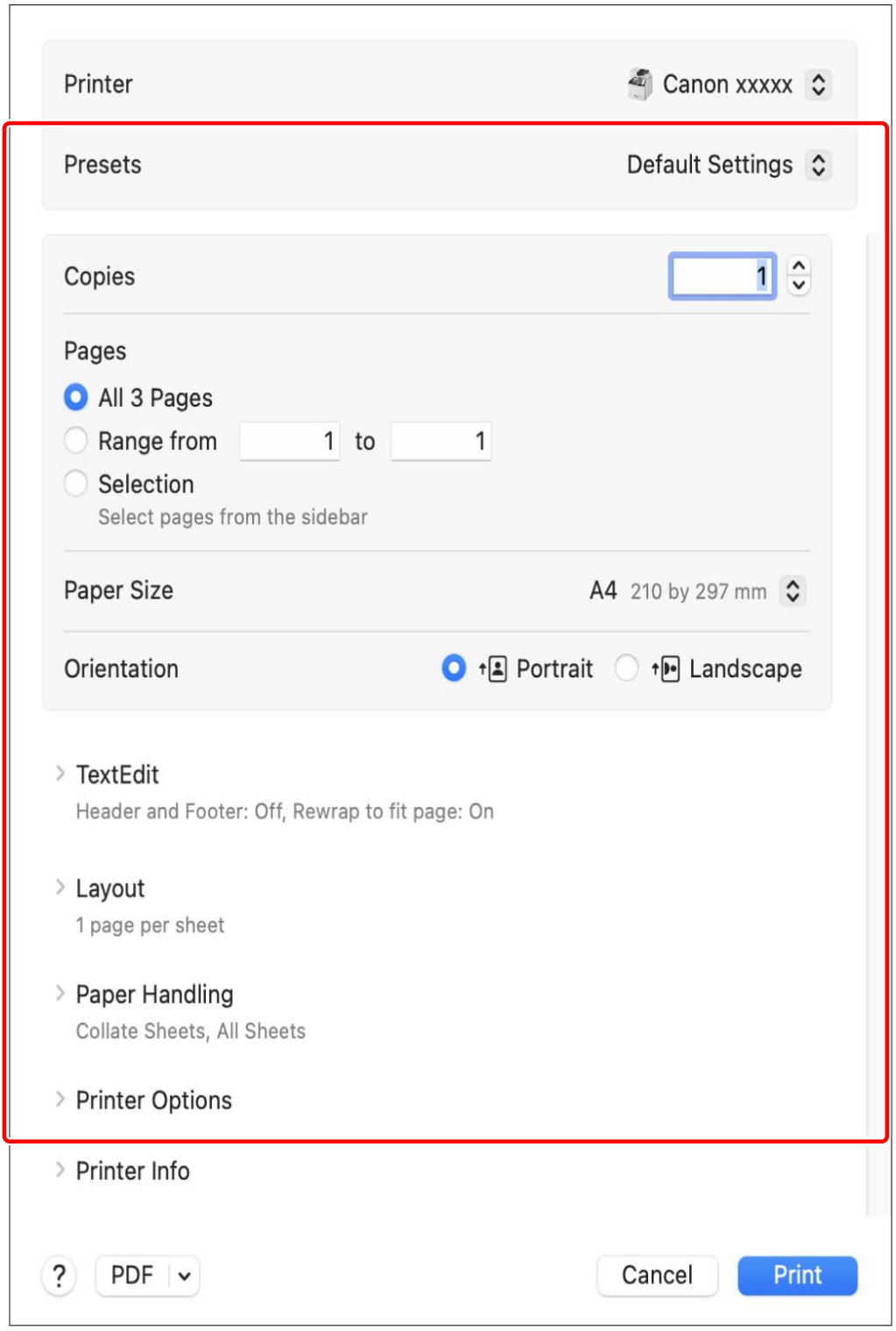
> **NOTE**
>
> The layout of the [Print] dialog box varies slightly depending on the application software you use.

2 Select the printer name from [Printer].

3 Specify the settings such as the range of pages to be printed and number of copies.

When printing using a preset, select the name of the preset you want to use from [Presets].

When configuring the print function of the device, click [Printer Options], and then configure the required items.



NOTE

- If the printer you use is not displayed, select [Add Printer] from [Printer], and then add the printer.
- If the functions you want to set are not displayed in the print options, configure the settings after enabling the device option, etc.

4 In the [Print] dialog box, click [Print].

Printing Multiple Pages on One Sheet

You can print multiple pages on one sheet of paper at a reduced size, aligned.

1 **Select [Print] from the [File] menu of the application software.**

The [Print] dialog box is displayed.

2 **Click [Layout] in the [Print] dialog box.**

3 **Select the number of pages to be printed on one sheet of paper from [Pages per Sheet].**

The number of pages that can be selected is 1, 2, 4, 6, 9, or 16 (Pages per Sheet).

4 **Select the layout direction from [Layout Direction].**

5 **When drawing page borders, select the type of line from [Border].**

6 **Click [Print].**

Performing 2-Sided Printing

1 **Select [Print] from the [File] menu of the application software.**

The [Print] dialog box is displayed.

2 **Click [Printer Options] in the [Print] dialog box → click [Basic].**

The [Basic] preferences pane is displayed.

3 **Select [2-sided Printing] from [Print Style].**

4 **Select [Long Edge] or [Short Edge] from [Binding Location].**

5 **Click [OK].**

Related Topics

[Basic] preferences pane(P. 56)

Specifying the Paper Feed Settings

If you have loaded A5 size, Statement size, or custom size paper in landscape orientation, specify the method for feeding paper using the following procedure.

1 Select [Print] from the [File] menu of the application software.

The [Print] dialog box is displayed.

2 Click [Printer Options] in the [Print] dialog box → click [Paper Source].

The [Paper Source] preferences pane is displayed.

3 Select the check box for the loaded paper.

4 Click [OK].

Related Topics

[Paper Source] preferences pane(P. 55)

Adding a Preset

You can register frequently used print settings in [Presets] and recall the settings when printing.
For example, if you frequently use 1-sided printing, registering the 1-sided print setting as a preset is convenient.
You can also set a preset you use frequently so that it is displayed and immediately available next time you print.

1 Select [Print] from the [File] menu of the application software.

The [Print] dialog box is displayed.

2 Select a print option → set the functions to register as a preset.

3 Select [Save Current Settings as Preset] from the [Presets] pop-up menu.

4 In the displayed dialog box, enter the name of the preset in [Preset Name] → select [Available For].

5 In [Type], select [Print Job Preset] → click [OK].

[Print Job Preset] is the preset used for general print jobs. To register a preset to use in combination with [Print Job Preset], select [Custom Preset] in [Type].

When you frequently use a registered preset, select the preset and print after executing the following procedure. Next time you print thereafter, it will be displayed in [Presets].

6 Select [Edit Preset List] from [Presets].

7 Disable [Reset Presets Menu to "Default Settings" After Printing], then click [OK].

Useful Printing Functions

Useful Printing Functions 46
Specifying Custom Size Paper 47
Specifying the Print Quality 48
Specifying the Color Mode 50
Specifying the Color/Black & White Settings in Detail 51

Useful Printing Functions

Explains useful printing functions.

> **NOTE**
>
> Depending on the system environment you are using, the appearance of the displays used in this guide may slightly differ from the actual displays.
> Also, depending on the printer model you are using, functions may not correspond to the functions described in this guide and the functions you can use may differ from those described in this guide.

Specifying Custom Size Paper(P. 47)
Specifying the Print Quality(P. 48)
Specifying the Color Mode(P. 50)
Specifying the Color/Black & White Settings in Detail(P. 51)

Specifying Custom Size Paper

For the document sizes on the application software, you can specify paper sizes arbitrarily as well as obtaining regular paper sizes provided by default. This arbitrarily specified paper size is called Custom Paper Size.

1 Select [Print] from the [File] menu of the application software.

The [Print] dialog box is displayed.

2 Select [Manage Custom Sizes] from [Paper Size].

3 Click [+] at the bottom of the displayed dialog box.

4 Specify the name of the custom paper size, details about the paper size, etc.

5 To specify another custom paper size, repeat Step 3.(P. 47) to 4.(P. 47) .

6 Click [OK].

The specified paper size is added.

Specifying the Print Quality

You can print documents that include pictures more clearly by specifying the gradation and print quality.

1 Select [Print] from the [File] menu of the application software.

The [Print] dialog box is displayed.

2 Click [Printer Options] in the [Print] dialog box → click [Advanced].

The [Advanced] preferences pane is displayed.

3 Specify the following settings as needed.

The following shows the settings.

[Use Output Adjustment Mode]	Performs a resolution conversion process. When this setting is selected, print jobs are output with priority given to image quality.
[Detect Paper Size]	Checks the paper size of the paper in the paper drawer and the paper size specified in the print data, and displays a message in the Statusmonitor if the paper size is different.
[Use Image Refinement]	Corrects the outlines of characters and graphics to make them smooth.
[Quality]	Specifies the resolution for when processing print data. **[600 dpi]:** This mode is appropriate for printing general text or charts at a high speed. **[1200 dpi]:** This mode reproduces text and outlines of diagrams clearly with a fine resolution. This mode is appropriate especially for printing data that contain many small letters.
[Density Fine Adjustment]	Enables you to adjust the print density for small-sized text and thin lines. ※ This setting can be specified only when [1200 dpi] in [Quality].
[Special Print Adjustment]	If text or diagrams are blurred when printing, this function adjusts printing to improve the result. Try [Mode 1] to [Mode 4] in that order.
[Special Print Adjustment A]/[Special Print Adjustment B]	If lines appear in the printed output, you can adjust the print settings to compensate.
[Special Print Adjustment A]	Thins out the dots when printing. Try [Mode 1] first.
[Special Print Adjustment B]	Strengthens toner fixing. Try [Mode 1] first.

[Wrinkle Adjustment]	If wrinkling occurs, causing paper jams, use this function to alleviate the wrinkling. Try [Mode 1] first.
[Special Print Mode]	**[Off]:** Printing is performed without special print processing. **[Special Settings 1]:** Select this setting when a printed barcode cannot be read. **[Special Settings 2]:** Select this setting to avoid whiting out the contours of text and images when printing documents with strong contrast. **[Special Settings 3]:** Select this setting to reduce operational noise when printing.
[Special Settings 1]	Fine lines may be printed thicker than they should be. If this happens, change the setting for this option. The line thickness correction effect increases in the following order. [Off] (Effect: Low) → [Mode 1] → [Mode 2] → [Mode 3] → [Mode 4] → [Mode 5] (Effect: High)
[Barcode Adjustment Mode]	Adjusts the thickness of the printed lines in cases where barcode printing is unsatisfactory.

4 Click [OK].

Related Topics

[Advanced] preferences pane(P. 57)

Specifying the Color Mode

1 Select [Print] from the [File] menu of the application software.

The [Print] dialog box is displayed.

2 Click [Printer Options] in the [Print] dialog box → click [Basic].

The [Basic] preferences pane is displayed.

3 Click [Settings].

4 Select the color mode from [Color Mode].

The following shows the settings.

[Black and White]	Prints in black and white, even for color print data.
[Color]	Prints in the four colors of CMYK (Cyan, Magenta, Yellow, and Black).
[Auto (Color/B&W)]	Switches either color printing or black and white printing automatically depending on the type of documents.

NOTE

- When [Auto (Color/B&W)] is selected, some black-and-white pages may be printed in the Full Color mode depending on the application you use.
- When [Auto (Color/B&W)] is selected, the print speed may be lower than when [Color] or [Black and White] is selected.

5 Click [OK].

Related Topics

[Basic] preferences pane(P. 56)

Specifying the Color/Black & White Settings in Detail

1 Select [Print] from the [File] menu of the application software.

The [Print] dialog box is displayed.

2 Click [Printer Options] in the [Print] dialog box → click [Basic].

The [Basic] preferences pane is displayed.

3 Click [Adjustments].

4 Specify the following settings as needed.

The following shows the settings.

[Brightness]	Adjusts the brightness for the print data. Adjust the brightness by dragging the [Brightness] slider from side to side. Move the slider to the right to make it lighter and to the left to make it darker.
[Contrast]	Adjusts the contrast for the print data. Adjust the contrast by dragging the [Contrast] slider from side to side. Move the slider to the right to make it higher and to the left to make it lower.

NOTE

The higher the contrast is, the greater the difference is between the dark parts and light parts, making the image sharper. By contraries, the lower the contrast is, the smaller the difference is between the dark parts and light parts.

5 Click [OK].

Related Topics

[Basic] preferences pane(P. 56)

Settings List

Settings List 53
[Color Matching] preferences pane 54
[Paper Source] preferences pane 55
[Basic] preferences pane 56
[Advanced] preferences pane 57

Settings List

[Color Matching] preferences pane(P. 54)
[Paper Source] preferences pane(P. 55)
[Basic] preferences pane(P. 56)
[Advanced] preferences pane(P. 57)

[Color Matching] preferences pane

This pane lets you apply color profiles.

[ColorSync]

Color is controlled from the application.

[Canon Color Matching]

Color is controlled from the printer.

[Profile]

You can specify a color profile you want to print with.

[Paper Source] preferences pane

You can specify the paper source settings such as the paper selection and paper type.

[Paper Source]

Select a paper source.

- [Auto]: Automatically selects a paper source.
- [Multi-purpose Tray]: Supply paper by hand.
- [Drawer 1] - [Drawer 4]: Supplies paper from the drawers.

[Paper Type]

Selects the paper type to be used for printing the document.

[Feed A5 Horizontally]

Specify the feeding direction of the paper (orientation) when using A5 size paper.

[Feed Statement Horizontally]

Specify the feeding direction of the paper (orientation) when using Statement size paper.

[Feed Custom Paper Horizontally]

When feeding custom size paper of the following sizes horizontally (in landscape orientation), select the check box for this option.

- Short edges: 5.0 and 8.5 in. (12.70 to 21.59 cm)
- Long edges: 5.0 and 8.5 in. (12.70 to 21.59 cm)

[Basic] preferences pane

Configure basic printing functions.

After clicking the [Settings] tab

[Paper Type]

Select the paper type to use for printing.

[Print Style]

Switch between one-sided and two-sided printing.

[Binding Location]

Select the orientation of the gutters.

[Color Mode]

Enables you to switch between color printing and grayscale (black and white) printing.

Selecting [Auto (Color/B&W)] enables the printer to automatically detect whether each page should be printed in color or grayscale.

[Toner Save]

The toner save mode is used to print a test page.

By using the toner save mode, you can print with print density adjusted. The print density adjustment effect increases in the following order (print becomes lighter).

Depending on the printer model you are using, switch between [Off] and [On].

[Mode 1] (Effect: Low)

↓

[Mode 2]

↓

[Mode 3] (Effect: High)

After clicking the [Adjustments] tab

[Brightness]

Drag the slider from side to side to adjust the brightness of the printed image.

[Contrast]

Drag the slider from side to side to adjust the contrast of the printed image.

[Advanced] preferences pane

Configure advanced printing functions.

[Use Output Adjustment Mode]

Performs a resolution conversion process. When this setting is selected, print jobs are output with priority given to image quality.

[Detect Paper Size]

Checks the paper size of the paper in the paper drawer and the paper size specified in the print data, and displays a message in the Statusmonitor if the paper size is different.

This function is useful if you want to continue printing with a different paper size.

[Use Image Refinement]

Corrects the outlines of characters and graphics to make them smooth.

[Quality]

Enables you to select the print resolution.

[Density Fine Adjustment]

Enables you to adjust the print density for small-sized text and thin lines.

> **NOTE**
>
> This setting can be specified only when [1200 dpi] in [Quality].

[Special Print Adjustment]

If text or diagrams are blurred when printing, this function adjusts printing to improve the result. Try [Mode 1] to [Mode 4] in that order.

[Special Print Adjustment A]/[Special Print Adjustment B]

If lines appear in the printed output, you can adjust the print settings to compensate.

- [Special Print Adjustment A]: Thins out the dots when printing. Try [Mode 1] first.
- [Special Print Adjustment B]: Strengthens toner fixing. Try [Mode 1] first.

[Wrinkle Adjustment]

If wrinkling occurs, causing paper jams, use this function to alleviate the wrinkling. Try [Mode 1] first.

[Special Print Mode]

[Off]

Printing is performed without special print processing.

[Special Settings 1]

Select this setting when a printed barcode cannot be read.

[Special Settings 2]

Select this setting to avoid whiting out the contours of text and images when printing documents with strong contrast.

[Special Settings 3]

Select this setting to reduce operational noise when printing.

[Special Settings 1]

Fine lines may be printed thicker than they should be. If this happens, change the setting for this option.

The line thickness correction effect increases in the following order.

[Off] (Effect: Low)

↓

[Mode 1]

↓

[Mode 2]

↓

[Mode 3]

↓

[Mode 4]

↓

[Mode 5] (Effect: High)

[Barcode Adjustment Mode]

Adjusts the thickness of the printed lines in cases where barcode printing is unsatisfactory.

Status Monitor

Status Monitor 60
Starting Up the Statusmonitor 61
Setting Items 62
[File] Menu 63
[Job] Menu 64
[Printer] Menu 65
[Options] Menu 66
Maintenance 72
Cleaning the Fixing Roller 73
Cleaning the Transfer Belt 74
Performing Printer Calibration/Color Mismatch Correction 75
Printing Configuration Page Print/User Data List 76
Printing PCL Font List 77
Registering Paper Size 78
Displaying Consumables 79
Displaying Counters 80
Purchase Consumables 81

Status Monitor

Explains how to use the Statusmonitor function.

> **NOTE**
>
> Depending on the system environment you are using, the appearance of the displays used in this guide may slightly differ from the actual displays.
> Also, depending on the printer model you are using, functions may not correspond to the functions described in this guide and the functions you can use may differ from those described in this guide.

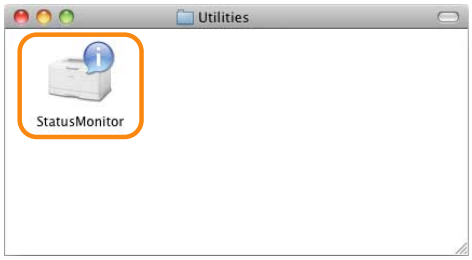
- **Starting Up the Statusmonitor(P. 61)**
- **Setting Items(P. 62)**
  - **[File] Menu(P. 63)**
  - **[Job] Menu(P. 64)**
  - **[Printer] Menu(P. 65)**
  - **[Options] Menu(P. 66)**
- **Maintenance(P. 72)**
  - **Cleaning the Fixing Roller(P. 73)**
  - **Cleaning the Transfer Belt(P. 74)**
  - **Performing Printer Calibration/Color Mismatch Correction(P. 75)**
- **Printing Configuration Page Print/User Data List(P. 76)**
- **Printing PCL Font List(P. 77)**
- **Registering Paper Size(P. 78)**
- **Displaying Consumables(P. 79)**
- **Displaying Counters(P. 80)**
- **Purchase Consumables(P. 81)**

Starting Up the Statusmonitor

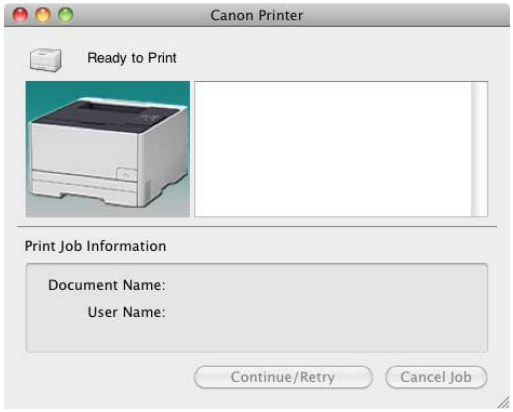
Start up the Statusmonitor using the following procedure.

1 From the hard disk you use, click [Library] → [Printers] → [Canon] → [CUPS_SFP], and then open the [Utilities] folder.

2 Double-click the [StatusMonitor] icon.



The [Statusmonitor] window is displayed.



NOTE

- You can also start up the Statusmonitor using the following procedures.
  - Select the printer you use in the [Printers & Scanners] dialog box, click [Options & Supplies], and then click [Utility] → [Open Printer Utility].
- If you register the Statusmonitor in "Dock" previously, you can start up the Statusmonitor only by clicking the icon in "Dock".
  If you create an alias for the Statusmonitor on the desktop previously, you can also start up the Statusmonitor only by double-clicking the alias.

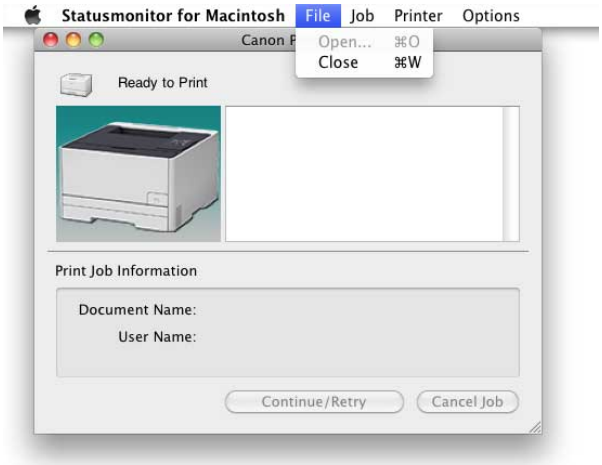
Setting Items

Explains how to set options when printing from the Statusmonitor.

[File] Menu(P. 63)
[Job] Menu(P. 64)
[Printer] Menu(P. 65)
[Options] Menu(P. 66)

[File] Menu

The following are the functions in the [File] menu of the Statusmonitor.



[Open]

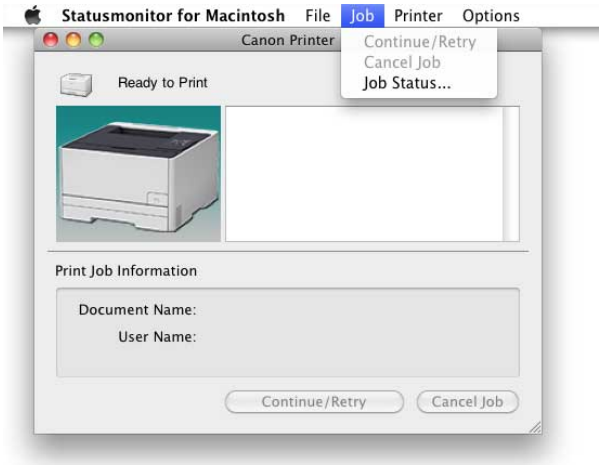
Opens the [Statusmonitor] window.

[Close]

Closes the [Statusmonitor] window.

[Job] Menu

The following are the functions in the [Job] menu of the Statusmonitor.



[Continue/Retry]

You can resume a job when it is paused for some reason during printing.

[Cancel Job]

Cancel a job.

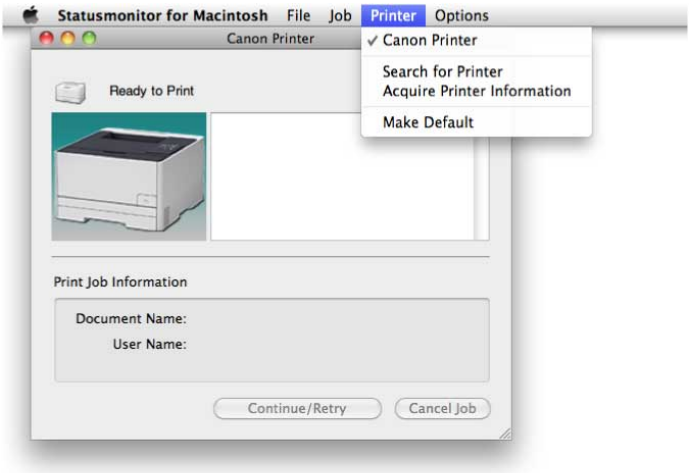
[Job Status]

Displays the [Job Status] Dialog Box.

You can check or delete a job with a status such as printing or waiting.

[Printer] Menu

The following are the functions in the [Printer] menu of the Statusmonitor.



Printer Name

Displays the printers that you can observe the progress of print jobs. If there are more than one printers, select the printer that you want to observe.

[Search for Printer]

Even if the target printer is not displayed in the [Printer] menu, you can search the printer by selecting [Search for Printer].

[Retrieve Printer Information]

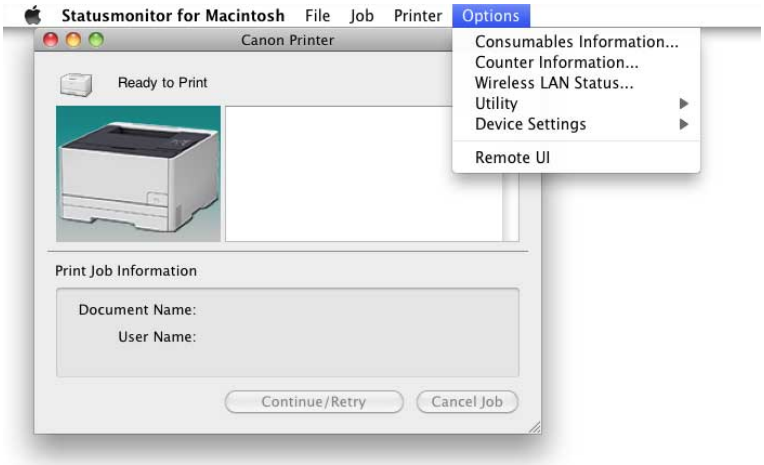
Obtains the current printer status.

[Make Default]

The currently displayed model is to be displayed when you start up the Statusmonitor.

[Options] Menu

The following are the functions in the [Options] menu of the Statusmonitor.



[Consumables Information]

You can check the statuses of the consumables.

[Counter Information]

Displays the total number of printed pages and so on.

[Wireless LAN Status]

Allows you to check the wireless LAN connection status (signal strength).

[Utility]

Enables you to clean the fixing roller, adjust the printing position, etc.

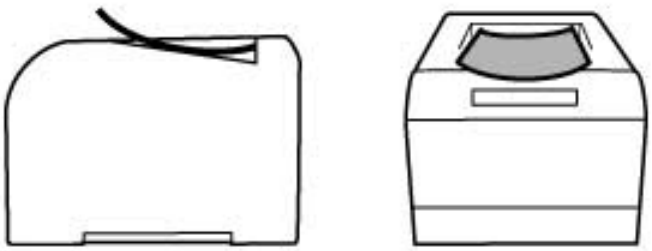
[Calibration]	Performs calibration of the printer manually. Perform calibration when the colors have changed and the data is not printed in the correct colors (specified colors).
[Color Mismatch Correction]	When a color mismatch occurs, this option allows you to correct it by adjusting the print start positions of each color.
[Cleaning]/[Cleaning 1]	If the front or back of the printed paper has smudge marks, clean the fixing roller of the printer.
[Cleaning 2]	If the transfer belt has dirt, this may result in deterioration in print quality. In this case, clean the transfer belt.
[Configuration Page Print]	Prints the current printer status such as the settings for [Device Settings] in the [Options] menu.

[Printing Position Adjustment Print]	You can print a printing position check sheet ("Printing Position Adjustment Print") and check the printing position.
[User Data List]	Prints the current printer status such as the settings for [Device Settings] in the [Options] menu.
[PCL Font List]	You can print a list to check the fonts available in PCL mode.
[Enter/Cancel Firmware Update Mode]	Enters or cancels firmware update mode.

[Device Settings]

Enables you to specify the printer settings or take measures against problems.

[Switch Paper Feed Method]	When you print on preprinted paper, you need to change the facing of the paper to load each time you perform 1-sided and 2-sided printing. However, if [Switch Paper Feed Method] is set to [Print Side Priority], the facing that you use for loading preprinted paper for 2-sided printing (logo side face down) can also be used for 1-sided printing.
[Action When Paper Size Mismatch Settings]	Set whether printing goes ahead if a paper size other than the size loaded in the paper source is selected. You can also set the machine not to go ahead with printing and instead display an alert message.
[Paper Source Settings]	You can perform operations such as registering the paper size and paper type that are set in the paper drawer. When printing on heavy paper with a rough surface, the toner may not be transferred sufficiently, resulting in blurred printing. If this happens, the problem may be improved by selecting the [Use Rough Paper] check box.
[Multi-purpose Tray Settings]	You can specify whether to prioritize paper feed from the multi-purpose tray when [Paper Source] in the printer driver's [Paper Source] panel is set to [Auto] (automatic paper source selection).
[Printing Position Adjustment]	You can adjust the printing position if it is skewed.
[Settings for Cancel Job Key]	You can specify whether to allow the use of the printer's Cancel Job key.
[Settings to Disable Wi-Fi Key]	You can specify whether to disable the printer's Wi-Fi key.
[Sleep Settings]	You can specify whether to use the sleep mode and the time until the printer enters the sleep mode.
[Auto Shutdown Settings]	You can specify whether to use auto shutdown and the time to switch to auto shutdown.
[Image Quality Adjustment Settings]	You can specify whether image quality adjustment should be performed at the specified time or immediately after the printer is turned ON.

[Warning Display Settings]	[Display Cartridge Replacement Notice]: Select whether to display a warning message when the consumables are nearing the end of its life. [Display Toner Cartridge Replacement Notice]: You can specify whether to display the message indicating that consumables need to be replaced. [Display End of Toner Cartridge Lifetime Warning]: Select whether to display a warning message when print quality cannot be guaranteed due to the consumables nearing the end of its life and so on.
[Warning Display Details]	You can specify the amount of remaining consumables to display the consumables replacement notice.
[Paper Size Override Settings]	You can specify whether to print by overriding the paper size if paper of the size specified in the printer driver is not set in the printer.
[Assisting Print Settings]	You can specify settings for improving problems in the printing results.
[Perform Curl Correction for Output Paper]	The following problems may occur depending on the operating environment (especially in a high-humidity environment) when 16.0 to 19.7 lb Bond (60 to 74 g/m^2) paper is printed. • Residual images appear on non-printed areas • Printed paper comes out wrinkled • Output paper curls as shown in either of the following figures Side View Front View  If any of these happens, the problem may be improved by selecting the check box for this option. When damp paper is printed, the printed paper may curl (the printed side may curl outward). If this happens, the problem may be improved by selecting the check box for this option.
[Prevent Poor Quality after Long Idle]	When printing after the printer is left unused for a long period of time, or depending on the paper type, thin lateral streaks (or lines) may appear in halftone or blank areas of the printed paper. If this happens, the problem may be improved by selecting the check box for this option.
[Perform Envelope Cling Prevention When Printing]	When printing envelopes, the flaps may stick to the body of the envelopes depending on the type of the envelopes or the operating environment (especially in a high-humidity environment). If this happens, the problem may be improved by selecting the check box for this option.

[Perform Envelope Wrinkle Reduction When Printing]	When printing envelopes, the envelopes may crease depending on the type of the envelopes or the operating environment (especially in a high-humidity environment). If this happens, the problem may be improved by selecting the check box for this option.
[Print in Quiet Mode]	Specify whether or not to print in the quiet mode. If the check box is selected, you can reduce the printing noise compared to when the check box is not selected.
[Reduce Toner Spots Around Text]	Depending on the paper type (especially for heavy paper) or the operating environment (especially in a low-humidity environment), smudge marks of spattering toner may appear around the text or patterns. If this happens, the problem may be improved by selecting the check box for this option.
[Fine Line Blur Correction]	If blurred lines or contours appear on the printout, changing the setting for this option may improve the problem.
[Dark Print Reduction Mode]	If printouts are grayish, changing the setting for this option may improve the problem. Select the appropriate mode for the paper you use.
[Plain L Adjustment Mode]	If paper jams occur when you perform 1-sided printing with [Plain L] or [Plain L2] selected, changing the setting for this option may improve the problem. Normally, [Mode 1] is selected for automatic adjustment, but you can change the setting to suit your environment. The improving effect is greater with [Mode 3] than with [Mode 2].
[Select Line Width]	If printed barcodes cannot be scanned, changing the setting for this option may improve the problem.
[Special Print Adjustment A]	If vertical streaks appear on the printout, changing the setting for this option may improve the problem. The improving effect is least with [Mode 1] and greatest with [Mode 4]. Try the adjustment starting with [Mode 1].
[Use Plain L 2-sided Adjustment Mode]	If paper jams occur when you perform 2-sided printing with [Plain L] or [Plain L2] selected, selecting the check box for this option may improve the problem.
[Use Transfer Adjustment Mode]	If printouts are faded in stripes, selecting the check box for this option may improve the problem.
[Remove Dirt]	If the front or back side of the printed paper has smudge marks, selecting the check box for this option may improve the problem.
[Clean Pressure Roller]	Select whether to always clean the rollers inside the printer. If you mind the operation noise escaping from the printer after printing is completed, you can use the printer with the check box for this option cleared. In this case, however, smudge marks may appear on the printout.
[Clean Drum]	If thin lateral streaks (or lines) appear in halftone or blank areas of the printout, selecting the check box for this option may improve the problem.
[Use High Density Mode]	If materials inside the toner cartridge have deteriorated, the printout may be faded as a whole. In this case, selecting the check box for this option may improve the problem.
[Adjust Standby Temperature]	If the printer does not receive data for a certain length of time, its internal temperature drops and therefore it may take some time for the printer to start printing after receiving the next print command. If the check box for this option is selected, the printer's internal temperature is maintained even during standby state, ensuring no delay in the start of printing.

[Curl Correction]	If the printed paper curls, selecting the check box for the paper source from which the paper was fed may improve the problem.
[Special Print Adjustment V]	If the printed paper curls or wrinkles, changing the setting for this option may improve the problem. The improving effect is least with [Mode 1] and greatest with [Mode 3]. Try the adjustment starting with [Mode 1].
[Special Print Adjustment]	If vertical streaks appear on the printout, changing the setting for this option may improve the problem. The improving effect is least with [Mode 1] and greatest with [Mode 4]. Try the adjustment starting with [Mode 1].
[Special Print Adjustment B]	After replacing the toner cartridge or when using a toner cartridge after a long time, vertical streaks may appear on printed documents. In this case, changing the setting for this option may improve the problem. The improving effect is least with [Mode 1] and greatest with [Mode 3]. Try the adjustment starting with [Mode 1].
[Use Special Print Adjustment D]	If vertical streaks appear on the printout, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment U]	Depending on the paper type (especially for heavy paper) or the operating environment (especially in a low-humidity environment), smudge marks of spattering toner may appear around the text or patterns. In this case, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment I]	Depending on the paper type (especially when using thin or curled paper), paper jams may occur frequently when performing 2-sided printing. In this case, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment J]	Printed paper may be spotted when printing thin lines or light images. In this case, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment K]	Depending on the environment (especially in low temperature environments), toner may not be fixed sufficiently and output may be less clear. In this case, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment G]	Printing paper with a lot of paper dust may cause the image to be faint or streaks to appear. In this case, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment Q]	Depending on the paper type (especially for rough surface), images may be faded. In this case, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment T]	Depending on the environment (especially in a humid environment), printing may be uneven. In this case, selecting the check box for this option may improve the problem.
[Use Special Print Adjustment L]	Printing paper with dust or dirt on it may cause dirt to appear in print results. In this case, selecting the check box for this option may improve the problem.
[Mobile Print Settings]	You can specify the image processing when printing from a mobile device with Mopria®, etc. Select [Gradation] for photos and illustrations, and [Error Diffusion] for mostly text documents for more attractive printouts.
[Select Language for User Data List]	You can select the display language used for User Data List.

[Remote UI]

Starts the Remote UI.
The Remote UI is software that allows you to manage the printer using a web browser.

For details on the Remote UI, refer to the manuals provided with the device.

NOTE

If the printer is registered with a Bonjour connection, the Remote UI cannot be started up from the [Options] Menu.

- Start up the Remote UI using either of the following methods.
- Select the printer you use in the [Printers & Scanners] dialog box, click [Options & Supplies], and then click [Show Printer Web Page] in the [General] tab.

Maintenance

This section describes printer maintenance.

Cleaning the Fixing Roller(P. 73)
Cleaning the Transfer Belt(P. 74)
Performing Printer Calibration/Color Mismatch Correction(P. 75)

Cleaning the Fixing Roller

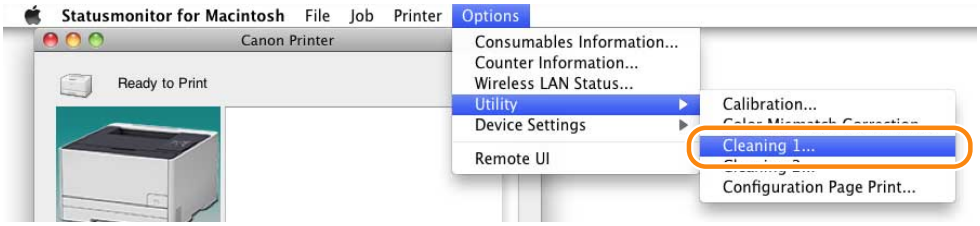
Clean the fixing roller using the following procedure when the front or back of printouts has smudge marks.

1 Load a sheet of Letter/A4 size paper in the printer.

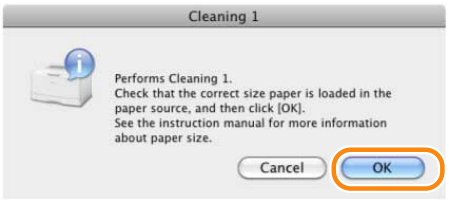
2 Start up the Statusmonitor.

> **NOTE**
>
> For details on the procedure for starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

3 From the [Options] menu of the Statusmonitor, select [Utility] → [Cleaning] or [Cleaning 1].



4 Click [OK].



The paper is fed into the printer, and the printer starts cleaning the fixing roller.

> **NOTE**
>
> Cleaning the fixing roller cannot be canceled. Please wait until it is completed. (The cleaning is finished when the paper is output completely.)

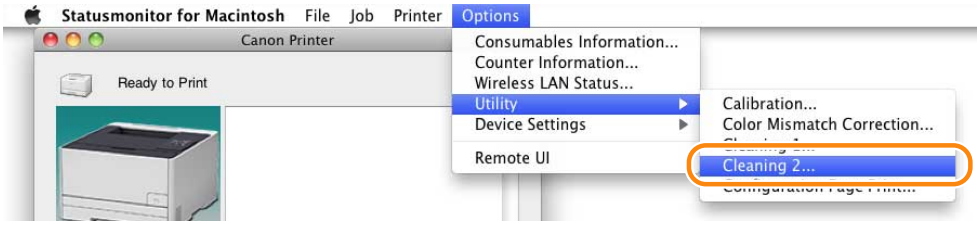
Cleaning the Transfer Belt

If the transfer belt has dirt, this may result in deterioration in print quality. In this case, clean the transfer belt using the following procedure.

1 Start up the Statusmonitor.

> **NOTE**
>
> For details on the procedure for starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

2 From the [Options] menu of the Statusmonitor, select [Utility] → [Cleaning 2].



3 Click [OK].



The message <Cleaning> appears, and the cleaning starts. When the message is cleared, the cleaning is completed.

> **NOTE**
>
> Cleaning the transfer belt cannot be canceled. Please wait until it is completed.

Performing Printer Calibration/Color Mismatch Correction

Perform calibration or correct the phenomenon of "Color Mismatch Correction" when the colors have changed and the data is not printed in the correct colors (specified colors) or a phenomenon of "Color Mismatch Correction" occurs.

IMPORTANT

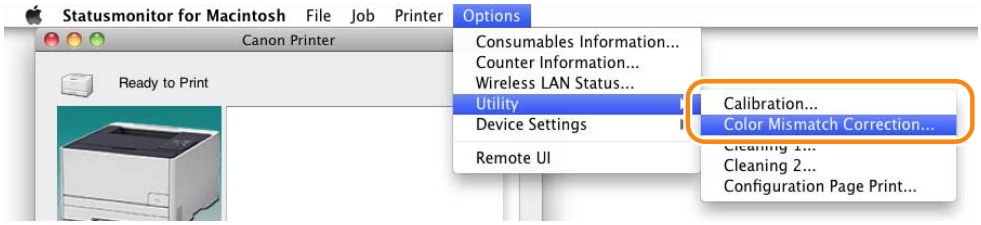
If calibration is performed or a phenomenon of "Color Mismatch Correction" is corrected frequently, this may affect the life of the toner cartridges.

1 Start up the Statusmonitor.

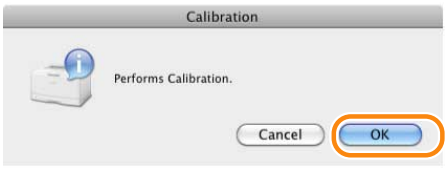
NOTE

For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

2 From the [Options] menu of the Statusmonitor, select [Utility] → [Calibration] or [Color Mismatch Correction].



3 Click [OK].



The calibration starts.

Printing Configuration Page Print/User Data List

Configuration Page Print/User Data List shows the settings of the printer unit and other current printer information.

NOTE

Configuration Page Print/User Data List is designed to be printed on Letter/A4 paper. Be sure to use Letter/A4 paper.

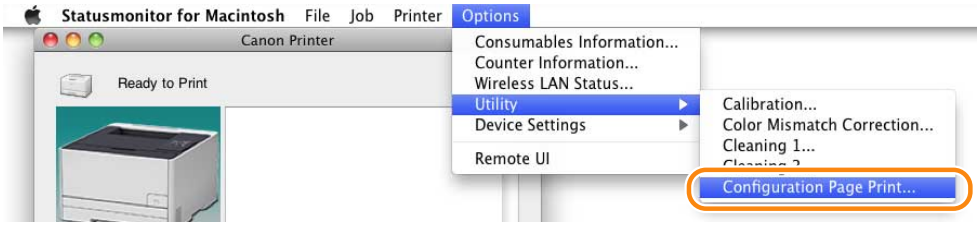
1 Load a sheet of Letter/A4 size paper in the printer.

2 Start up the Statusmonitor.

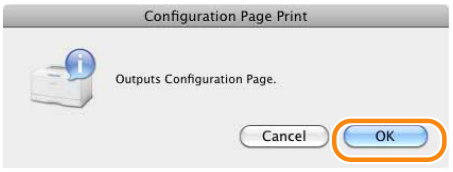
NOTE

For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

3 From the [Options] menu in the Statusmonitor, select [Utility] → [Configuration Page Print] or [User Data List].



4 Click [OK] to print Configuration Page Print or User Data List.



Printing PCL Font List

In the PCL Font List, PCL font type samples are printed.

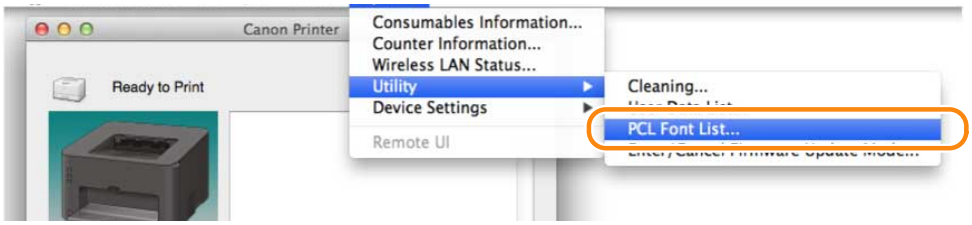
> **NOTE**
>
> PCL Font List is designed to be printed on Letter/A4 paper. Be sure to use Letter/A4 paper.

1 Load a sheet of Letter/A4 size paper in the printer.

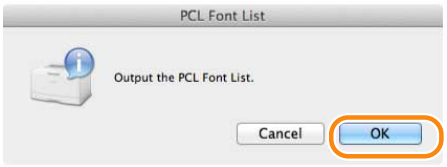
2 Start up the Statusmonitor.

> **NOTE**
>
> For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

3 From the [Options] menu in the Statusmonitor, select [Utility] → [PCL Font List].



4 Click [OK] to print PCL Font List.



Registering Paper Size

The paper drawers of some models cannot automatically detect the paper size and type. Therefore, you need to register the size and type of the loaded paper.
Register the paper size and type using the following procedure.

NOTE

Make sure that the printer is not printing, since a paper size cannot be added during a print job.
However, you can add a paper size during a print job when one of the following messages is displayed.

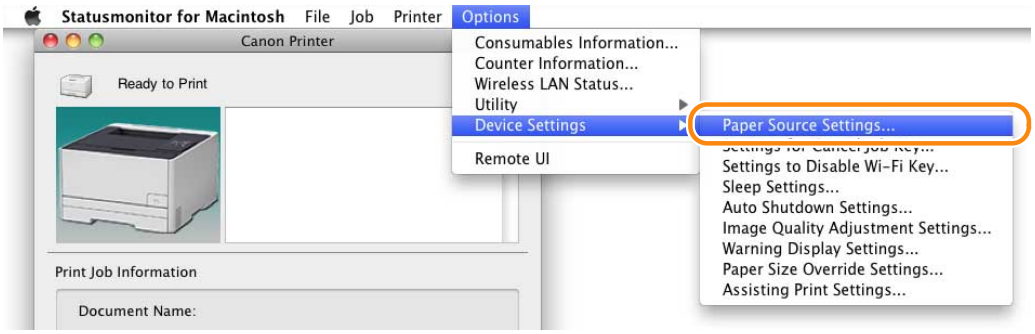
- Specified Paper Incorrect
- Out of Paper

1 Start up the Statusmonitor.

NOTE

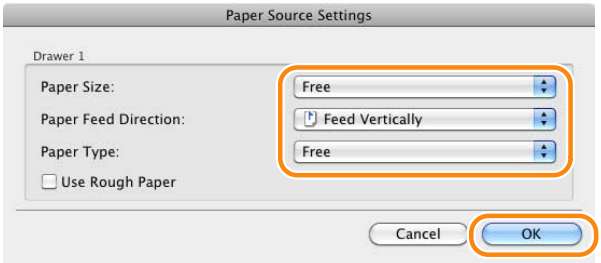
For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

2 From the [Options] menu, select [Device Settings] → [Paper Source Settings].



The [Paper Source Settings] dialog box is displayed.

3 From the list, select the size of the paper loaded in the paper cassette, and then click [OK].



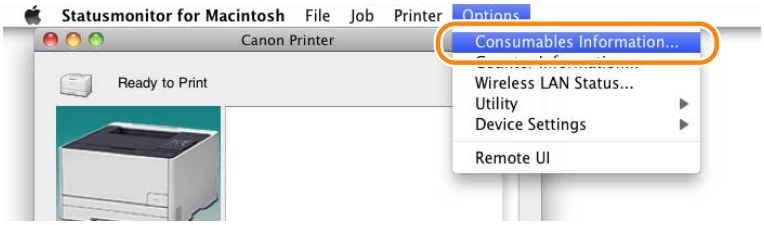
Displaying Consumables

You can check the life of the consumables.

1 Start up the Statusmonitor.

> **NOTE**
>
> For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

2 From the [Options] menu, select [Consumables Information].



[Consumables Information] dialog box is displayed.

[Amount Remaining in Cartridge]

Displays the amount of remaining consumables. Depending on the environment in which your machine is located, other internal parts may reach the end of their lifetime before the consumables run out.

> **NOTE**
>
> - If a check box for consumables is cleared in [Warning Display Settings], the icon or message which indicates that the consumables need to be replaced soon does not appear.
> - The displayed amount of remaining consumables can be used only as a guide and may differ from the actual amount.

[Information about Genuine Products]

The model number of the consumables for the machine is displayed.

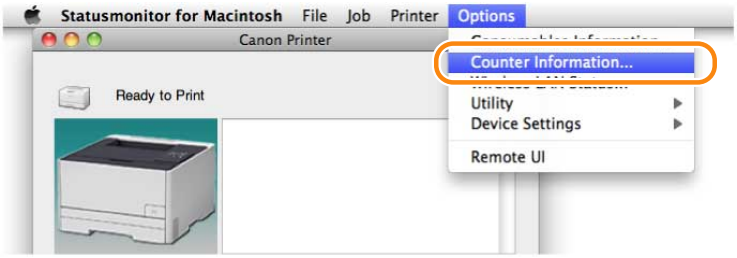
Displaying Counters

You can check the number of total printed pages.

1 Start up the Statusmonitor.

> **NOTE**
>
> For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

2 From the [Options] menu, select [Counter Information].



[Counter Information] dialog box is displayed.



Purchase Consumables

You can display the Canon website regarding consumables.

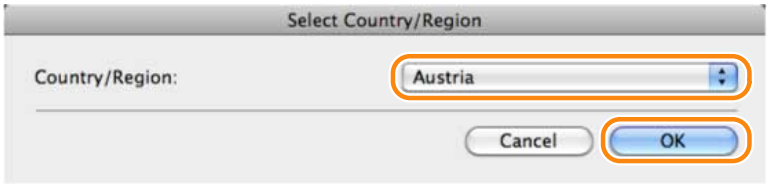
1 Start up the Statusmonitor.

> **NOTE**
>
> For details on starting up the Statusmonitor, see " **Starting Up the Statusmonitor(P. 61)** ."

2 Click [Access Purchasing Site].

The [Select Country/Region] dialog box is displayed.

3 Select a country/region and click [OK] to display the Canon website regarding toner cartridges and other consumables.



> **NOTE**
>
> Selectable countries/regions differ depending on where your printer is used.

Appendix

Appendix 83
Troubleshooting 84
Canon MF/LBP Network Setup Tool 86
Checking the IP Address 89

Appendix

Contains additional information about the printer driver.

Troubleshooting(P. 84)
Canon MF/LBP Network Setup Tool(P. 86)
Checking the IP Address(P. 89)

Troubleshooting

This section describes how to deal with problems when you are using the printer driver.

Cannot print.

Cause 1	The printer and the computer are not connected correctly.
Remedy	Check if the printer and the computer are connected correctly.
Cause 2	The power of the printer is not turned ON.
Remedy	Turn the power of the printer ON.

The printer name is not displayed in [Printers & Scanners].

Cause 1	The printer and the computer are not connected correctly.
Remedy	Check if the printer and the computer are connected correctly.
Cause 2	The power of the printer is not turned ON.
Remedy	Turn the power of the printer ON.
Cause 3	The printer driver is not installed correctly.
Remedy	Reinstall the printer driver. (See " **Installing the Printer Driver(P. 15)** ".)

Paper does not come out for a long time.

Cause	The printer is taking a long time to print due to data of large file size, such as color picture data, attached to the document.
Remedy	Please wait for a while when the Ready indicator is on.

Edges are missing in the printout.

Cause 1	The size of the document on the application software differs from that of paper output from the printer (output size).
Remedy	Reduce the size in [Scaling] in the [Page Setup] dialog box.
Cause 2	Printed the data of which the margins specified on the application software are out of this printer's printable area.
Remedy	The printable area of this printer is an area excluding 0.2 in. (5 mm) (0.4 in. (10 mm) for envelopes and Index Card) from the upper, bottom, right, and left of the paper edges. Therefore, you should secure a margin of 0.2 in. (5 mm) (0.4 in. (10 mm) for envelopes and Index Card) or more around the print data.

Cannot acquire printer information from Statusmonitor (macOS 15 or later).

Cause	An application related to the driver may not be allowed to search for devices on the local network.
Remedy	Allow the applications related to the driver to search for devices on the local network. (1) Open [System Settings] in macOS → click [Privacy & Security] in the sidebar. (2) Select [Local Network]. (3) Turn on the following applications. ● [Canon CUPSSFP BackGrounder] ● [StatusMonitor]/[Canon CUPSSFP StatusMonitor]

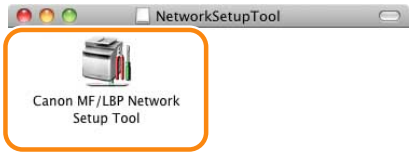
Canon MF/LBP Network Setup Tool

You can use "Canon MF/LBP Network Setup Tool" to initialize the network settings.

Starting the Canon MF/LBP Network Setup Tool

1 Double-click [NetworkSetupTool.dmg] in the [Network_Setup_Tool] folder.

2 Running Canon MF/LBP Network Setup Tool.



Running Network Setup Tool Directly

Double-click [Canon MF/LBP Network Setup Tool] in the displayed window.

Running Network Setup Tool from a Computer

(1) Copy (Install) [Canon MF/LBP Network Setup Tool] in the displayed window to your hard disk.

(2) Double-click [Canon MF/LBP Network Setup Tool].

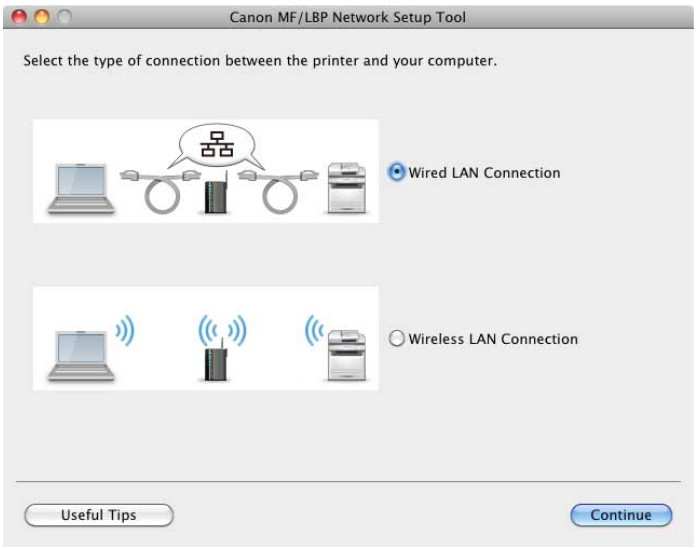
NOTE

Uninstalling Canon MF/LBP Network Setup Tool

Delete the Canon MF/LBP Network Setup Tool icon from the installation directory.

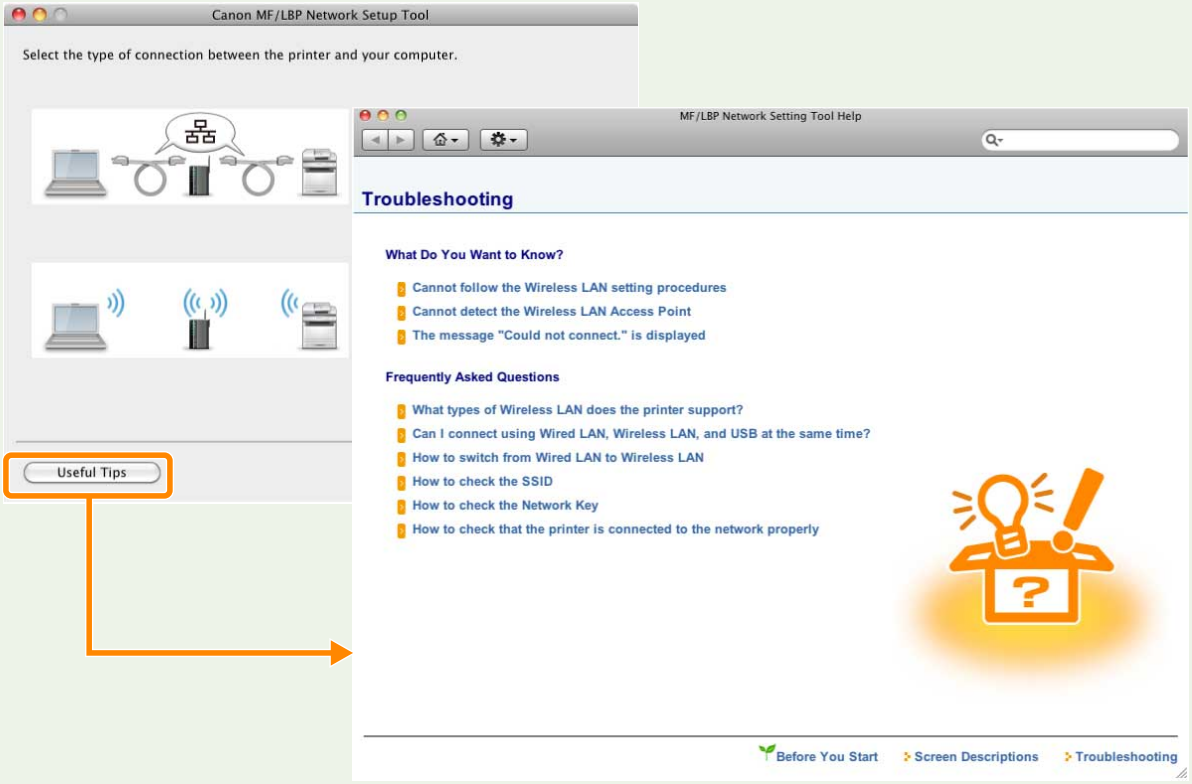
Specifying the Connection Settings Using "Canon MF/LBP Network Setup Tool"

The setting procedure varies depending on your environment. Follow the instructions on the screen to specify the settings.



If you have a problem during the connection settings

Click [Useful Tips] at the bottom left of the screen and see the help contents.



System Requirements of "Canon MF/LBP Network Setup Tool"

Operating System

macOS 10.13 and later

※ For details on the latest "Canon MF/LBP Network Setup Tool," see the Canon Web site (https://global.canon/).

Computer

A computer on which any one of the above operating systems can run

Interface

When connecting with the USB cable

Hi-Speed USB/USB

When connecting with wired LAN

Connector: 10BASE-T/100BASE-TX

Protocol: TCP/IP

When connecting with wireless LAN

Standard: IEEE 802.11b/g/n

Protocol: TCP/IP

Checking the IP Address

Use the following procedure to make sure that the IP address is set properly.

1 **Display Terminal.**

Select the hard disk you use → [Applications] → the [Utilities] folder, and then double-click the [Terminal] icon.

2 **Enter "ping -c 4 <the IP address of the printer>", then press the [return] key on your keyboard.**

- **Input Example:** ping -c 4 192.168.0.215

3 **If the IP address is set properly, the following result is displayed. (This indicates that four packets were sent and four packets were successfully received.)**

- 4 packets transmitted, 4 packets received, 0% packet loss

4 **Contact your network administrator if the following result is displayed.**

- 4 packets transmitted, 0 packets received, 100% packet loss

5 **Enter "exit", then press the [return] key on your keyboard.**

6 **Select [Quit Terminal] from the [Terminal] menu.**

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