RICOH Smart Device Print

User Manual

for Android

（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 Nexus 7 with Android OS version 4.1.2 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.
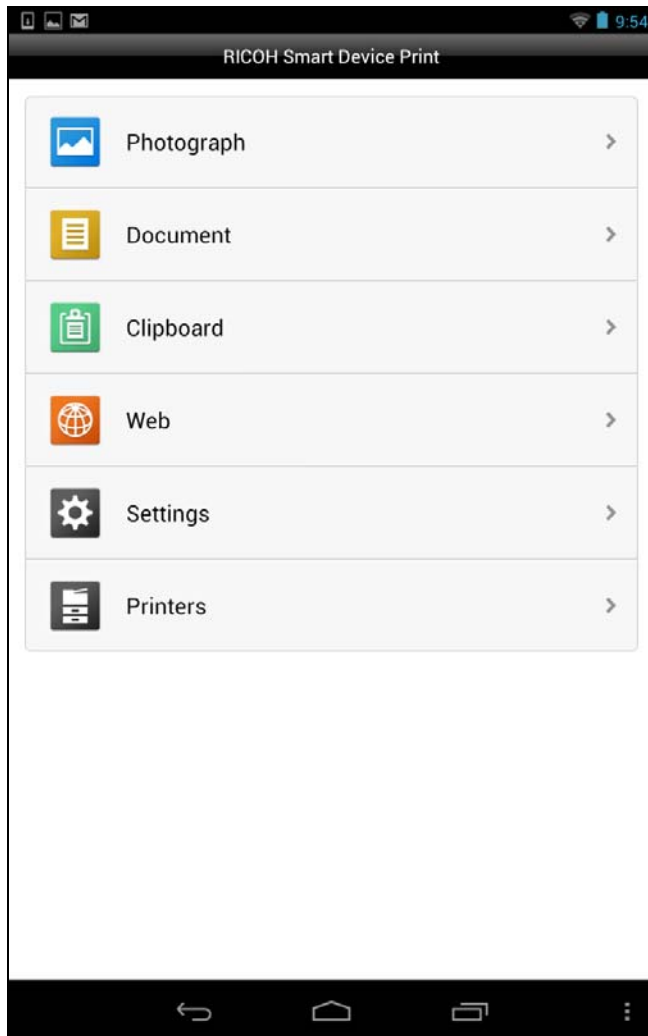
Note: For more information on network settings, please contact your network administrator.

4-2. Connecting to printer or MFP

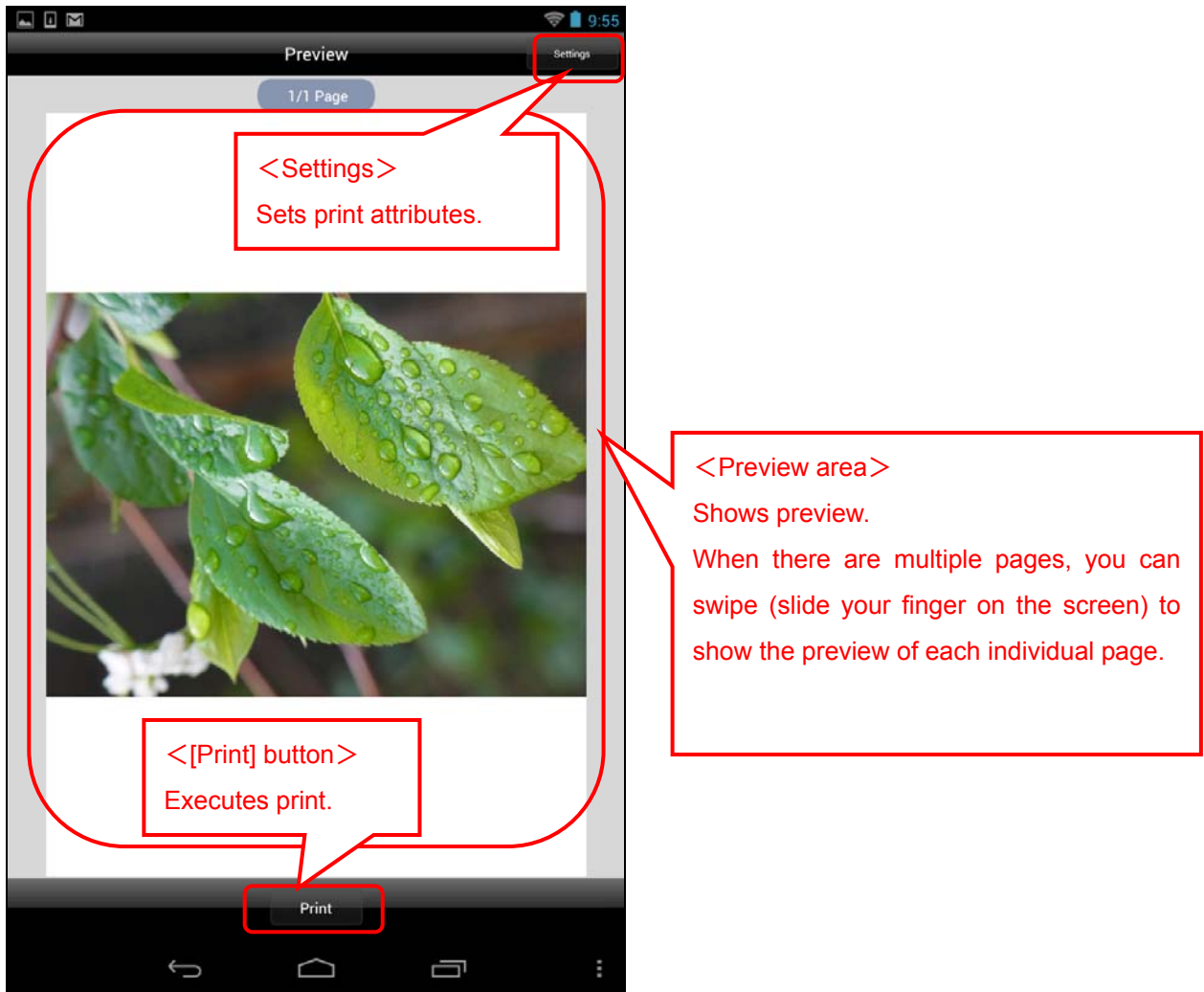Please check the user manual of the printer or MFP you are going to use, or consult your network administrator.

（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.

・[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 C4002 ⊙

☐ imagio MP W4001 ⊙

Shows detailed information of a printer.

Shows the list of printers searched.

Search Printer

Printer Details

• Model : imagio MP C4002

• Place : C18F

•Host Nm./IP Addr. : XXX.XXX.XXX.XXX

• 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
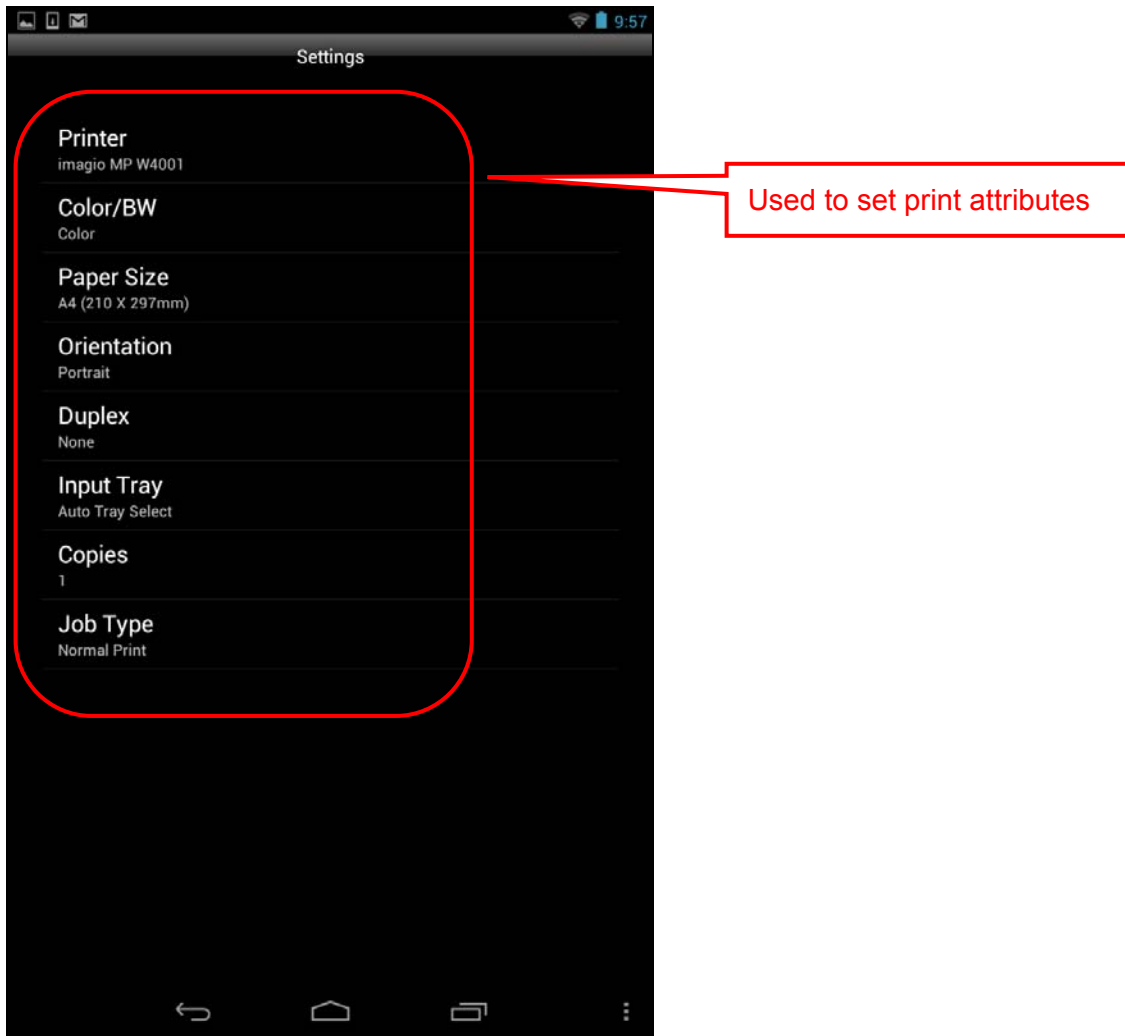
There are two screens for setting print attributes.

7-1. Setting printer attributes

1. Select what you want to print from [Photograph]/ [Document] /[Clipboard] /[Web] menu screen, and then select 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 [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 may be printed with cyan, magenta, yellow and black toner. Therefore, it may be counted in the color counter in the printer. If you only want to use black toner to print, please set to BW. If color original is mixed with BW original, when they are printed with the Color setting, BW original may also be counted in the color counter.

[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

・ Open to left

・ 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 Setting screen are as follows: (You can access Setting screen directly from Menu, or from Setting button on Print preview screen of Photograph, Document, Clipboard or Web.)

○ : Can be set - : Can not be set

		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
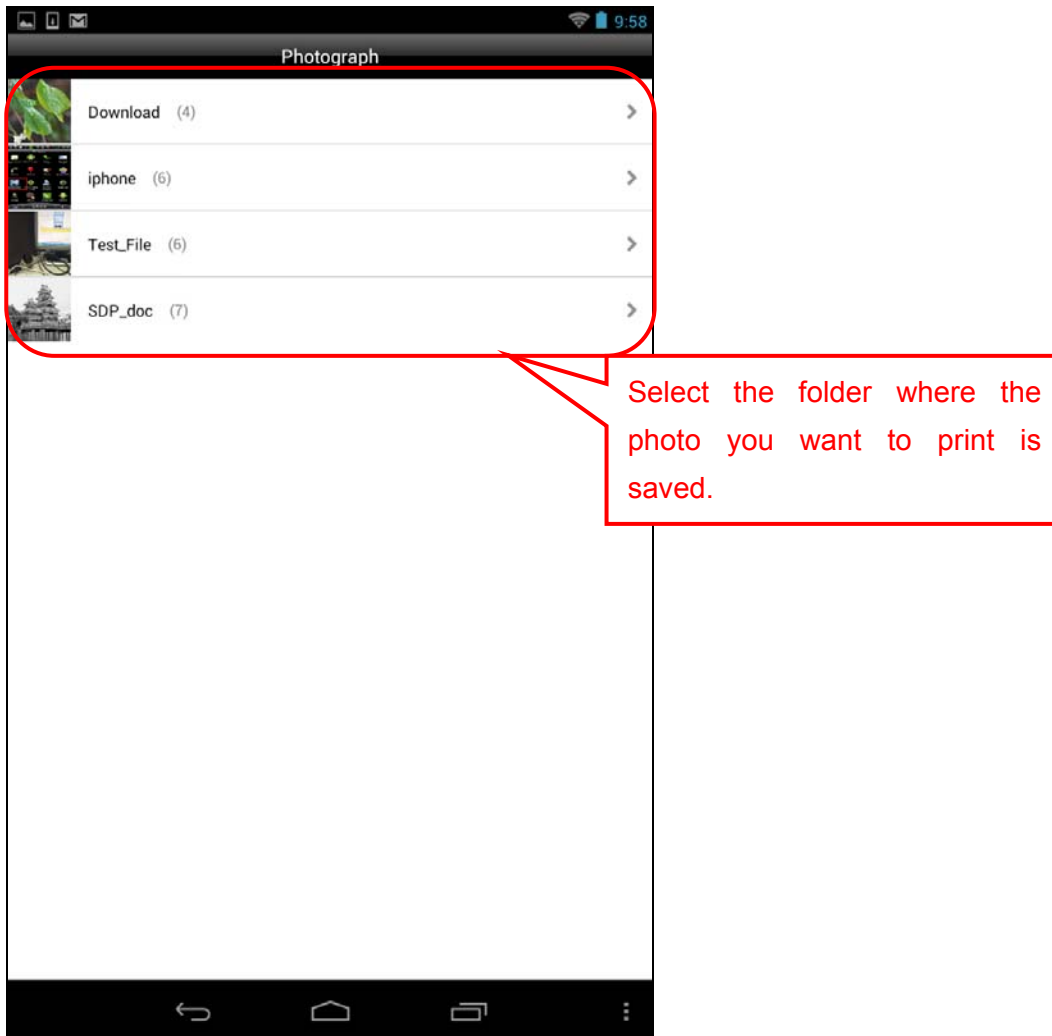
Print the photos in Android device.

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
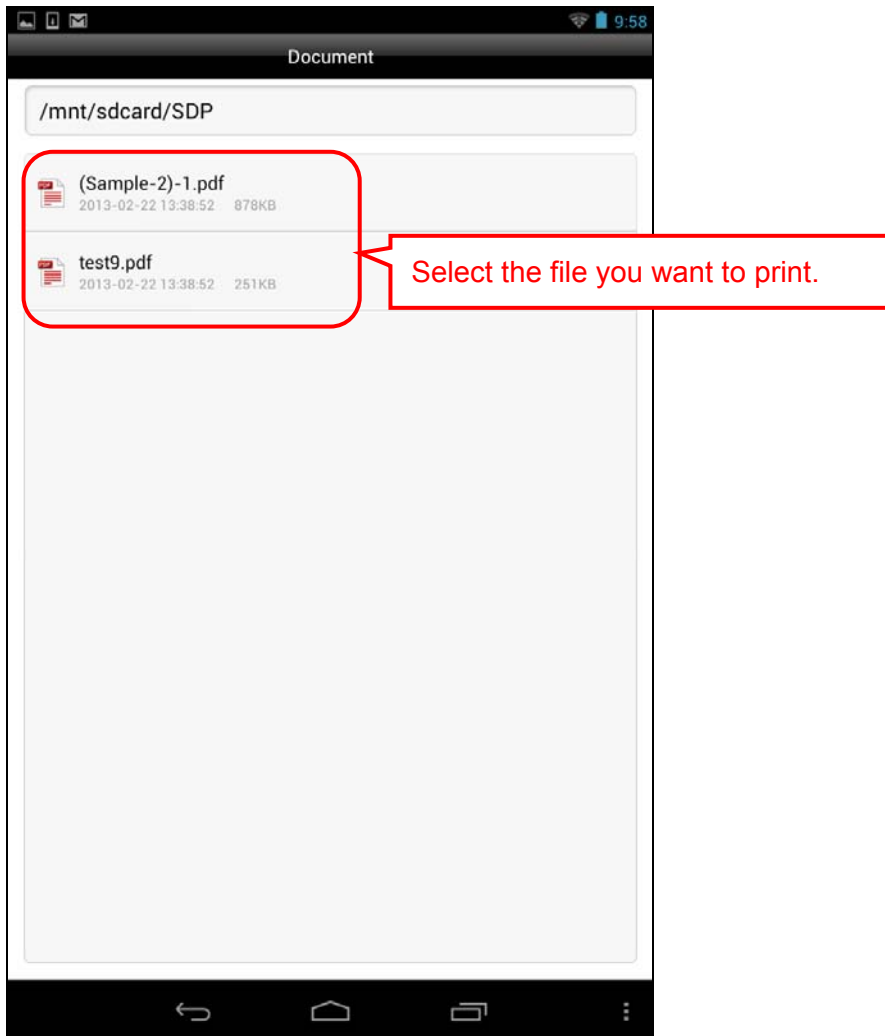
Print the documents (PDF) on Android device.

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 printed.
If the number of print pages cannot be read correctly, "from 1 to blank" may be shown
under Pages. If you want to print all the pages, there will be no problem; However, if
you want to specify a page to print, please press "Another app." button and select an
application, then specify a page in the correct range after having confirmed the number
of pages in the PDF file.
If a wrong print range is specified, it may not be 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.

Important: When Print button is pressed, if a dialog is displayed indicating there may be
problem with duplex setting, press Cancel button and do the following.
1. Press "Another app." and select an application, then confirm the orientation of the first
page of the PDF file.
2. If the orientation is portrait, there will be no problem.
Please press Print button again to print.
If the orientation is landscape, the print result will be opposite to the settings of Open to
Left and Open to Top.
Please print by reversing the opening direction.
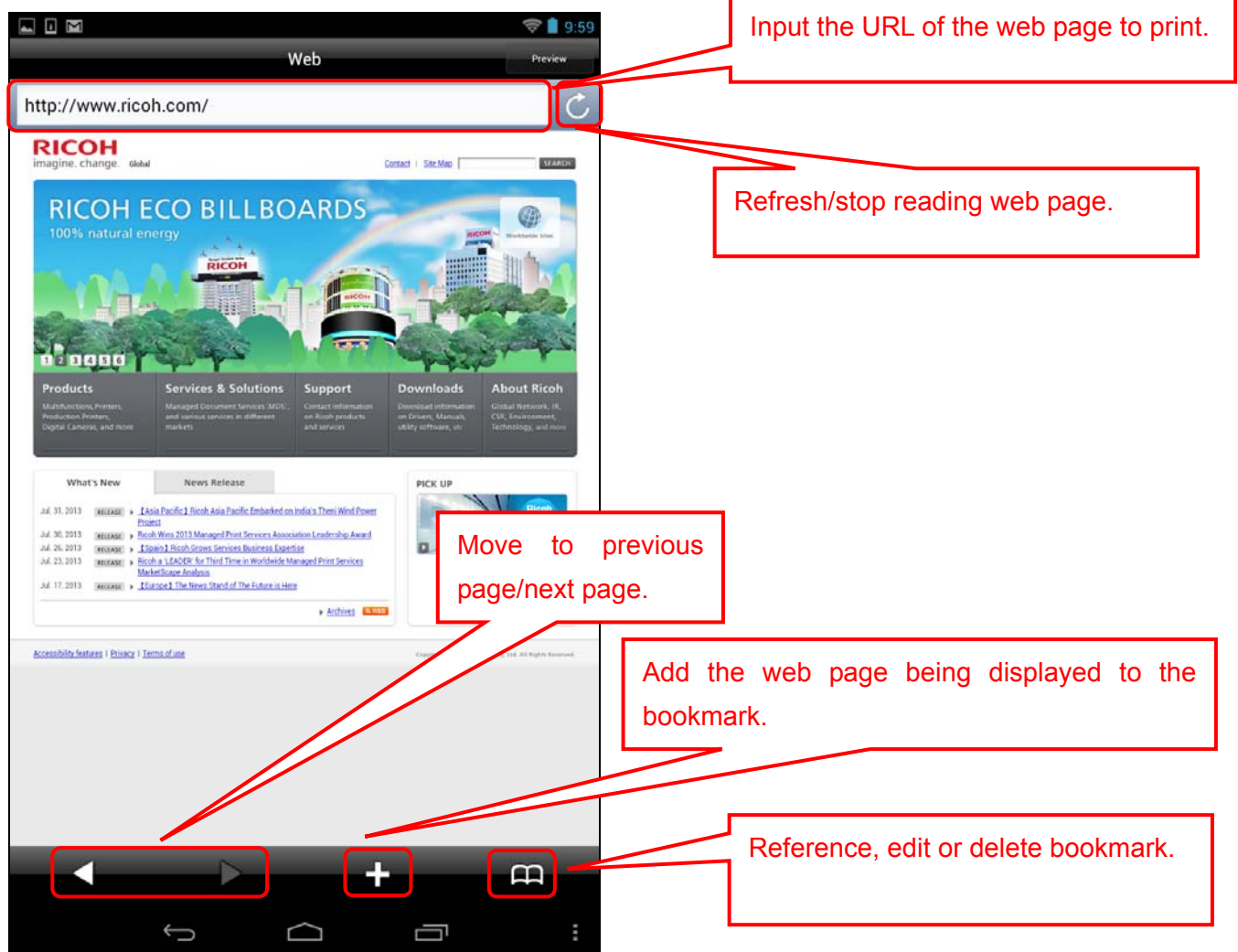
(10) Printing clipboard contents

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 Android devices, it sometimes happens that bookmarks cannot be added in
    Smart Device Print. Please add the bookmarks by the standard browser on this occasion.
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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libjpeg-6b

http://www.ijg.org/

There are some items seeking the notification to customer from the author of the OSS, besides the common descriptions.

Therefore, the full text reads as follows. In addition, ansi2knr.c, configure, config.guess, config.sub, ltconfig, ltmain.sh, install-sh in the following referred program

are not included in this product.

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(Since arithmetic coding provides only a marginal gain over the unpatented

Huffman mode, it is unlikely that very many implementations will support it.)

So far as we are aware, there are no patent restrictions on the remaining

code.

The IJG distribution formerly included code to read and write GIF files.

To avoid entanglement with the Unisys LZW patent, GIF reading support has

been removed altogether, and the GIF writer has been simplified to produce

"uncompressed GIFs".   This technique does not use the LZW algorithm; the

resulting GIF files are larger than usual, but are readable by all standard

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Zlib

/* zlib.h -- interface of the 'zlib' general purpose compression library

   version 1.2.8, April 28th, 2013

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