Smart Device Print

User Manual

for Android

Ver1.2

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（1）**Introduction**

  This manual describes how to correctly use the Smart Device Print application on Android and the precautions of its use.
  Please read this manual carefully before using the application.

  ・Application Overview
    This application is one that can print photos or documents on Android devices using Ricoh printers or MFP.

  ・Supported Android devices
    Please refer to the Support Page.

  ・Supported Android OS versions
      2.2 or above

  ・Printer or MFP to print with
    Ricoh printers or MFP
   For more information on supported models (models on which this application has been tested OK), please refer to the support page.

  ・LF (location free) print server to print with
    Enhanced Locked Print NX FlexRelease Server V2

  ・On-demand print application to print with
    Enhanced Locked Print NX V2

（2）**How to read this manual**
  2-1．Annotations used in this manual
      Important: indicates things you should pay attention to when using the functions of the application.
                Be sure to read carefully, as failure to do so may lead to unexpected consequences such as misprint or loss of data.
      Note: indicates additional information to the functions, as well as measures to be taken in case of improper operation.

Buttons or items on the operation screens in this application are indicated by [ ].

Operations and settings other than those in the application, such as settings on Android OS or Android device, are indicated by <> .

2-2. Notes on this manual

This manual is created based on Xperia arc SO-01C with Android OS version 2.3.4 or above.

The contents in this manual are subject to change without notice.

Please understand that some of the illustrations or descriptions in this manual may vary due to changes for improvement in this application, Android OS or Android devices.

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（3） What can you do with this application

・Print photos in Android devices.

・Print documents (PDF) in Android devices.

・Print texts saved on the clipboard.

・Print the web pages displayed in this application.

・Print photos or documents opened in this application by using < application selection > in other applications.

・Print securely using user code or user authentication.

・Print using on-demand print application.

・Print using LF (location free) print server.

（4） When using this application

4-1. Connecting Android device to Wi-Fi

On Android device, select <Settings> , <Wireless & Networks> and <Wi-Fi> , then select and set Wi-Fi network according to your environment and make Wi-Fi connection.
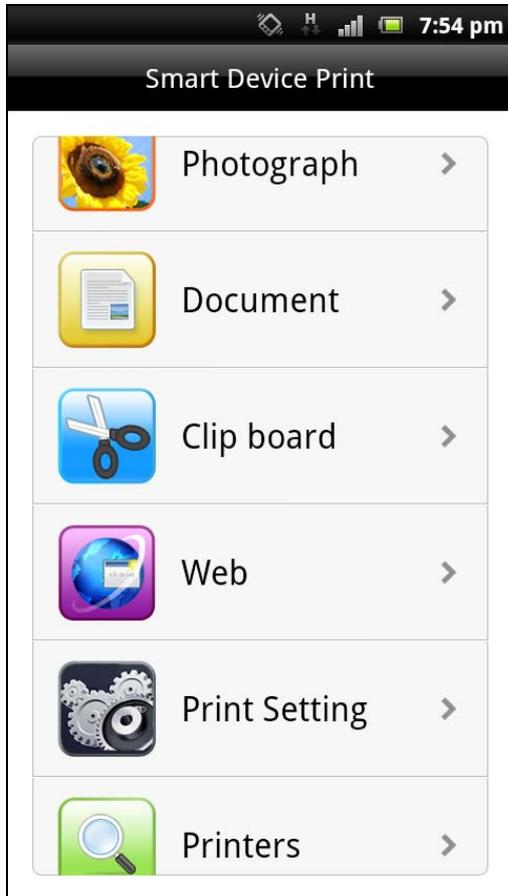
Note: For more information on network settings, please contact your network administrator.

4-2. Connecting to printer or MFP

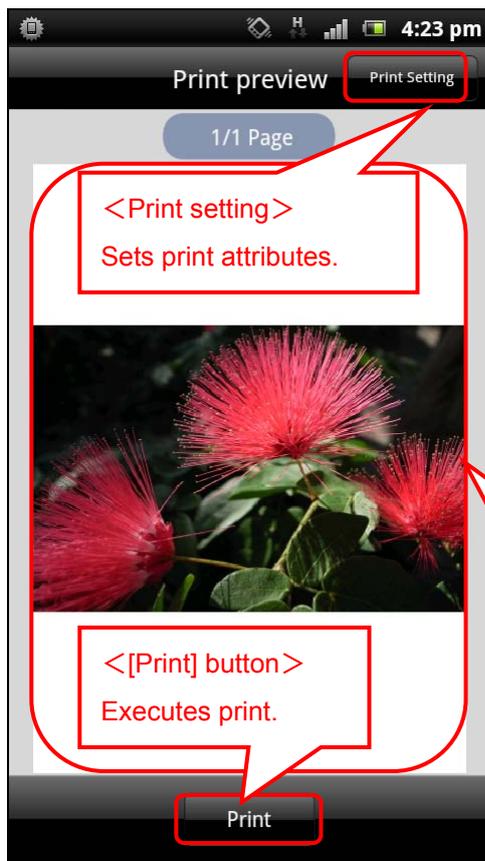Please check the user manual of the printer or MFP you are going to use, or consult your network administrator.

（5） Screens in this application

5-1. Menu Screen

You can select items to print or to set.
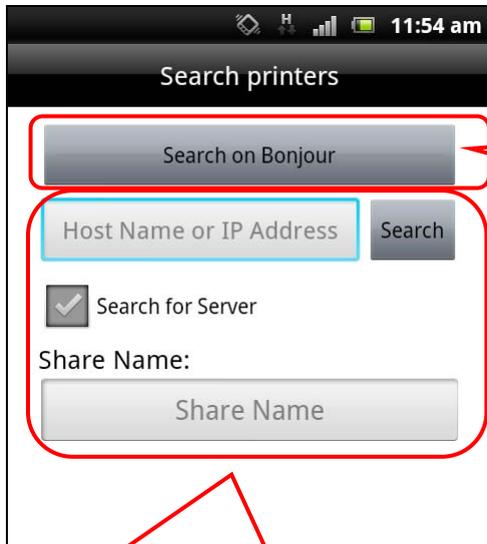
5-2. Print Preview Screen

・Preview area

　　Shows preview. When there are multiple pages, you can swipe (slide your finger on the screen) to show the preview of each individual page.

・[Print setting] button

　　Used to change print attributes

・[Print] button

　　Executes print

（6） Specifying the printer, MFP or LF (location free) print server to print with

＜[Search on Bonjour] button＞
Executes search on Bonjour

Search printer by inputting DNS host name or IP address.
To search for LF server, check the "Search Server" checkbox, and also input the share name.

Printer list

✓ imagio MP C5002A ⊙

☐ imagio MP C5001 ⊙

Shows detailed information of a printer.

Shows the list of printers searched.

Search printers

Printer Details

* Model ： imagio MP C5001

* Place ： C18F

* IP Address ：xx.xx.xx.xx

* PDF direct print

Shown when the printer supports PDF Direct Print function.
In case of a LF server, this is displayed together with a checkbox regardless of whether or not the printer supports PDF Direct Print function. Please check the checkbox only when the printer supports PDF direct print function.

6-1. Searching and specifying the printer or MFP to print with on Bonjour

1. Select [Printers] on the menu screen, and press [Search printer] button.
2. Press [Search on Bonjour] button.
3. When search results are displayed, select one or more printers you want to add.
4. Press [Printers] button to add the printer(s) to [Printer list].
5. Select a printer or MFP to print with from the printers displayed in [Printer list].

Note: Printers or MFPs on which this application has not been tested are also shown in the search results.
Please confirm whether the model is one on which this application is supported.

Note: The printer or MFP to search must be in the same subnet as the Android device.

6-2. Specifying printer or MFP by manually inputting DNS host name or IP address

1. Select [Printers] on the menu screen, and press [Search printer] button.
2. Press the Host Name / IP Address input field.
3. Input host name or IP address using the keyboard displayed.

4. Press [Search] button.

5. When search results are displayed, select printer(s) to add.

6. Press [Printers] button to add the printer(s) to [Printer list].

7. Select the printer or MFP to print with from the printers displayed in [Printer list].

Note: Please input an IP address that consists of four numbers ranging from 0 to 255 separated by periods (for example, 168.190.0.1).

Note: The printer or MFP must support SNMP.

Note: Printers or MFPs on which this application has not been tested may also be specified. Please confirm whether the model is one on which this application is supported.

Note: For host name, please input the host name registered in DNS server.

6-3. Specifying LF server by manually inputting DNS host name or IP address

1. Select [Printers] on the menu screen, and press [Search printer] button.

2. Check the [Search Server] checkbox.

3. Tap the Host Name / IP Address input field.

4. Input the host name or IP address with the keyboard displayed.

5. Tap the Share Name input field.

6. Input the share name with the keyboard displayed.

7. Press the [Search] button.

8. When the search results are displayed, select the printer to add.

9. Press the [Apply] button to add to [Printer list].

10. Select a LF server from the printers displayed in the [Printer list].

Note: Please input an IP address that consists of four numbers ranging from 0 to 255 separated by periods (for example, 168.190.0.1).

Note: Please refer to "LF (location free) print server to print with" in "(1) Introduction" for supported LF server.

Note: Please input the share name set to LF server for Share Name. Please contact your network administrator for details.

Note: Share name in double-byte characters can not be set in this application.

Note: For host name, please input the host name registered in DNS server.

Important: When a LF server is specified, [PDF direct print] is always displayed. Please check the [PDF direct print] checkbox only when the LF server you are using supports

PDF direct print function.

Important: If the information (such as IP address) of a printer or MFP registered in the printer list is changed, please delete the printer or MFP from the printer list, and then add it to the list again. Otherwise, unexpected problem may occur as the printer tries to print with the information before the change.

（7） **Setting print attributes**

Used to set print attributes
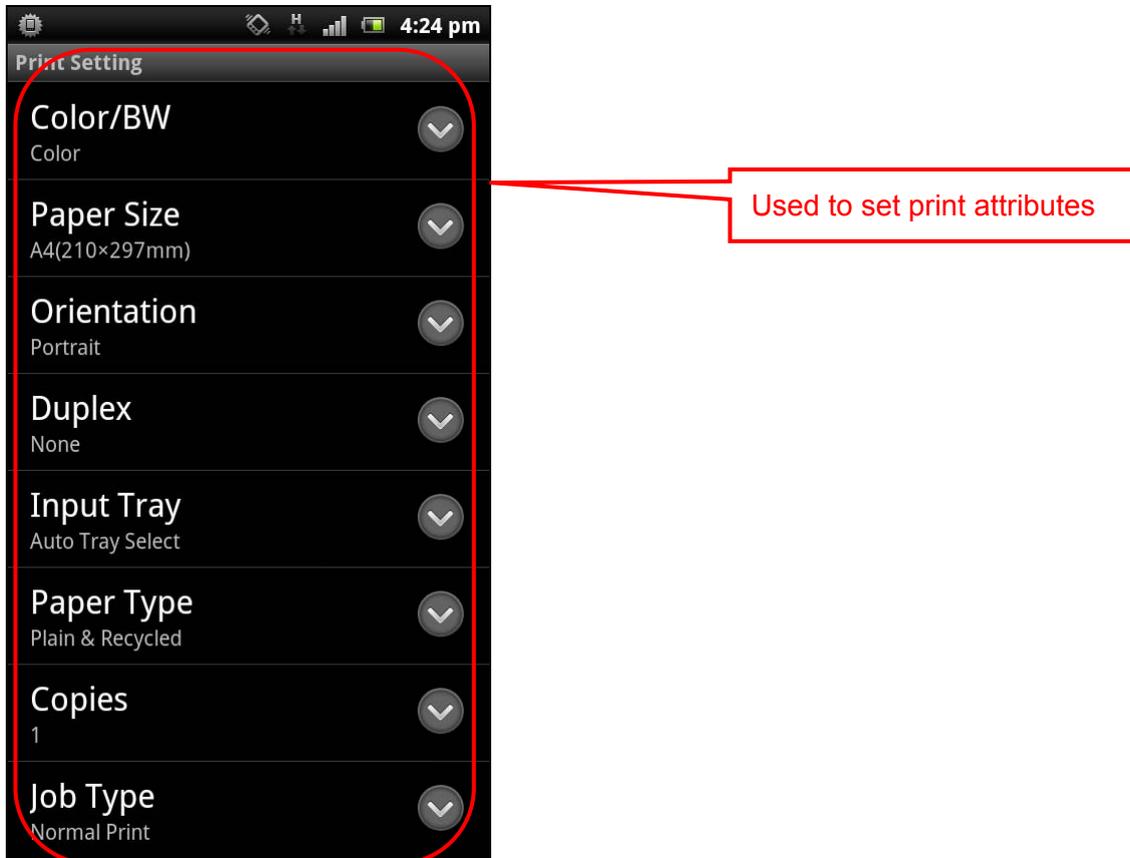
There are two screens for setting print attributes.

7-1. Setting printer attributes

1. Select what you want to print from [Photograph]/ [Document] /[Clipboard] /[Web] menu screen, and then select print settings.
2. Set print attributes as necessary.

7-2. Setting initial values for the print attributes displayed in print preview screen

Changes to the settings will not be reflected until the next time the application starts. Neither will the changes be reflected when you go back to the Home screen or switch to another application. To reflect the changes, please press the return key on the Home screen (menu screen) of the application to exit the application, and then restart it.

1. Select [Print setting] menu.
2. Set print attributes as necessary.

Available print attributes are as follows:

[Printers]

Select a printer to print with from the registered printers.

- Available printers

    Printers registered in the printer list

Initial setting: printer set as initial setting on the Printer List screen.

Note: please register a printer if none has been registered.

[Color/BW]

Select whether to print in color or in BW.

- Color
- Black and white

Initial setting: Color

Important: When a black and white original is printed with the Color setting, it is printed using CMYK toner as a colored original. Therefore, it will be counted in the color counter in the printer. If you only want to use K toner to print, please set to BW.

[Paper size]

Sets paper size.

- Available paper sizes

A3, B4, A4, B5, A5, 11×17, 8 1/2 × 14, 8 1/2 ×11, 5 1/2 × 8 1/2

Initial setting: A4

[Paper type]

Sets paper type.

- Available paper types

    Plain & Recycled, Coated paper

Initial setting: Plain & Recycled

[Orientation]

Sets paper print orientation.

・Portrait

・Landscape

Initial setting: Portrait

[None/Duplex]

Select to print on one side or two sides.

・ None

・ Duplex (Open to left)

・ Duplex (Open to top)

Initial setting: None

[Page layout]

Select whether or not to print 2 pages into 1 page.

・ 2 in 1

・ None

Initial setting: None

[Input tray]

Select the paper tray to print from.

・ Available paper trays

  Auto tray select, tray 1, tray 2, bypass tray

Initial setting: Auto tray select

[Job type]

Select how to print.

・ Normal print

・ Locked print

Initial setting: Normal print

Note: When Locked print is selected, please set user ID and locked print password.

[Font size]
Set the font size to print the copied text in clipboard.
- ・ Small (10 points)
- ・ Medium (12 points)
- ・ Big (14 points)

Initial setting: Medium (12 points)

[Pages]
Specify print pages.
・from 1 to 99

Initial value: from 1 to 1

[Copies]
Specify the number of copies.
- ・ 1 ～99

Initial setting: 1

[User ID]
Set for locked print or when on-demand print application is used for printing.
・up to 8 alphanumeric [a-z,A-Z,0-9] characters

Initial setting: blank

<Locked Print Details>
[Password]
Set the password for locked print.
・4-8 digit numbers

Initial setting: blank

<Authentication settings>

Set user authentication and user code authentication.

When user authentication setting is on, login user name and login password can be inputted.

When user authentication setting is off, user code can be inputted.

Note: If the driver encryption key set to the printer is changed from its initial setting, user authentication from this application will fail.

Please contact your administrator for the setting of the driver encryption key.

[User authentication]

Select whether to print with user authentication information or not.

・On

・Off

Initial setting: off

[Login user name]

Set the login user name for user authentication.

・alphanumeric characters/symbols

Initial setting: blank

[Login password]

Set the login password for user authentication.

・alphanumeric characters/symbols

Initial setting: blank

[User code]

Set the user code for user authentication.

・up to 8-digit numbers

Initial setting: blank

The print attributes that can be set on Print setting screen are as follows: (You can access Print setting screen directly from Menu, or from Print setting button on Print preview screen of Photograph, Document, Clipboard or Web.)

○：Can be set - ：Can not be set

		Print setting screen				
		Menu	Photograph	Document	Clipboard	Web
Print attributes	Printer	–	○	○	○	○
	Color/BW	○	○	○	○	○
	Paper size	○	○	○	○	○
	Paper type	○	○＊1	○＊1	○＊1	○＊1
	Orientation	○	○	–	○	○
	None/Duplex	○	○	○	○	○
	Page layout	–	–	○	–	○
	Input tray	○	○	○	○	○
	Job type	○	○	○	○	○
	Print quality	–	–	–	○	–
	Font size	–	–	○	–	–
	Pages	○	○	○＊2	○	○＊2
	Copies	○	–	–	–	–
	User ID	○	–	–	–	–
	<Locked print details> ・Password	○	–	–	–	–

＊1：Can be set only when you are printing with a GELJET printer.

＊2：When more than 2 copies are set, they are always printed in a collated manner.
However, on printers or MFPs that do not support Collate function, they are printed in a stacked manner.

(8)Printing photos
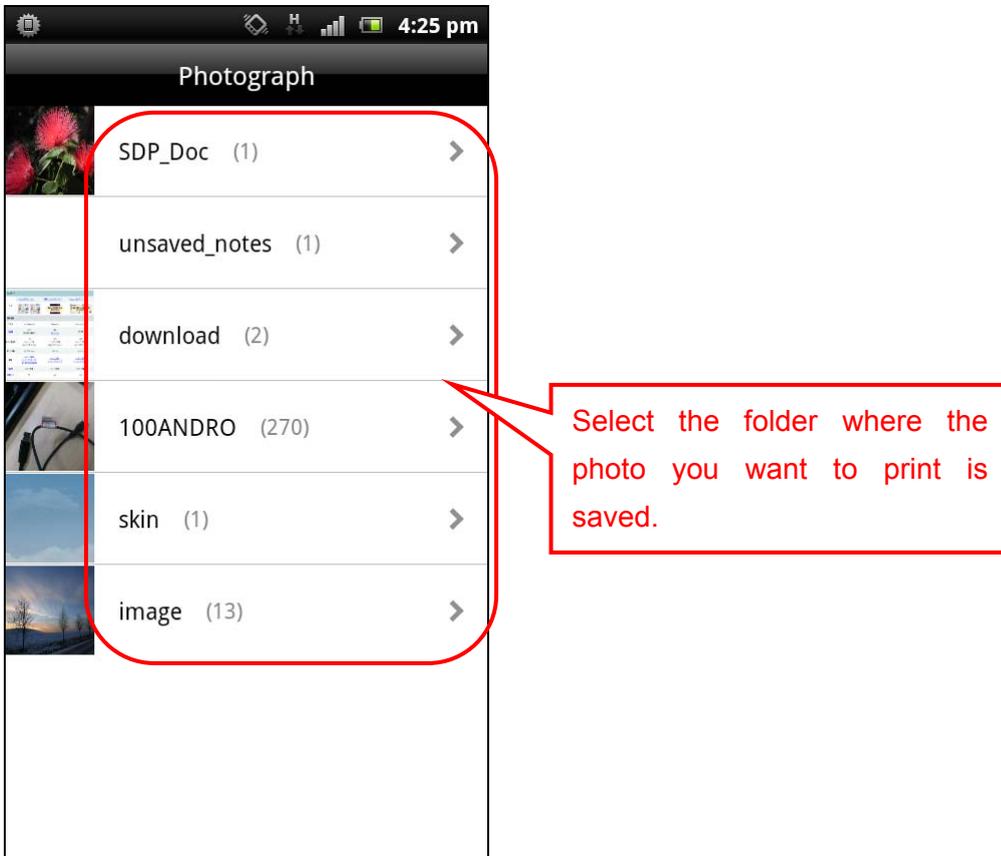
Print the photos in Android device.
Supported image format is JPG.

1. Select [Photograph] menu.
2. Select the list with the photo(s) you want to print.
3. Select one or more photos to print from the list.
4. Press [Print preview], and the preview will be displayed.
5. Set print attributes as necessary.
6. Press [Print] button.

Note: For more information on each print attribute, please refer to "(7) Setting print attributes".

Note: If you do not want to print a photo already selected, press the photo to remove the check mark. If you want to print the photo again, press it so that a check mark appears on its upper right corner.

Note: After you have selected a photo and switched from [Photograph] menu to another menu, when you switch back to [Photograph] menu, a message will be displayed asking whether you are sure to cancel the selection of photograph. Press [OK] to cancel the selection, or press [Cancel] to continue selecting photos in the [Photograph] menu or to print.

(9) Printing document
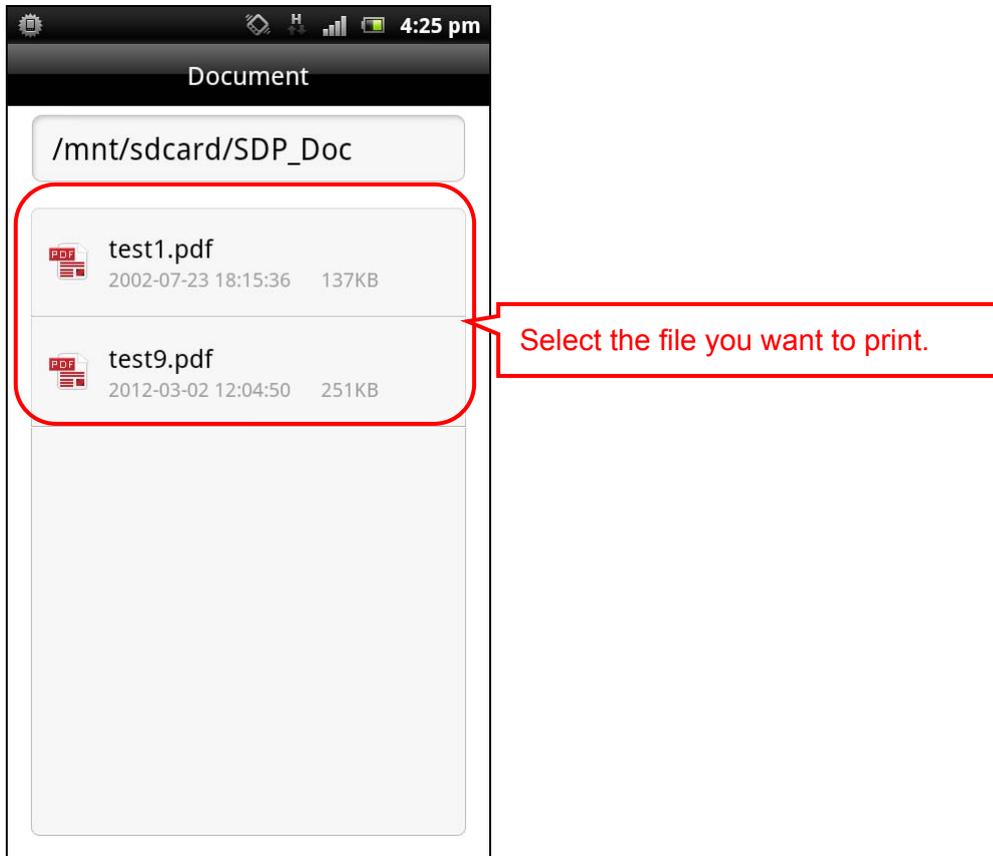
Print the documents (PDF) on Android device.

    1. Select [Document] menu.

    2. Select the folder where the document you want to print is saved.

    3. Select the document.

    4. If you want to confirm the contents of the document, press [Open by other app] button and select an application.

    5. Set print attributes as necessary.

    6. Press [Print] button.

Note: If no application is available when you press [Open by other app] button, please install an application such as <Adobe Reader> that can display PDF.

Note: For more information on each print attribute, please refer to "(7). Setting print attributes".

Note: In order to print a PDF document, the printer or MFP you are going to use must support PDF Direct Print function.

If a printer or MFP supports PDF Direct Print function, "PDF Direct Print" item will be

displayed on [Printer details] screen.

Note: Due to additional PDF functions such as encrypted PDF, documents may not be correctly previewed or printed.

Note: For more information on the PDF versions supported by PDF Direct Print function, please check the user manual of the printer or MFP you are using, or consult your network administrator.
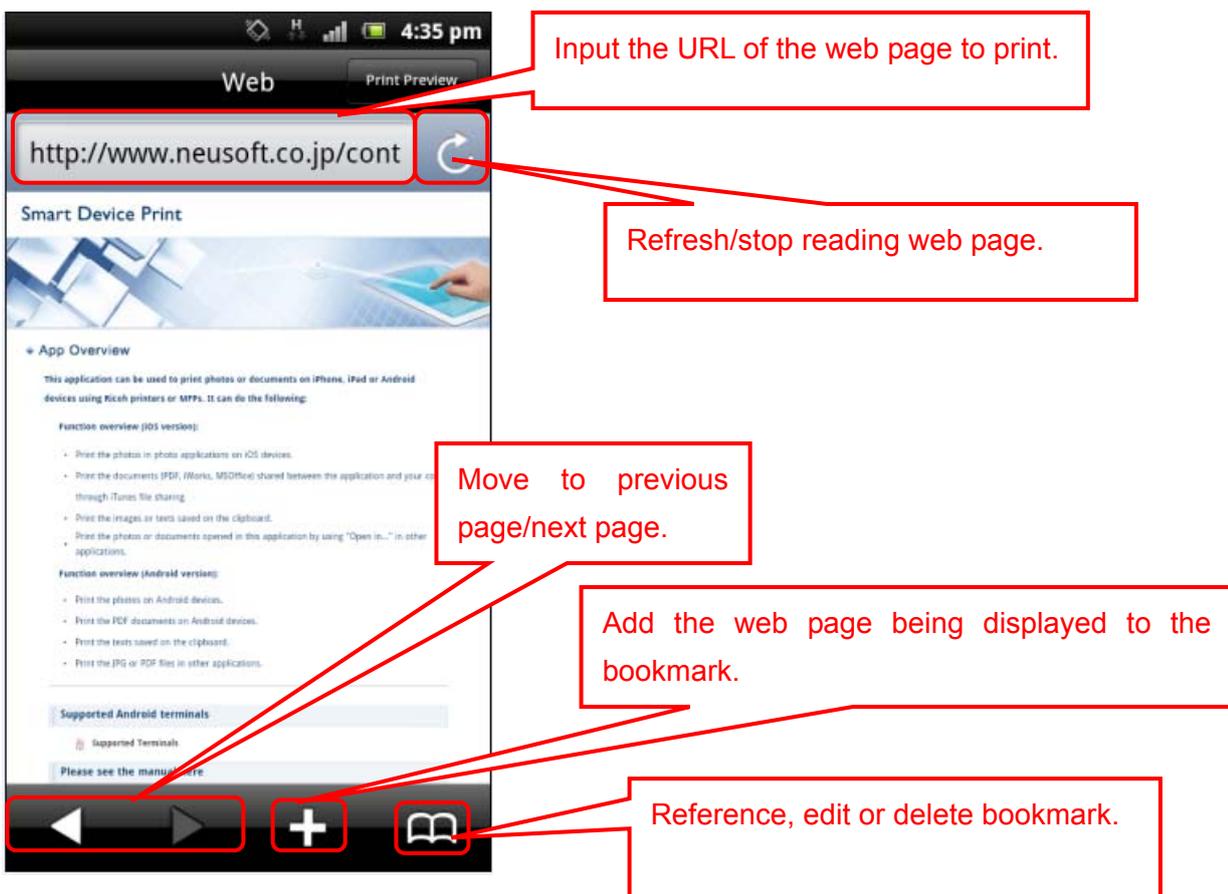
(10) Printing clipboard contents

Print the contents copied onto the clipboard.

1. Select [Clipboard] menu.
2. Set print attributes as necessary.
3. Press [Print] button.

Note: For more information on each print attribute, please refer to "(7) Setting print attributes".

Note: For information on how to copy text to the clipboard, please refer to the user manual of the Android OS or the application you want to copy from.

(11) Printing Web pages

Input the URL of the web page to print.

Refresh/stop reading web page.

Move to previous page/next page.

Add the web page being displayed to the bookmark.

Reference, edit or delete bookmark.

Print the web page displayed in the application.

1. Select [Web] menu.
2. Tap the URL input field.

3. Input the URL of the web page to print using the keyboard displayed.

4. Set print attributes as necessary.

5. Press [Print] button.

Note: Bookmarks are shared with the standard browser on Android devices.

Note: Depending on the web page to display, web page may not be previewed or printed correctly.

(12) Printing photos, documents or Web page contents in other applications

Photos, documents or Web page contents in applications that allow them to be selected in other applications can be printed using Smart Device Print application.

The photos or documents that can be printed by Smart Device Print from other applications are in JPG or PDF format.

1. In other applications, select the photo, document or Web page contents you want to print in Smart Device Print, and with the photo, document or Web page contents displayed or selected, show < Select application > screen.

2. Select "Smart Device Print" from the list.

3. The application is switched to Smart Device Print, and the photo, document or Web page contents to print will be displayed in Smart Device Print.

4. Set print attributes as necessary, and press [Print] button to print.

Note: Since the procedure on how to show <Select application> screen varies with applications, please check the user manual of the application you are using for details.

(13) Displaying application information and user manual

Press the system key <Menu > on the menu screen, and About/Help screen will be displayed.

・About

Shows version information and contact information.

・Help

Shows the user manual on how to use this application, things to be paid attention to and more.

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Version 2.0, January 2004

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Version 2.1, February 1999

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this,

non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain

by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the

GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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(Hereinafter, translation is included without limitation in the term "modification".)

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any

application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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