Please read this guide before operating this product.
After you finish reading this guide, store it in a safe place for future reference.
How This Manual Is Organized

Chapter 1 Before You Start Using IP Fax
Chapter 2 Sending IP Faxes
Chapter 3 Changing the Settings of the IP Fax
Chapter 4 Troubleshooting
Chapter 5 Appendix

* Considerable effort has been made to ensure that this manual is free of inaccuracies and omissions. However, as we are constantly improving our products, if you need an exact specification, please contact Canon.

* The CD-ROM/DVD-ROM provided for this product may include manuals in PDF format. If you do not have access to Adobe Reader to view the manuals in PDF format, try other programs such as PDF Preview developed by Vivid Document Imaging Technologies.
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Preface

Thank you for purchasing the IP FAX Expansion Kit. The IP FAX Expansion Kit is an optional function that enables you to use the IP fax on Canon network multitasking machines (imageRUNNER ADVANCE series machines, hereinafter referred to as “the machine”). Please read this manual thoroughly before using the product to familiarize yourself with its capabilities, and to use it effectively.

**IMPORTANT**

- In addition to this product, the Super G3 FAX Board is also required to use the IP fax function.
- To use this product, it is necessary to obtain and register a license key. For information on obtaining and registering license keys, see “e-Manual.”

**NOTE**

The descriptions and explanations in this guide assume that the Super G3 FAX Board is attached and the IP FAX Expansion Kit is activated.

**How To Use This Manual**

**Symbols Used in This Manual**

The following symbols are used in this manual to explain procedures, restrictions, handling precautions, and instructions that should be observed for safety.

**IMPORTANT**

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

**NOTE**

Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.
Keys and Buttons Used in This Manual

The following symbols and key/button names are a few examples of how keys and buttons to be clicked or pressed are expressed in this manual:

- **Touch Panel Display Keys:** [Key Name]
  
  Example: [Address Book]
  [SIP Settings]

- **Keys on the Control Panel of the Device:** <Key Icon> + (Key Name)
  
  Example: ☰ (Settings/Registration)

Displays Used in This Manual

Screen shots of the PC displays and the touch panel display used in this manual may differ slightly, depending on the operating system or device that you are using.

The keys which you should press on the device’s touch panel display and the buttons that you need to click during the procedure on your PC screen are marked with ☰, as shown below. When multiple keys or buttons can be pressed, all keys are marked. Select the keys or buttons that suit your needs.

1. **Select the communication mode.**

   Press this key for operation.

Trademarks

Product and company names herein may be the trademarks of their respective owners.
# Before You Start Using IP Fax

This chapter describes the IP fax features and the required optional products that you need to know before using the IP fax function.

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<th>Page</th>
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<td>VoIP Gateway Priority Settings .............................................</td>
<td>1-21</td>
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</tbody>
</table>
What Is IP Fax?

IP Fax Features

IP fax is a fax technology that transmits data over IP networks. It enables real-time transmission as the standard fax that uses a telephone line, and also has the advantages that the standard fax does not have, such as providing high-speed transmission and helping to reduce the transmission costs. IP fax can be sent or received between the IP fax compatible machines on the IP networks, and can be also sent to or received from the G3 fax machine connected to the telephone line via the VoIP gateway that provides the interface between the IP network and the telephone line.

Connection Environments

NOTE

The IP fax of this product is compliant with Recommendation T.38 (Procedures for real-time Group 3 facsimile communication over IP networks).
**Comparison of the IP Fax, I-Fax, and G3 Fax**

As another fax transmission method that uses IP networks as IP fax, “I-fax” is also available. The following table shows the features of each IP fax, I-fax, and G3 fax that are available on an imageRUNNER ADVANCE series machine.

✓: Available -: Unavailable

<table>
<thead>
<tr>
<th></th>
<th>IP Fax</th>
<th>I-Fax</th>
<th>G3 Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Real-time Communication</strong></td>
<td>✓</td>
<td>-</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Sending to or Receiving from the G3 Fax Machine</strong></td>
<td>✓ (via the VoIP gateway)</td>
<td>-</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Transmission Cost</strong></td>
<td>Only network usage fee*1</td>
<td>Only network usage fee</td>
<td>Usage based accounting corresponds to the distance and time</td>
</tr>
<tr>
<td><strong>Remote Fax*2</strong></td>
<td>✓</td>
<td>-</td>
<td>✓</td>
</tr>
</tbody>
</table>

*1 When you send IP faxes to the G3 fax machine, the transmission cost from the VoIP gateway to the destination (that increases with transmission distance and time) is charged.

*2 Remote Fax is a function that enables you to send or receive faxes on the machine without the fax function via the server machine with the fax function. For details, see “e-Manual.”

**NOTE**

I-fax (Intranet fax) communication cannot be performed with other Canon machines using the IP fax. For information on I-fax, see “e-Manual.”
Optional Products Required for IP Faxing and Equipment Preparation for Each Connection Environment

Optional Products Required for IP Faxing

The following optional products are required to use the IP fax function.

**IP FAX Expansion Kit (This Product)**

When the IP FAX Expansion Kit is activated, the setting items for IP faxing become available on the Fax Basic Features screen or in Settings/Registration. To activate the IP FAX Expansion Kit, you need to obtain and register the license key. For details, see “e-Manual.”

**IMPORTANT**

Some available settings are changed in Settings/Registration. (See “Settings/Registration Items that Are Added When the IP FAX Expansion Kit Is Activated,” on p. 3-2.)

**Super G3 FAX Board**

The Super G3 FAX Board is also required to use the IP fax function. You cannot use the IP fax function only with the IP FAX Expansion Kit (this product).

**IMPORTANT**

If you use the IP fax, you cannot install the optional equipment to add G3 lines.

**NOTE**

The Super G3 FAX Board may be standard-equipped.
Equipment Preparation for Each Connection Environment

According to the connection environment, the following equipment is required to use the IP fax function.
For information on the optional products required to use the IP fax function, see “Optional Products

Intranet Environment

Only to send or receive IP faxes within the Intranet, any additional equipment is not required. IP faxes
can be sent or received between IP fax compatible machines. URI addresses are used for specifying
destinations.

NOTE

A URI address is an address which is assigned to each device on the network. The SIP URI format is
used for IP faxing.
Intranet Environment (Using the SIP Server)

A SIP server is a server that establishes a connection between the sender and receiver, and manages the information of the machines used for the destination on the SIP (Session Initiation Protocol) communication.

By using a SIP server, you can use a number for specifying an IP fax destination, instead of an IP address, as a G3 fax destination because it can associate a number, such as an extension number, with the IP address of the machine (IP fax compatible machine). It also helps you to add devices or change IP addresses easily.

NOTE

You need to register the information of the machine that is used for IP faxing on the SIP server in advance.

(1) Machine A requests the information of Machine B for the SIP server.
(2) The SIP server converts the destination number of Machine B into the IP address.
(3) The SIP server calls Machine B to establish a connection between Machines A and B.
(4) Machine A sends an IP fax to Machine B.

• Compatible SIP server
  - Cisco Unified Communication Manager Version 7.1*
  - Cisco Unified Communication Manager Version 8.5*

* Cisco SIP server does not support the following communication settings.
- TLS or IPv6 communication
- TCP for T.38 media communication
- Items other than images for T.38 media type

<table>
<thead>
<tr>
<th>IMPORTANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>When you are using the Cisco SIP server, the machine may not enter the Sleep mode completely even if you set the Sleep mode.</td>
</tr>
</tbody>
</table>
Sending or Receiving from the G3 Fax Machine (via the VoIP Gateway)

A VoIP (Voice over Internet Protocol) gateway is a device which transfers voice through IP networks by converting analog voice data (T.30) into digital IP packets (T.38), or vice versa. By using a VoIP gateway, an IP fax machine and a G3 fax machine can send or receive data to each other.

**NOTE**
Make sure to register a fax number of the VoIP gateway to use for IP faxing in advance.

• Compatible VoIP Gateway
  - Cisco 2901+Ver.15.1(4) M3 VoIP GW*
  - Cisco 2801+Ver.15.1(4) M1 VoIP GW*

* When you use Cisco VoIP GW, you cannot use TLS or IPv6 communication.
Required Settings of the Machine for Using the IP Fax

Flow of Setting

The following settings are required to use the IP fax.

NOTE
To specify the settings, you need to log in to the machine as a user who has the administrator privileges. All settings must be specified by the administrator. For details on the administrator privileges, see “e-Manual.”

1. Settings for Network Connection
For details, see “e-Manual.”

2. IP fax line settings (1-10)

3. Network Environment Settings
The following settings are necessary depending on the network environment you are using.

- Sending and Receiving within the Intranet
  - Intranet Settings (1-10)
  - Settings for Enabling URI Address Registration as a New IP Fax Destination (1-17)
  - Key and Certificate Settings for TLS Encrypted SIP Communications (1-15)
  * TLS is not available if you are using the Cisco SIP server.

- Sending and Receiving within the Intranet (Using the SIP Server)
  - SIP Server Settings (1-13)

- Sending to the Super G3 Fax Machine (via the VoIP Gateway)
  - VoIP Gateway Settings (1-18)
  - VoIP Gateway Priority Settings (1-21)
IP Fax Line Settings

This section describes how to register the unit telephone number and the unit name. The registered unit telephone numbers and unit names are printed at the receiving party’s fax machine when you send a document. It is useful to register the name of your company or department as the unit name.

1. Press (Settings/Registration).

2. Press [Function Settings] → [Send] → [Fax Settings].

3. Press [Set Line] → [IP Fax].

To register the fax number:
☐ Press [Register Unit Telephone Number].
☐ Enter the number of your machine used for IP faxing → press [OK].

To register the unit name:
☐ Press [Register Unit Name].
☐ Enter a name → press [OK].

NOTE
You can set to display/print the Sender Name instead of the name stored as the unit name from [Sender Name (TTI)] in [Options] on the fax basic features screen. For details, see “e-Manual.”

Settings for Sending and Receiving within the Intranet (Intranet Settings)

The following settings are necessary for sending and receiving IP faxes to and from the IP fax compatible machine within the intranet.

- Specifying the SIP information for the machine
- Specifying the SIP server settings to use (when you always use specified SIP server)
1. Press (Settings/Registration).
2. Press [Preferences] → [Network] → [TCP/IP Settings].
3. Press [SIP Settings] → [Intranet Settings].
4. Press [On] for <Use Intranet> → specify the following items.

<table>
<thead>
<tr>
<th>Main Unit URI</th>
<th>Specify the main unit URI in the following formats according to your connection environment.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• If you send/receive IP faxes within the Intranet: sip:*1&lt;IP address of the machine&gt;</td>
</tr>
<tr>
<td></td>
<td>• If you send/receive IP faxes within the Intranet (using the SIP Server): sip:*1&lt;SIP number of the machine&gt;*2@&lt;IP address of the SIP server&gt;</td>
</tr>
</tbody>
</table>

| SIP RX Port Number | Specify the port number to receive the SIP communication. |

| SIP TX Transport | Select the protocol to use for establishing a SIP session. |
| Use TLS          | If you use TLS in the SIP communication, select [On]. |

*1 If you use TLS, enter ‘sips:’ instead of ‘sip:’.

*2 A SIP number is a number associated with the IP address of the machine that is registered on the SIP server. The registered SIP number is used for the destination address when IP faxes are sent to the machine from other machines. You should specify a number that is not duplicated, such as an extension number.
5. Specify the SIP server settings.

If you want to use a SIP server, you need to specify the SIP server settings. For information on how to specify the SIP server settings, see “SIP Server Settings,” on p. 1-13. If you do not want to use a SIP server, this step is not necessary. Proceed to the next step.

6. Press [Media (T.38) Settings].

7. Specify the following items → press [OK].

<table>
<thead>
<tr>
<th>Settings/Registration</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>T.38 TX Transport</td>
<td>Select the protocol to use for transporting data after a SIP session is established. When you use Cisco SIP server, select [UDPTL].</td>
</tr>
<tr>
<td>T.38 Media Type</td>
<td>Select the streaming media type to use for transporting data after a SIP session is established. When you use Cisco SIP server, select [Image].</td>
</tr>
<tr>
<td>T.38 RX Port Number</td>
<td>Specify the port number to receive T.38.</td>
</tr>
<tr>
<td>RTP RX Port Number</td>
<td>Specify the port number to receive RTP.</td>
</tr>
</tbody>
</table>

8. Press [OK].
**SIP Server Settings**

If you want to send or receive IP faxes between the IP fax machines within the Intranet by using the SIP server, you need to specify the SIP server settings.

**IMPORTANT**

You can specify the SIP server settings in [Intranet Settings]. If you specify the SIP server settings, see “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10. in advance.

1. Press [SIP Server Settings].


3. Press [DHCP].

   If you acquire the SIP server address manually, this step is not necessary. Proceed to step 3.

4. Select from [Primary Registrar Server], [Primary Proxy Server], [Secondary Registrar Server], and [Secondary Proxy Server].
5. Enter the following items → press [OK] → [OK].

- **Server Address**: Specify the server address of the SIP server. If you select [DHCP] in step 3, the address of the SIP server is automatically acquired.
- **Port Number**: Specify the port number of the SIP server.
- **User Name**: Specify the user name for authentication that is used when connecting to the SIP server.
- **Password**: Specify the password for authentication that is used when connecting to the SIP server.

**NOTE**
A SIP server can function as both a registrar server and a proxy server. In this case, you need to specify the same address for each server address.

6. Press [OK].
Setting the Key and Certificate Used with TLS Encrypted Communications (SIP)

You can set the Key and Certificate used for TLS encrypted communications for SIP.

**IMPORTANT**
If you use the Cisco SIP server, TLS communication is not available.

1. Press (Settings/Registration).
2. Press [Preferences] → [Network] → [TCP/IP Settings].
3. Press [SIP Settings] → [TLS Settings].
4. Specify the following items for both <RX Settings> and <TX Settings> → press [Key and Certificate].

**RX Settings**

<table>
<thead>
<tr>
<th>Require Client Authentication</th>
<th>Select [On] or [Off].</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you select [On], client authentication is required when receiving the IP fax.</td>
<td></td>
</tr>
<tr>
<td>TX Settings</td>
<td></td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Verify Server Certificate</td>
<td>Select [On] or [Off]. If you select [On], you can confirm whether the TLS server certificate is valid when sending IP fax.</td>
</tr>
<tr>
<td>Verify CN</td>
<td>Select [On] or [Off]. If you select [On], you can check CN (Common Name) when sending IP fax.</td>
</tr>
</tbody>
</table>

5.

Select the key and certificate you want to use for TLS encrypted communications when using IP fax → press [Set as Default Key] → [OK].

![Image](image_url)

**NOTE**
- You cannot select the pair of key and certificate which status is ‘Used’.
- If you press [Certificate Details], you can check the certificate.
- If you press [Display Use Location], you can check what the key and certificate are being used for.

6.

Press [OK].
Using a URI When Registering a New Fax Destination

If you send or receive IP faxes within the Intranet without using the SIP server, you specify a URI address for a destination.

To use a URI address for an IP fax destination, you need to register it in the Address Book or a one-touch button in advance.

If this mode is set to ‘On’, you can specify a URI address to register the destination.

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>For information on registering the destinations, see “Registering IP Fax Destinations,” on p. 2-4.</td>
</tr>
</tbody>
</table>

1. Press (Settings/Registration).

2. Press [Set Destination] → [Use URI When Registering New Fax Destination].

3. Press [On] → [OK].

   Select [Off] if you do not want to use a URI address for a new destination.
Settings for Sending to or Receiving from the G3 Fax Machine (VoIP Gateway Settings)

If you want to send to or receive faxes from the G3 fax machine in the PSTN (Public Switched Telephone Network) via the VoIP gateway, you need to specify the SIP information of the machine and the VoIP gateway settings.

**IMPORTANT**
Other than this setting, set the priority of the VoIP gateway of the destination to use the VoIP gateway. For details, see “VoIP Gateway Priority Settings,” on p. 1-21.

1. Press (Settings/Registration).
2. Press [Preferences] → [Network] → [TCP/IP Settings].
3. Press [SIP Settings] → [VoIP Gateway Settings].
4. Press [On] for <Use VoIP Gateway> → specify the following items.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Unit URI</td>
<td>Specify the main unit URI in the following format.</td>
</tr>
<tr>
<td></td>
<td><code>sip:&lt;fax number to use for IP faxing&gt;*1@&lt;IP address of the machine&gt;</code></td>
</tr>
<tr>
<td>SIP RX Port Number</td>
<td>Specify the port number to receive the SIP communication.</td>
</tr>
</tbody>
</table>

*1 Fax number to use for IP faxing is usually specified as 5000 for use of IP faxing.
Required Settings of the Machine for Using the IP Fax

| SIP TX Transport | Select the protocol to use for establishing a SIP session. |

*1 The specified fax number is used as the fax number of the machine when you send to or receive IP faxes from the G3 fax machine. You need to register the fax number for the VoIP gateway in advance.

5. Press [Register VoIP Gateway].

6. Press [Register].

7. Specify the following items → press [OK] → [OK].

<table>
<thead>
<tr>
<th>Connection Destination</th>
<th>Specify the name of the VoIP gateway.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Address</td>
<td>Enter the IP address of the VoIP gateway.</td>
</tr>
<tr>
<td>Port Number</td>
<td>Specify the port number of the VoIP gateway.</td>
</tr>
</tbody>
</table>

8. Press [Media (T.38) Settings].
9. Specify the following items → press [OK].

<table>
<thead>
<tr>
<th>T.38 RX Port Number</th>
<th>Specify the port number to receive T.38.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTP RX Port Number</td>
<td>Specify the port number to receive RTP.</td>
</tr>
</tbody>
</table>

10. Press [OK].
VoIP Gateway Priority Settings

[VoIP Gateway Priority Settings] enables you to specify the transmission conditions and priority settings for the VoIP gateways that are registered in “Settings for Sending to or Receiving from the G3 Fax Machine (VoIP Gateway Settings),” on p. 1-18.

As a transmission condition, you can specify the first few digits of the fax number of the destination (the G3 fax machine).

When you register multiple transmission conditions, you can list them in order of priority. The condition listed at the top has the highest priority.

The following example shows the case where the transmission conditions and priority settings are specified for three VoIP gateways.

<table>
<thead>
<tr>
<th>Priority</th>
<th>Connection Destination</th>
<th>Transmission Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VoIP Gateway 1</td>
<td>012</td>
</tr>
<tr>
<td>2</td>
<td>VoIP Gateway 2</td>
<td>013</td>
</tr>
<tr>
<td>3</td>
<td>VoIP Gateway 3</td>
<td>01</td>
</tr>
</tbody>
</table>

In this case, if IP faxes are sent to the fax number that starts with ‘012’, they are sent via VoIP Gateway 1, and to the fax number that starts with ‘013’, via VoIP Gateway 2. If the destination fax number starts with ‘014’ or ‘015’, which matches the third priority condition, IP faxes are send via VoIP Gateway 3.

**IMPORTANT**
- You need to specify the [VoIP Gateway Priority Settings], even if only one VoIP gateway are registered.
- If the destination fax number does not match any of the transmission conditions specified in [VoIP Gateway Priority Settings], a sending error occurs and the IP fax cannot be sent.

1. Press © (Settings/Registration).
2. Press [Function Settings] → [Send] → [Fax Settings].
3. Press [VoIP Gateway Priority Settings].
4. Specify the transmission conditions.
☐ Press [Register].

☐ Select the destination and enter the transmission condition → press [Add at Top] or [Add at Bottom].

### Connection Destination
The registered VoIP gateway is displayed. For information on registering the VoIP gateway, see “Settings for Sending to or Receiving from the G3 Fax Machine (VoIP Gateway Settings),” on p. 1-18.

### TX Condition: Fax Number Starts With
Enter the desired first few digits of the fax number.

### 5.
Specify the priority order.

☐ Select the destination from the list → press [Raise Priority] or [Lower Priority] to change the priority.

#### NOTE
If you want to change the specified condition, select it and press [Details/Edit]. If you want to delete the specified condition, select it and press [Delete].
Sending IP Faxes

This chapter describes the procedure for sending IP faxes. Registering an IP fax destination in the Address Book saves you the effort of specifying the address for that destination each time you send an IP fax.

- **Specifying the Communication Mode**
  - Communication Modes
  - Addresses Available for IP Faxing

- **Registering IP Fax Destinations**
  - Registering an IP Fax Destination from a Sent Job Log

- **Sending IP Faxes**
  - Sending an IP Fax to the Destination Registered in the Address Book
  - Sending an IP Fax by Specifying a New Destination
  - Sending an IP Fax from a Sent Job Log
  - Sending an IP Fax from a PC
Specifying the Communication Mode

When sending IP faxes or registering IP fax destinations in the Address Book, you need to select the communication mode according to the connection environment. If the proper communication mode is not selected, the IP fax may be sent to a wrong destination or a transmission error may occur. For information on the connection environment, see “Equipment Preparation for Each Connection Environment,” on p. 1-5.

Communication Modes

You can select a communication mode from the following.

The screen above appears when you specify a destination for faxing.
When the IP FAX Expansion Kit is activated, the drop-down list for selecting a communication mode appears.

<table>
<thead>
<tr>
<th>Communication Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Fax (Intranet)</td>
<td>Select to send an IP fax to an IP fax compatible machine within the intranet or via the SIP server.</td>
</tr>
<tr>
<td>IP Fax (VoIP Gateway)</td>
<td>Select to send an IP fax to the Super G3 fax machine via the VoIP gateway.</td>
</tr>
<tr>
<td>G3</td>
<td>Select to send not an IP fax, but a G3 fax. The default communication mode is [G3].</td>
</tr>
</tbody>
</table>
**IMPORTANT**

Make sure to specify the proper communication mode. For example, imagine the case that you want to send an IP fax to the internal extension number of the IP fax machine within the intranet, but you accidentally set [IP Fax (VoIP Gateway)] for the communication mode. In this case, the IP fax can be sent to the G3 fax machine if the extension number specified for the destination matches the external number of that G3 fax machine. Be sure to check that the communication mode is properly specified when sending an IP fax or registering a destination, and also check the specified mode again on the confirmation screens displayed before sending a fax and after entering a number. (See “Sending an IP Fax to the Destination Registered in the Address Book,” on p. 2-12, “Sending an IP Fax by Specifying a New Destination,” on p. 2-13.)

---

**Addresses Available for IP Faxing**

The following table shows the types of addresses and communication modes that you can specify for IP fax destinations according to your connection environment.

<table>
<thead>
<tr>
<th>Connection Environment</th>
<th>Address</th>
<th>Communication Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within the Intranet</td>
<td>URI address</td>
<td>IP Fax (Intranet)</td>
</tr>
<tr>
<td>Within the Intranet (using the SIP Server)</td>
<td>SIP number (that is registered on the SIP server as the main unit URI of the destination machine)</td>
<td>IP Fax (Intranet)</td>
</tr>
<tr>
<td>To the G3 fax machine (using the VoIP Gateway)</td>
<td>Fax number</td>
<td>IP Fax (VoIP Gateway)</td>
</tr>
</tbody>
</table>
Registering IP Fax Destinations

You can store IP fax destinations in the Address Book.

**IMPORTANT**
To register a URI address, you need to set [Use URI When Registering New Fax Destination] to ‘On’. (See “Using a URI When Registering a New Fax Destination,” on p. 1-17.)

1. Press [Fax] in the Main Menu.
2. Press [Address Book].
3. Press [Register/Edit].
4. Press [Register New Destination].
5. Select [Fax] from the drop-down list.
6. Press [Name].
7. Enter a name for the destination → press [OK].

**NOTE**
The first character that you enter for the name is used for sorting the destination list when you press keys, such as [ABC], [DEF], and [GHI], on the Address Book screen. If [Search by Name] is pressed on the Address Book screen, a screen for narrowing the search in the Address Book appears.
8. Select an address list for registration.

9. Register a destination.

To register a URI address:

☐ Press [To URI Address].

☐ Press [URI Address].

☐ Enter the URI address → [OK].

Enter the IP address of the destination.

NOTE
• You can enter alphanumeric characters and symbols.
• You do not need to enter the prefix ‘sip:’ or ‘sips:’ because it is automatically added.
☐ Press [Set Details] → specify each setting as necessary → press [OK].

<table>
<thead>
<tr>
<th>Subaddress</th>
<th>Enter the subaddress using the numeric keys.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password</td>
<td>Press [Password] → enter the password using the numeric keys. Press [Confirm] → enter the recipient’s password again for confirmation → press [OK]. If the recipient did not set a password for the target subaddress, you do not need to enter a password.</td>
</tr>
<tr>
<td>Space</td>
<td>Insert a space.</td>
</tr>
<tr>
<td>Backspace</td>
<td>Delete the last digit entered.</td>
</tr>
<tr>
<td>ECM TX</td>
<td>The Error Correction Mode (ECM) transmission is enabled for IP faxing even if you set it to ‘Off’.</td>
</tr>
<tr>
<td>Communic. Mode</td>
<td>If you register a URI address, the communication mode is fixed to [IP Fax (Intranet)].</td>
</tr>
</tbody>
</table>

**IMPORTANT**

- Specify a subaddress depending on whether the destination machine supports and uses the subaddress function.
- If you want to attach a subaddress to your send job, make sure that the recipient’s fax machine supports ITU-T (International Telecommunication Union - Telecommunication Standardization Sector) standard subaddresses.

☐ Press [OK].

**To register a SIP number/telephone number:**

☐ Enter the SIP number/telephone number.

**IMPORTANT**

If you insert a pause, it is invalid for IP faxing.
<table>
<thead>
<tr>
<th><strong>Subaddress</strong></th>
<th>Enter the subaddress using the numeric keys.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Password</strong></td>
<td>Press [Password] → enter the password using the numeric keys. Press [Confirm] → enter the recipient’s password again for confirmation → press [OK]. If the recipient did not set a password for the target subaddress, you do not need to enter a password.</td>
</tr>
<tr>
<td><strong>Space</strong></td>
<td>Insert a space.</td>
</tr>
<tr>
<td><strong>Backspace</strong></td>
<td>Delete the last digit entered.</td>
</tr>
</tbody>
</table>
| **Sending Speed** | • When the destination is the IP fax compatible machine within the intranet using the SIP server, you do not need to specify the sending speed. Sending speed is automatically decided depending on the network environment.  
• When the destination is the Super G3 fax machine via the VoIP gateway, select a slower speed. You can select [14400 bps], [9600 bps], or [4800 bps]. |
| **Long Distance** | Select [Long Distance (1)] if transmission errors occur frequently when you make overseas calls (when the number is stored in the Address Book). [Long Distance (2)] or [Long Distance (3)] is invalid for IP faxing. [Long Distance (1)] is also invalid if you send IP faxes to IP fax machines within the Intranet. |
| **ECM TX**    | The Error Correction Mode (ECM) transmission is enabled for IP faxing even if you set it to ‘Off’. |
| **Communic. Mode** | • Select [IP Fax (Intranet)] when the destination is the IP fax compatible machine within the intranet using the SIP server.  
• Select [IP Fax (VoIP Gateway)] when you send IP faxes to the G3 fax machine via the VoIP gateway. |

**IMPORTANT**

- If you want to attach a subaddress to your send job, make sure that the recipient’s fax machine supports ITU-T (International Telecommunication Union - Telecommunication Standardization Sector) standard subaddresses.
- Before sending IP faxes to the G3 fax machine via the VoIP gateway, you need to specify the VoIP gateway priority settings. (See “VoIP Gateway Priority Settings,” on p. 1-21.)

**NOTE**

- For information on the communication mode, see “Specifying the Communication Mode,” on p. 2-2.
- You cannot select the communication mode for which the network settings have not been specified. (See “Required Settings of the Machine for Using the IP Fax,” on p. 1-9.)
10.
Press [OK].

If you are performing Access Number Management for the Address Book, perform the following operation.

☐ Press [Next] → [Access No.] → [Access No.].
☐ Enter the access number → press [Confirm].
☐ Enter the access number again for confirmation → press [OK] → [OK].

NOTE
For information on the access number of the Address Book, see “e-Manual.”

11.
Press [Close] → [OK].

NOTE
You can also register IP fax destinations in [Register Destinations] in [Set Destination] (Settings/Registration) or from sent job logs.
Registering an IP Fax Destination from a Sent Job Log

1. Press [Status Monitor/Cancel].

2. Press [Send] → [Job Log].

3. Select a log → press [Register Destination].

4. Register a destination.

For Address Book:
- Press [Address Book].
- Press [Name].
- Enter a name for the destination → press [OK].
- Press [Set Details] → specify each setting as necessary → press [OK].

<table>
<thead>
<tr>
<th>Subaddress</th>
<th>Enter the subaddress using the numeric keys.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password</td>
<td>Press [Password] → enter the password using the numeric keys. Press [Confirm] → enter the recipient’s password again for confirmation → press [OK]. If the recipient did not set a password for the target subaddress, you do not need to enter a password.</td>
</tr>
<tr>
<td>Space</td>
<td>Insert a space.</td>
</tr>
<tr>
<td>Backspace</td>
<td>Delete the last digit entered.</td>
</tr>
</tbody>
</table>
### Sending Speed
- When the destination is the IP fax compatible machine within the intranet using the SIP server, you do not need to specify the sending speed. Sending speed is automatically decided depending on the network environment.
- When the destination is the Super G3 fax machine via the VoIP gateway, select a slower speed. You can select [14400 bps], [9600 bps], or [4800 bps].

### ECM TX
The Error Correction Mode (ECM) transmission is enabled for IP faxing even if you set it to ‘Off’.

### Long Distance
Select [Long Distance (1)] if transmission errors occur frequently when you make overseas calls (when the number is stored in the Address Book). [Long Distance (2)] or [Long Distance (3)] is invalid for IP faxing. [Long Distance (1)] is also invalid if you send IP faxes to IP fax machines within the Intranet.

### Communic. Mode
- Select [IP Fax (Intranet)] when the destination is the IP fax compatible machine within the intranet using the SIP server.
- Select [IP Fax (VoIP Gateway)] when you send IP faxes to the G3 fax machine via the VoIP gateway.

☐ **Press [OK].**

If you are performing Access Number Management for the Address Book, refer to Step 9 of “Registering IP Fax Destinations,” on p. 2-4.

### For One-Touch:
- ☐ **Press [One-Touch].**
- ☐ **Select a button → press [Next].**
- ☐ **Enter a name for the destination or one-touch name → press [OK].**
- ☐ **Press [Set Details] → specify each setting → press [OK].**

<table>
<thead>
<tr>
<th>Subaddress</th>
<th>Enter the subaddress using the numeric keys.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password</td>
<td>Press [Password] → enter the password using the numeric keys. Press [Confirm] → enter the recipient’s password again for confirmation → press [OK]. If the recipient did not set a password for the target subaddress, you do not need to enter a password.</td>
</tr>
<tr>
<td>Space</td>
<td>Insert a space.</td>
</tr>
<tr>
<td>Backspace</td>
<td>Delete the last digit entered.</td>
</tr>
</tbody>
</table>
| Sending Speed | • When the destination is the IP fax compatible machine within the intranet using the SIP server, you do not need to specify the sending speed. Sending speed is automatically decided depending on the network environment.  
• When the destination is the Super G3 fax machine via the VoIP gateway, select a slower speed. You can select [14400 bps], [9600 bps], or [4800 bps]. |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ECM TX</td>
<td>The Error Correction Mode (ECM) transmission is enabled for IP faxing even if you set it to ‘Off’.</td>
</tr>
<tr>
<td>Long Distance</td>
<td>Select [Long Distance (1)] if transmission errors occur frequently when you make overseas calls (when the number is stored in the Address Book). [Long Distance (2)] or [Long Distance (3)] is invalid for IP faxing. [Long Distance (1)] is also invalid if you send IP faxes to IP fax machines within the Intranet.</td>
</tr>
</tbody>
</table>
| Communic. Mode | • Select [IP Fax (Intranet)] when the destination is the IP fax compatible machine within the intranet using the SIP server.  
• Select [IP Fax (VoIP Gateway)] when you send IP faxes to the G3 fax machine via the VoIP gateway. |

- Press [OK].
**Sending IP Faxes**

This section describes the following four ways for sending IP fax.

- Sending an IP Fax to the Destination Registered in the Address Book (p. 2-12)
- Sending an IP Fax by Specifying a New Destination (p. 2-13)
- Sending an IP Fax from a Sent Job Log (p. 2-14)
- Sending an IP Fax from a PC (p. 2-15)

### Sending an IP Fax to the Destination Registered in the Address Book

You can send an IP fax to the destination registered in the Address Book.

You can send an IP fax by only selecting the destination stored in the Address Book, because the address and the required transmission settings have been registered in the Address Book.

1. Place your originals.


3. Press [Address Book].

4. Select the IP fax destination → press [OK].

<table>
<thead>
<tr>
<th>IMPORTANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>• When you obtain and specify the destination via an LDAP server, the communication mode is [G3]. If you send IP fax, make sure to specify the communication mode.</td>
</tr>
<tr>
<td>• You cannot obtain and specify IP fax destinations on the Remote Address Book.</td>
</tr>
</tbody>
</table>

5. Press ☛(Start).

A confirmation screen appears. Check the destination and the communication mode → press [Yes].

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>You can disable the display of the confirmation screen. For details, see “e-Manual.”</td>
</tr>
</tbody>
</table>

2-12   Sending IP Faxes
6.
Press [Start Sending].

**Sending an IP Fax by Specifying a New Destination**

You can send an IP fax by entering a new IP fax destination.
You need to enter the destination fax number, and also specify the settings required for IP fax sending, such as the communication mode.

<table>
<thead>
<tr>
<th>IMPORTANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you use a URI address for IP faxing, you need to register the URI address in the Address Book beforehand. You cannot send an IP fax by entering a new URI address on the Fax screen. (See “Registering IP Fax Destinations,” on p. 2-4.)</td>
</tr>
</tbody>
</table>

1.
Place your originals.

2.
Press [Fax] in the Main Menu.

3.
Enter the SIP number/fax number using the numeric keys.

4.
Select the communication mode.
Press the drop-down list → select the desired communication mode.

<table>
<thead>
<tr>
<th>IMPORTANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before sending IP faxes to the G3 fax machine via the VoIP gateway, you need to specify the VoIP gateway priority settings. (See “VoIP Gateway Priority Settings,” on p. 1-21.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• For information on the communication mode, see “Specifying the Communication Mode,” on p. 2-2.</td>
</tr>
<tr>
<td>• You cannot select the communication mode for which the network settings have not been specified. (See “Required Settings of the Machine for Using the IP Fax,” on p. 1-9.)</td>
</tr>
</tbody>
</table>
5. Specify each setting as necessary → press [OK].

6. Press ＠ (Start).

A confirmation screen appears. Check the destination and the communication mode → press [Yes].

**NOTE**

• You can disable the display of the confirmation screen. For details, see “e-Manual.”
• If [Confirm Entered Fax Number] is set to ‘On’ to display the confirmation screen after entering a fax number, the destination confirmation screen will not be displayed before sending. You need to confirm and specify the destination and communication mode again on the confirmation screen that is displayed after entering a fax number. (See “Confirming the Entered Fax Number,” on p. 3-10.)

7. Press [Start Sending].

**Sending an IP Fax from a Sent Job Log**

You can send the IP fax by specifying the sent job log.

1. Press [Status Monitor/Cancel].

2. Press [Send] → [Job Log].

3. Select a log → press [Specify as Send Destination].
4. 
Specify each setting as necessary → press \( \text{(Start)} \).

A confirmation screen appears. Check the destination and the communication mode → press [Yes].

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>You can disable the display of the confirmation screen. For details, see “e-Manual.”</td>
</tr>
</tbody>
</table>

5. 
Press [Start Sending].

**Sending an IP Fax from a PC**

You can send IP fax from your PC using the fax driver. For information on sending IP fax from a PC, see the online help of the printer driver.

<table>
<thead>
<tr>
<th>IMPORTANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Even if you send IP fax from a PC, you must specify the settings on the machine beforehand. For details, see “Required Settings of the Machine for Using the IP Fax,” on p. 1-9.</td>
</tr>
<tr>
<td>• You can obtain the latest driver software from the Canon Web site. Check the system requirements, and then download the latest version as necessary.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IMPORTANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Do not turn the main power OFF while sending or receiving IP faxes. Sending or receiving IP faxes cannot be done when the main power switch is turned OFF.</td>
</tr>
<tr>
<td>• After a job is sent, the send settings may be retained except the specified destinations.</td>
</tr>
<tr>
<td>- To cancel the settings, press ( \text{(Reset)} ).</td>
</tr>
<tr>
<td>- To send other jobs with the same settings, specify destinations for the jobs as the destination specified for the previous job is not retained.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>You cannot perform manual sending/receiving, using the IP fax.</td>
</tr>
</tbody>
</table>
Changing the Settings of the IP Fax

If the IP FAX Expansion Kit is activated, settings of the machine and settings information you can import/export are added or changed.
This chapter describes the above settings and settings information.

Settings/Registration Items that Are Added When the IP FAX Expansion Kit Is Activated

- Preferences: Network
- Function Settings: Send
- Set Destination

Settings/Registration Settings that Become Available When the IP FAX Expansion Kit Is Activated

- Function Settings: Common
- Function Settings: Send
- Function Settings: Receive/Forward
- Set Destination: Make Remote Address Book Open
- Management Settings: User Management
- Management Settings: Data Management

Import/Export Function

- Available Settings Information Table with the Import All Function
- Importing/Exporting the Address Book
The following tables show the items that become available when the IP FAX Expansion Kit is activated. For more information on the details of each setting, see the reference in the tables.

### Preferences: Network

#### TCP/IP Settings: SIP Settings

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Can be set in Remote UI</th>
<th>Device Information Delivery Available</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>[Intranet Settings]</strong> (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.)**</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Use Intranet&gt;</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>&lt;Main Unit URI&gt;</td>
<td>Main Unit URI</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>&lt;SIP RX Port Number&gt;</td>
<td>1 to 65535</td>
<td>5060</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>&lt;SIP TX Transport&gt;</td>
<td>UDP, TCP</td>
<td>UDP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>• TCP: Use TLS: On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td><strong>[SIP Server Settings]</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Always Use Specified SIP Server: On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>SIP Server Address Acquisition Method: DHCP</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Setting Description</td>
<td>Default Setting</td>
<td>Can be set in Remote UI</td>
<td>Device Information Delivery Available</td>
</tr>
<tr>
<td>----------------------</td>
<td>---------------------</td>
<td>-----------------</td>
<td>--------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>[Primary Registrar Server]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Server Address</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Port Number: 1 to 65535</td>
<td>5060</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>User Name</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Password</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>[Secondary Registrar Server]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Server Address</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Port Number: 1 to 65535</td>
<td>5060</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>User Name</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Password</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>[Primary Proxy Server]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Server Address</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Port Number: 1 to 65535</td>
<td>5060</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>User Name</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Password</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>[Secondary Proxy Server]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Server Address</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Port Number: 1 to 65535</td>
<td>5060</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>User Name</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Password</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Setting Description</td>
<td>Default Setting</td>
<td>Can be set in Remote UI</td>
<td>Device Information Delivery Available</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------</td>
<td>-----------------</td>
<td>-------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>[Media (T.38) Settings]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T.38 TX Transport: UDPTL, TCP</td>
<td>UDPTL</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>T.38 Media Type: Image, Application</td>
<td>Image</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>T.38 RX Port Number: 1 to 65535</td>
<td>49152</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>RTP RX Port Number: 1024 to 65534</td>
<td>5004</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>[VoIP Gateway Settings] (See “Settings for Sending to or Receiving from the G3 Fax Machine (VoIP Gateway Settings),” on p. 1-18.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Use VoIP Gateway&gt;</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>&lt;Main Unit URI&gt;</td>
<td>Main Unit URI</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>&lt;SIP RX Port Number&gt;</td>
<td>1 to 65535</td>
<td>5060</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>&lt;SIP TX Transport&gt;</td>
<td>UDP, TCP</td>
<td>UDP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>&lt;Register VoIP Gateway&gt;</td>
<td>Register (Connection Destination, IP Address, Port Number), Edit (Connection Destination, IP Address, Port Number), Delete</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Item</td>
<td>Setting Description</td>
<td>Default Setting</td>
<td>Can be set in Remote UI</td>
<td>Device Information Delivery Available</td>
</tr>
<tr>
<td>------</td>
<td>---------------------</td>
<td>-----------------</td>
<td>--------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>[Media (T.38) Settings]</td>
<td>T.38 TX Transport: UDPTL (display only)</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>T.38 Media Type: Image (display only)</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>T.38 RX Port Number: 1 to 65535</td>
<td>49152</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>RTP RX Port Number: 1024 to 65534</td>
<td>5004</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>[TLS Settings] (See “Setting the Key and Certificate Used with TLS Encrypted Communications (SIP),” on p. 1-15.)</td>
<td>&lt;Require Client Authentication&gt;</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>&lt;Verify Server Certificate&gt;</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>• On: Verify CN: On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Item</td>
<td>Setting Description</td>
<td>Default Setting</td>
<td>Can be set in Remote UI</td>
<td>Device Information Delivery Available</td>
</tr>
<tr>
<td>------</td>
<td>---------------------</td>
<td>-----------------</td>
<td>--------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>[Key and Certificate]</td>
<td>Set as Default Key</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Certificate Details (Version, Serial Number, Signature Algorithm, Issued To, Validity Start Date, Validity End Date, Issuer, Public Key, Certificate Thumbprint, Issued To (Alt. Name), Verify Certificate)</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Display Use Location (Key and Certificate)</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTE**

[SIP Settings] can be specified only when you log in to the machine as one of the following administrators. For details on the administrator privileges, see “e-Manual.”

- Administrator (when using User Authentication)
- NetworkAdmin (when using User Authentication)
- System Manager (when using DepartmentID Authentication)
## Function Settings: Send

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Can be set in Remote UI</th>
<th>Device Information Delivery Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Fax Settings]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[Set Line] (See “IP Fax Line Settings,” on p. 1-10.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[IP Fax]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[Register Unit Telephone Number]</td>
<td>User Telephone No.</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>[Register Unit Name]</td>
<td>Register Unit Name</td>
<td>(NULL)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>[VoIP Gateway Priority Settings]</td>
<td>Register (TX Condition, Add at Top, Add at Bottom), Details/Edit, Delete, Raise Priority, Lower Priority</td>
<td></td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTE**

[VoIP Gateway Priority Settings] can be specified only when you log in to the machine as one of the following administrators. For details on the administrator privileges, see “e-Manual.”

- Administrator (when using User Authentication)
- DeviceAdmin (when using User Authentication)
- System Manager (when using DepartmentID Authentication)
## Set Destination

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Can be set in Remote UI</th>
<th>Device Information Delivery Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Register Destinations] (See “Registering IP Fax Destinations,” on p. 2-4.)</td>
<td>Register New Destination, Details/Edit, Delete, Search by Name</td>
<td>-</td>
<td>Yes</td>
<td>Yes*1</td>
</tr>
<tr>
<td>[Use URI When Registering New Fax Destination] (See “Using a URI When Registering a New Fax Destination,” on p. 1-17.)</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

*1 Indicates items that are not delivered as device information: Details/Edit, Delete, Search by Name

### NOTE

[Use URI When Registering New Fax Destination] can be specified only when you log in to the machine as one of the following administrators. For details on the administrator privileges, see “e-Manual.”

- Administrator (when using User Authentication)
- NetworkAdmin (when using User Authentication)
- DeviceAdmin (when using User Authentication)
- System Manager (when using DepartmentID Authentication)
Settings/Registration Settings that Become Available When the IP FAX Expansion Kit Is Activated

This section describes the settings that become available in Settings/Registration when the IP FAX Expansion Kit is activated.
Besides this guide, refer to “e-Manual.”

**Function Settings: Common**

**Output Tray Designation for the IP Fax**

Function Settings > Common > Paper Output Settings > Output Tray Settings
If the optional equipment such as a finisher is attached, you can designate which output tray to use for specific functions.
If the IP FAX Expansion Kit is activated, you can designate [IP Fax] where [Fax] can be designated.

**Function Settings: Send**

**Changing the Default Screen for Fax**

Function Settings > Send > Fax Settings > Default Screen
You can select one of the following screens as the default screen that is displayed when you select a function from the Main Menu, when Auto Reset is activated, or when you press (Reset).
- [Standard]
- [Favorite Settings]
- [Address Book]
If the IP FAX Expansion Kit is activated, [Display Select Line Screen] is not available when selecting [Standard]. If you select [Standard], the screen for specifying destinations is displayed as the default screen.

**Changing the Default Value for Communication Mode**

Function Settings > Send > Fax Settings > Remote Fax TX Settings > IP Fax Communication Mode Settings
Confirming the Entered Fax Number

Function Settings > Send > Fax Settings > Confirm Entered Fax Number

If [Confirm Entered Fax Number] is set to ‘On’, a confirmation screen is displayed when you enter a fax number, to prevent misdialing.

When the IP FAX Expansion Kit is activated, the specified communication mode is also displayed on the screen.

---

Displaying a Confirmation Screen When a Fax Destination Is Set

Function Settings > Send > Fax Settings > Confirm Before Sending When Fax Dest. Included

If the IP FAX Expansion Kit is activated, [Confirm Before Sending When Fax Dest. Included] is automatically set [On] and [All]. Therefore, a confirmation screen for checking the destinations when sending a fax/IP fax is displayed. This enables you to help prevent sending a fax to an incorrect number. (See “Sending IP Faxes,” on p. 2-12.)

---

NOTE

These settings can be specified when you log in to the machine as a user who has the administrator privileges. For details on the administrator privileges, see “e-Manual.”
Function Settings: Receive/Forward

Forwarding Settings

Function Settings > Receive/Forward > Common Settings > Forwarding Settings

You can set the device to store received fax/IP fax/I-fax files in the Confidential Fax Inbox, or forward them to other machines or file servers.

The followings are differences from the non-IP fax.

• ‘Fax: IP Fax’ is added to the <Receive Method:> drop-down list in [Conditions]. Therefore, you can forward the document received by IP fax.

• When forwarding the IP fax to the PC, you can convert the IP fax into the following file format:
  - TIFF, PDF, XPS

Set Destination: Make Remote Address Book Open

Make Remote Address Book Open

Set Destination > Make Remote Address Book Open > Make Address Book Open

You can make the Address Book of this product open to other imageRUNNER ADVANCE series machines on the network.

| NOTE | If the IP FAX Expansion Kit is activated, this setting is not displayed. You cannot open the remote address book to an external client. |

Management Settings: User Management

Checking/Printing/Clearing Page Totals

Management Settings > User Management > Department ID Management

You can check, print, and clear the page total of printed surfaces output by each department. When the IP FAX Expansion Kit is activated, the number of received IP fax documents are counted into the page totals of print jobs without a Department ID (left blank).

| NOTE | This setting can be specified when you log in to the machine as a user who has the administrator privileges. For details on the administrator privileges, see “e-Manual.” |
Management Settings: Data Management

Completely Erasing Unnecessary Data from the Hard Disk

Management Settings > Data Management > HDD Data Complete Deletion

You can completely erase unnecessary or previously deleted data from the hard disk. Sent and received IP fax data are also completely deleted.

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>This setting can be specified when you log in to the machine as a user who has the administrator privileges. For details on the administrator privileges, see “e-Manual.”</td>
</tr>
</tbody>
</table>
You can save (export) the Address Book and other settings such as forwarding settings that are registered in the machine as a file that can be loaded (imported) into the Canon machines when needed.

The Import/Export function is enabled on the Remote UI. For details, see “e-Manual.”

### NOTE
Import/Export can be performed when you log in to the machine as a user who has the administrator privileges. For details on the administrator privileges, see “e-Manual.”

#### Type of the Import All Function

- **Case A:**
  Importing all to the exported machine (Restoring the settings information to the machine for backups)

  ![Diagram A](image1.png)

- **Case B:**
  Importing all to the same model machine with the exported machine

  ![Diagram B](image2.png)

- **Case C:**
  Importing all to the different model machine that supports the Import All function

  ![Diagram C](image3.png)
IMPORTANT

In case C, the Import All function may not be enabled, depending on the model of the destination device for importing. For more information, contact your local authorized Canon dealer.
## Available Settings Information Table with the Import All Function

The following table shows the settings that you can additionally import all if the IP FAX Expansion Kit is activated.

### Preferences

<table>
<thead>
<tr>
<th>Setting Information</th>
<th>Case A</th>
<th>Case B</th>
<th>Case C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SIP Settings</strong></td>
<td>Intranet Settings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Use Intranet</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Main Unit URI</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>• SIP RX Port Number</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• SIP TX Transport</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• SIP Server Settings</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Media (T.38) Settings</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>VoIP Gateway Settings</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Use VoIP Gateway</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Main Unit URI</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>• SIP RX Port Number</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• SIP TX Transport</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Register VoIP Gateway</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Media (T.38) Settings</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>TLS Settings</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
## Function Settings

<table>
<thead>
<tr>
<th>Setting Information</th>
<th>Case A</th>
<th>Case B</th>
<th>Case C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Set Line</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>IP Fax</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VolIP Gateway Priority Settings</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
Importing/Exporting the Address Book

If you export the destinations stored in the address book, destinations related to fax are automatically classified into fax and IP fax.

In case B or C, if you import the exported destinations, the type of the importable destination related to fax differs depending on the model of the destination device for importing.

✓: Import function is enabled.
-: Import function is disabled.

<table>
<thead>
<tr>
<th>Type of Destination</th>
<th>IP Fax Non-Compatible Model</th>
<th>IP Fax Compatible Model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>The IP FAX Expansion Kit is not activated</td>
</tr>
<tr>
<td>Fax</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>IP Fax</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Troubleshooting

This chapter includes a list of numbers that start with “#” (error codes)/messages, reports, and glossary related to IP fax. Please read this chapter if an error occurs or if you want to print reports of various settings/logs.

List of Numbers that Start with “#” (Error Codes) without Messages

#1000 to 1099
#1300 to 1399
#1400 to 1499
#1500 to 1599
#1600 to 1699

List of Error Messages

Reports

FAX TX REPORT/FAX ERROR TX REPORT
FAX MULTI TX REPORT
FAX RX REPORT
CONFIDENTIAL FAX INBOX RX REPORT
COMMUNICATION MANAGEMENT REPORT TX/RX
FAX ACTIVITY REPORT TX/RX
ADDRESS LISTS
List of Numbers that Start with “#” (Error Codes) without Messages

If an IP fax job does not complete successfully, the number that starts with “#” (error code) indicating the error status is displayed. You can check the number that starts with “#” (error code) on the Details screen for Log on the Status Monitor/Cancel screen or the Communication Management Report. This section describes the numbers that start with “#” (error codes) displayed when errors occur during IP faxing, and the procedure for resolving them. If an error persists even though you follow the indicated remedies, consult the administrator for the network you are using.

**IMPORTANT**
The #1300 or subsequent numbers are compliant with RFC (Request for Comments).

**NOTE**
For information on the numbers that start with “#” (error codes) which are not listed on this guide, see “e-Manual.”

## #1000 to 1099

If a number between #1000 and #1099 appears, refer to the following remedies.

### #1022

<table>
<thead>
<tr>
<th>Cause 1</th>
<th>The SIP settings corresponding to the communication mode specified when sending an IP fax is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remedy</td>
<td>Check the SIP settings. (See “Required Settings of the Machine for Using the IP Fax,” on p. 1-9.)</td>
</tr>
<tr>
<td>Cause 2</td>
<td>When [IP Fax (VoIP Gateway)] is set for the communication mode for IP faxing, the destination number does not match any of the conditions specified in [VoIP Gateway Priority Settings].</td>
</tr>
<tr>
<td>Remedy</td>
<td>Check the VoIP gateway priority settings. (See “VoIP Gateway Priority Settings,” on p. 1-21.)</td>
</tr>
</tbody>
</table>
#1097

<table>
<thead>
<tr>
<th>Cause</th>
<th>The necessary SIP settings are not specified, or an error has occurred on the machine.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remedy</td>
<td>Check the SIP settings. (See “Required Settings of the Machine for Using the IP Fax,” on p. 1-9.)</td>
</tr>
</tbody>
</table>

#1098

<table>
<thead>
<tr>
<th>Cause 1</th>
<th>The character that cannot be used for IP faxing is included in the specified destination.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remedy</td>
<td>Check the specified destination number.</td>
</tr>
<tr>
<td>Cause 2</td>
<td>[PBX] is selected and the PBX type is set to [Hooking] in [R-Key Setting], and the R-key is included in the specified destination.</td>
</tr>
<tr>
<td>Remedy</td>
<td>Check that the destination number does not include the R-key.</td>
</tr>
</tbody>
</table>

#1300 to 1399

If a number between #1300 and #1399 appears, check the network status or the SIP server settings. (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.)

#1300

Received a redirect response from the SIP server (received SIP Error 300: Multiple Choices).

#1301

Received a redirect response from the SIP server (received SIP Error 301: Moved Permanently).

#1302

Received a redirect response from the SIP server (received SIP Error 302: Moved Temporarily).

#1305

Failed to communicate with the destination, because access via a proxy server was requested (received SIP Error 305: Use Proxy).

#1380

Received a redirect response from the SIP server (received SIP Error 380: Alternative Service).
#1400 to 1499

If a number between #1400 and #1499 appears, wait a while, and then try sending again. The error can be resolved.

The following describes the details on each number.

#1400
Received a response from the SIP server stating that the request was invalid (received SIP Error 400: Bad Request).

#1401
Received a response from the SIP server stating that authentication failed (received SIP Error 401: Unauthorized).

* Confirm that the authentication information specified for the machine does not match that specified for the SIP server. (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.)

#1402
Received a response from the SIP server stating that the request was denied (received SIP Error 402: Payment Required).

#1403
Received a response from the SIP server stating that the request was denied (received SIP Error 403: Forbidden).

#1404
Received a response from the SIP server stating that the specified destination could not be found (received SIP Error 404: Not Found).

* Check the destination settings. (See “Sending IP Faxes,” on p. 2-12.)
* Check the destinations registered on the SIP server.

#1405
Received a response from the destination stating that access is denied (received SIP Error 405: Method Not Allowed).

#1406
Received a response from the SIP server stating that the request was denied (received SIP Error 406: Not Acceptable).

#1407
Received a response from the SIP server stating that the proxy authentication failed. (received SIP Error 407: Proxy Authentication Required).

* Confirm that the authentication information specified for the machine does not match that specified for the SIP server. (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.)
#1408
Received a response from the SIP server stating that the connection timed out (received SIP Error 408: Request Timeout).

#1410
Received a response from the SIP server stating that the specified destination could not be found (received SIP Error 410: Gone).

#1413
Received a response from the SIP server stating that the size of the data was too large (received SIP Error 413: Request Entity Too Large).

#1414
Received a response from the SIP server stating that the URI was too long (received HTTP Error 414: Request-URI Too Long).

#1415
Received a response from the SIP server stating that the request includes an unsupported media type (received SIP Error 415: Unsupported Media Type).

#1416
Received a response from the SIP server stating that the scheme of the URI is not supported on the server (received SIP Error 416: Unsupported URI Scheme).

#1420
Received a response from the SIP server stating that the request was denied (received SIP Error 420: Bad Extension).

#1421
Received a response from the SIP server stating that the request was denied (received SIP Error 421: Extension Required).

#1422
Received a response from the SIP server stating that the request was denied (received SIP Error 422: Session Interval Too Small).

#1423
Received a response from the SIP server stating that the request was denied (received SIP Error 423: Interval Too Brief).

#1480
Received a response from the SIP server stating that the recipient’s machine is unable to communicate (received SIP Error 480: Temporarily Unavailable).

#1481
Received a response from the SIP server stating that the request was denied (received SIP Error 481: Call/Transaction Does not Exist).
#1482
Received a response from the SIP server stating that the request includes itself in the path (received SIP Error 482: Loop Detected).

#1483
Received a response from the SIP server stating that there are too many hops (received SIP Error 483: Too Many Hops).

#1484
Received a response from the SIP server stating that the URI is incomplete (received SIP Error 484: Address Incomplete).

#1485
Received a response from the SIP server stating that the URI is ambiguous (received SIP Error 485: Ambiguous).

#1486
Received a response from the SIP server stating that the recipient’s machine is unable to communicate (received SIP Error 486: Busy Here).

#1487
Received a response from the SIP server stating that the request was terminated (received SIP Error 487: Request Terminated).

#1488
Received a response from the SIP server stating that the request was denied (received SIP Error 488: Not Acceptable Here).

* Confirm that the SIP settings and the media (T.38) settings on the machine match those on the SIP server. (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.)

#1491
Received a response from the SIP server stating that the request was denied (received SIP Error 491: Request Pending).

#1493
Received a response from the SIP server stating that the request was denied (received SIP Error 493: Undecipherable).
If a number between #1500 and #1599 appears, check the SIP server settings. (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.)

The following describes the details on each number.

#1500
Received a response from the SIP server stating that the server encountered an unexpected condition that prevented it from executing the request (received SIP Error 500: Server Internal Error).

#1501
Received a response from the SIP server stating that the server does not support the functions required to complete the request (received SIP Error 501: Not Implemented).

#1502
Received a response from the SIP server stating that the proxy server failed to communicate with the server above it (received SIP Error 502: Bad Gateway).

#1503
Received a response from the SIP server stating that the server is unable to handle the current request (received SIP Error 503: Service Unavailable).

#1504
Received a response from the SIP server stating that the proxy server failed to communicate with the server above it (received SIP Error 504: Server Time-out).

#1505
Received a response from the SIP server that the server does not support the functions required to complete the request (received SIP Error 505: SIP Version not supported).

#1513
Received a response from the SIP server stating that the size of the data is too large (received SIP Error 513: Message Too Large).
#1600 to 1699

If a number between #1600 and #1699 appears, check the network status or the SIP server settings. (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.) The following describes the details on each number.

#1600
Received a response from the SIP server stating that the recipient’s machine is unable to communicate (received SIP Error 600: Busy Everywhere).

#1603
Received a response from the SIP server stating that the recipient’s machine is unable to communicate (received SIP Error 603: Decline).

#1604
Received a response from the SIP server stating that the specified destination does not exist (received SIP Error 604: Does Not Exist Anywhere).

#1606
Received a response from the SIP server stating that the request was denied (received SIP Error 606: Not Acceptable).
List of Error Messages

This section describes the error messages displayed when an error occurs during IP faxing, and the procedure for resolving them. The error messages are displayed on the bottom of the touch panel display or on a pop-up window.

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>For information on the error messages which are not listed on this guide, see “e-Manual.”</td>
</tr>
</tbody>
</table>

**Cannot use the specified address. You cannot send to IP Fax addresses when on-hook.**

<table>
<thead>
<tr>
<th>Cause</th>
<th>The URI address is specified for the destination in the on-hook mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remedy 1</td>
<td>Use a fax number for the destination, instead of the URI address.</td>
</tr>
<tr>
<td>Remedy 2</td>
<td>If you want to use the URI address for the destination, do not use on-hook dialing.</td>
</tr>
</tbody>
</table>

**IP Fax: A network communication error occurred.**

<table>
<thead>
<tr>
<th>Cause</th>
<th>A network error occurred.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remedy 1</td>
<td>Wait a while, and try sending again.</td>
</tr>
<tr>
<td>Remedy 2</td>
<td>Contact the administrator for the network which you are using.</td>
</tr>
</tbody>
</table>

**IP Fax: The network is busy.**

<table>
<thead>
<tr>
<th>Cause</th>
<th>Communication could not be performed because network is busy.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remedy 1</td>
<td>Wait a while, and try sending again.</td>
</tr>
<tr>
<td>Remedy 2</td>
<td>Contact the administrator for the network which you are using.</td>
</tr>
</tbody>
</table>
An error occurred when registering to SIP server. (#nnn)

<table>
<thead>
<tr>
<th><strong>Cause</strong></th>
<th>An error occurred during communication with the SIP server. A three digit number that starts with “#” (error code) is displayed in (#nnn).</th>
</tr>
</thead>
</table>
| **Remedy 1** | Check the number that starts with “#” (error code) displayed in (#nnn), and see “List of Numbers that Start with “#” (Error Codes) without Messages,” on p. 4-2 on this guide.  
If you refer to this guide, add ‘1’ at the beginning of the first digit in (#nnn) to read as four digits.  
Example: When ‘#408’ is displayed in (#nnn), see the description of ‘#1408’ on this guide. |
| **Remedy 2** | Check the settings for the SIP server. (See “Settings for Sending and Receiving within the Intranet (Intranet Settings),” on p. 1-10.) |
| **Remedy 3** | Contact the administrator for the network which you are using. |
Reports

You can print various types of reports from the machine, to check settings and logs. The printing method differs, depending on the report.

Some reports can be printed manually when required, and others can be set to be printed automatically under a specific condition.

This section describes the reports whose contents are changed when the IP FAX Expansion Kit is activated.

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>For information on the reports which are not listed on this guide, see “e-Manual.”</td>
</tr>
</tbody>
</table>

FAX TX REPORT/FAX ERROR TX REPORT

A Fax TX Report can be printed automatically after the documents are sent. You can also set the machine to print a Fax TX Report only when a transmission error occurs, or adjust the Fax TX Report setting to print the first part of the document as part of the report to remind you of the document’s contents.

For information on each setting, see “e-Manual.”

The items that are changed when the IP FAX Expansion Kit is activated are indicated below.

Contents are changed if the IP FAX Expansion Kit is activated:

• DESTINATION ADDRESS
  The fax number of the destination is printed, up to the first 48 digits.
  If the URI address is registered, the URI address is printed instead of the fax number.

Printed only if the IP FAX Expansion Kit is activated:

• COMM. MODE
  The communication mode is printed.
  - G3: G3, ECM
  - IP fax: IP, IPECM
**FAX MULTI TX REPORT**

If a sequential broadcast transmission is performed when [FAX TX REPORT] is set to On, a Fax Multi TX Report is automatically printed.

You can also print a Fax Multi TX Report with an image of the sent original attached to it.

For information on each setting, see “e-Manual.”

The items that are changed when the IP FAX Expansion Kit is activated are indicated below.

**Contents are changed if the IP FAX Expansion Kit is activated:**

- **TX INCOMPLETE**  
  If a transmission is incomplete, the fax number/URI address and the name of the destination are printed.

- **TRANSACTION OK**  
  The fax number/URI address and the name of the destination of a completed transmission are printed.

- **ERROR**  
  If a sending error occurs, the fax number/URI address and the name of the destination are printed.

**NOTE**  
If it is unclear whether the document was successfully received at the destination, “-----” is printed.

**FAX RX REPORT**

A Fax RX Report can be printed automatically after documents are received, and you can also set the machine to print a Fax RX Report only when a reception error occurs.

For information on each setting, see “e-Manual.”

The items that are added or changed when the IP FAX Expansion Kit is activated are indicated below.

**Contents are changed if the IP FAX Expansion Kit is activated:**

- **DESTINATION ADDRESS**  
  The fax number/URI address of the sender is printed, up to the first 48 digits.

**Printed only if the IP FAX Expansion Kit is activated:**

- **COMM. MODE**  
  The Communication mode is printed.
    - G3: G3, ECM
    - IP fax: IP, IPECM
CONFIDENTIAL FAX INBOX RX REPORT

This report is used to check whether documents have been successfully received in Confidential Fax Inboxes.

The items that are changed when the IP FAX Expansion Kit is activated are indicated below.

Contents are changed if the IP FAX Expansion Kit is activated:
• DESTINATION ADDRESS
  The fax number/URI address of the sender is printed, up to the first 48 digits.

COMMUNICATION MANAGEMENT REPORT TX/RX

A Communication Management Report can be printed either automatically or manually.
A Communication Management Report is automatically printed when either the number of communication results reaches a specific number, or a specified time is reached. The send and receive logs can also be printed separately.
For details, see “e-Manual.”

The items that are changed when the IP FAX Expansion Kit is activated are indicated below.

Contents are changed if the IP FAX Expansion Kit is activated:
• COMM. MODE
  The type and mode of transmission are printed.
  - Transmission type: Send (TX), Receive (RX)
  - Communication Mode:
    IP fax: IP, IPECM
    Others: FTP, SMB, WebDAV, Mail Box (MAIL BOX), I-Fax (I-FAX), E-mail (E-MAIL), G3, ECM
A Fax Activity Report can be printed either automatically or manually.
The Fax Activity Report can be printed at a specified time or it can be printed automatically when the number of send and receive transmissions reaches a specific number. The send and receive logs can also be printed separately.
For details, see “e-Manual.”
The items that are changed when the IP FAX Expansion Kit is activated are indicated below.

Contents are changed if the IP FAX Expansion Kit is activated:

- DESTINATION ADDRESS
  The name and fax number of the remote party are printed. If a subaddress or Sender Name has been specified, it is printed beneath the fax number.
  If the URI address is registered, the URI address is printed instead of the fax number.

- COMM. MODE
  The communicated contents and the Communication mode are printed.
  - Sending: TX, Sequential Broadcast TX, Delayed Sequential Broadcast, Transfer TX, Direct Sending
  - Receiving: Manual RX, Automatic RX, Confidential Fax Inbox RX, Memory RX, Transfer RX
  - Communication Mode:
    G3: Blank, ECM
    IP FAX: IP, IPECM

You can manually print the list of the selected Address List whenever necessary.
For information on the printing method and each setting, see “e-Manual.”
The items that are changed when the IP FAX Expansion Kit is activated are indicated below.

Contents are changed if the IP FAX Expansion Kit is activated:

- DESTINATION ADDRESS
  If the Class is “FAX”:
  The fax number is printed on the first line, and the subaddress on the second line, if it is specified.
  If the URI address is registered, the URI address is printed instead of the fax number.
Appendix

Specifications ........................................................................................................... 5-2
## Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sending Original Sizes</td>
<td>11” x 17” to STMTR, A3, B4, A4, A4R, B5(^*1), B5R(^*2), A5(^*2), A5R(^*2)</td>
</tr>
<tr>
<td>Scan line Density (Scan, Transmission)</td>
<td>Normal: 8 pels(^*3)/mm x 3.85 line/mm</td>
</tr>
<tr>
<td></td>
<td>Fine: 8 pels(^*3)/mm x 7.7 line/mm</td>
</tr>
<tr>
<td></td>
<td>Super-Fine: 8 pels(^*3)/mm x 15.4 line/mm</td>
</tr>
<tr>
<td></td>
<td>Ultra-Fine: 16 pels(^*3)/mm x 15.4 line/mm</td>
</tr>
<tr>
<td>Communication Protocol</td>
<td>SIP, JT-T.38</td>
</tr>
<tr>
<td>Telephone Line Used</td>
<td>Ethernet (10base-T/100base-TX/1000base-T)</td>
</tr>
<tr>
<td>Transmission Type</td>
<td>Intranet, VoIP Gateway</td>
</tr>
</tbody>
</table>

*1 Sent as B4.  
*2 Sent as A4.  
*3 Pels stands for picture elements (pixels).