

## Notes for Users

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This machine supports AirPrint.

AirPrint is a function allowing you to use print/scanner/fax functions\* from AirPrint-compatible machines on the same network (wired or wireless) with iOS and Mac OS, for which you do not need to install any software and/or driver on iOS and Mac OS.

\*Functions that can be used vary depending on the installed option (fax unit).

For more information about AirPrint, please visit: <https://support.apple.com/kb/HT4356>.

### Conditions to use AirPrint functions

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AirPrint functions can be used when the following settings are enabled on the MFP/printer:

- AirPrint settings are enabled (factory default: Active)
- IPP settings are enabled (factory default: Active)
- Bonjour settings are enabled (factory default: Active)
- IP settings used for SSL communication are enabled (factory default: Active)
- TLS1.2 settings are enabled (factory default: Active)
- A device certificate (self-signed certificate) for SSL/TLS communication is installed (factory default: Installed)

To confirm the settings, see "Confirming Active Settings for the Functions" and "Confirming the IPP-SSL Settings".

### Warnings/restrictions

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#### ■ General functions

- When the AirPrint function is enabled and the device certificate for SSL/TLS communication has not been installed, a device certificate (self-signed certificate) is automatically installed.
- If the device certificate for SSL/TLS communication has been installed, communication with the following utility may not be established.
  - Streamline NX
  - GlobalScan NX
  - Embedded Software Architecture applications

\*No support is provided depending on the model you are using.

If this is the case, communication with these utilities may be restored using either of the three methods below:

  - Install the certificate issued by the certificate authority on both of the machine and the utility.
  - If the device certificate (self-signed certificate) has already been installed on the machine, install the certificate on the utility as a Trustworthy Certificate.
  - First disable the AirPrint function, and then delete the device certificate for SSL/TLS communication (If the device certificate is deleted, no AirPrint function can be used.)
- The default for [Permit SSL/TLS Communication] is [Ciphertext/Cleartext]. When [Ciphertext/Cleartext] is specified, http access will not automatically switch to https access, so it is necessary to specify "https" to use encrypted communication. For instance, when accessing Web Image Monitor, you need to enable https to specify a URL in the address bar in the browser.
- If [Permit SSL/TLS Communication] is set to [Ciphertext/Cleartext], communication may be in cleartext with device management software provided by Ricoh even if the certificate for SSL/TLS communication is installed. To use encrypted communication, it is necessary to change the setting to [Ciphertext Priority] or [Ciphertext Only].
- AirPrint can be used on the AirPrint-compatible printer on the same network (wired or wireless) with iOS and Mac OS. Also it can be used when connected via a USB cable with devices installed with Mac OS. Connect a USB 2.0 interface cable (USB Type-B connector) to the USB 2.0 interface (USB Type-B connector) of the device, and then connect it to the USB terminal of the device installed with Mac OS.

#### ■ Print function

- When printing using AirPrint, configure the settings without using the user authentication management function or set the printer job authentication to [Simple(All)]. For details, refer to "Verifying Users to Operate the Machine (User Authentication)", Security in the manual included with the main unit.
- When printing with AirPrint, multiple jobs cannot be accepted at a time. After printing a current job, proceed to print the next job.
- Even though a print job for text and covers is canceled, the text may be printed anyway.
- When duplex printing is specified for print data that ends on an odd-numbered page, depending on the application or OS, a blank page may be automatically added. The blank page automatically added is counted as a black-and-white page.

#### ■ Scanner function

- Even if [Not Available] is selected in [Use a Destination List that is not DSM] of [General Settings] under [Scanner Settings], you can scan documents with AirPrint.
- When scanning is performed with AirPrint, the following settings are enabled. Settings in [Send Settings] under [Scanner Settings] on the machine are not enabled.
  - [Compression (Black & White)]: On
  - [Compression Method (Black & White)]: MMR
  - [Compression (Gray Scale / Full Color)]: On

#### ❖ The scanner function cannot be used when:

- Available functions are restricted through the user authentication management function

## ■ Fax function

- The name of the sender will be the one used for [First Name] specified for [Program Fax Information] in [Initial Settings] in [Fax Settings]. For details, refer to "Registering and Changing the Sender Information", Fax.  
\*When using a name other than the one used for [First Name], contact your service representative.
- To send faxes, characters that cannot be used in destinations are ignored.
- The default of fax transmission line is set to "outside line". When faxing to an extension number, contact your service representative.
- You can check the transmission result by displaying the communication management report/transmission results.
- You cannot check the contents of the faxes sent with AirPrint on the machine.
- On OS X 10.8, a cover sheet is not sent even if a cover sheet is specified.

### ❖ The fax function cannot be used when:

- Available functions are restricted through the user authentication management function
- The fax function is restricted through the external charge unit
- [Restrict Use of Destinations (Fax)] is set to [On]
- A fax unit is not installed
- A fax header is not set on the machine when the country code is set to Korea
- The fax function is used on the main unit  
Send faxes again when the fax job is complete.
- The hard disk drive of the main unit is full  
Delete the documents stored on the machine.

## Confirming Active Settings for the Functions

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1. Log in to Web Image Monitor as a network administrator.  
Refer to "Logging in to Web Image Monitor ", Introduction and Basic Operations.
2. Click [Device Management] > [Configuration].
3. Click [AirPrint] in [Network].
4. Check that [AirPrint] is set to [Active].  
Unless [Active] is selected, select it.
5. Click [OK].
6. Click [IPv4] in [Network].
7. Check that [IPP] is set to [Active].  
Unless [Active] is selected, select it.
8. Click [OK].
9. Click [Bonjour] in [Network].
10. Check that either of [IPv4] or [IPv6] in [Bonjour] is set to [Active].  
Unless [Active] is selected, select it.
11. Click [OK].

## Confirming the IPP-SSL Settings

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1. Log in to Web Image Monitor as a network administrator.  
Refer to "Logging in to Web Image Monitor ", Introduction and Basic Operations.
2. Click [Device Management] > [Configuration].
3. Click [Device Certificate] in [Security].
4. Check the status of "Certificate 1".
  - Confirm that "Certificate Status" is set to "Installed".
  - Check "Validity Period" and confirm that the certificate is unexpired.
5. Click [OK].
6. Click [SSL/TLS] in [Security].
7. Check the items below and configure proper settings.
  - The version of the Internet protocol used for SSL/TLS is set to [Active].
  - [TLS1.2] in [SSL/TLS Version] is set to [Active].
8. Click [OK].

If you cannot establish a connection by using the procedure above, contact your service representative.



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