



# Browser Unit

## Operating Instructions

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- 1 Overview of Browser Unit
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## Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

## Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.



## Notes

Some illustrations in this manual might be slightly different from the machine. Certain options might not be available in some countries. For details, please contact your local dealer.



# How to Read This Manual

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## Symbols

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This manual uses the following symbols:

### **Important**

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

### **Limitation**

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

### **Note**

Indicates supplementary explanations of the machine's functions, and instructions on resolving user errors.

### **Reference**

This symbol is located at the end of sections. It indicates where you can find further relevant information.

**[    ]**

Keys built into the machine's control panel.

**[    ]**

Keys that appear on the machine's display panel.

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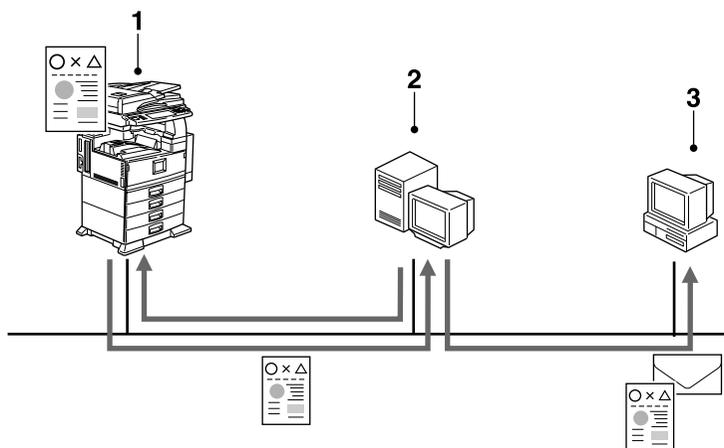
# 1. Overview of Browser Unit

## What is Browser Unit?

Installing Browser Unit enables you to display information obtained from server applications on the display panel of network devices as Web pages.

In this manual, these device functions are referred to as Device Browser functions.

Device Browser enables a server application and device to communicate, allowing scanned data to be sent to the server application, where the user can perform various operations.



AKU001S

### 1. Network device (this machine)

Information acquired from the server application is displayed on the display panel of the network device as Web pages.

Sends scanned documents to a server application.

### 2. Server applications

Processes data sent from the network device using the appropriate server application.

### 3. Client computer

Receives e-mails and scanned documents that are sent from server applications.



# 2. Setting Browser Unit

## Preparation

The following settings are required to use Device Browser after Browser Unit is installed:

- Network device settings  
Make network device settings for obtaining Web page information from a server application and sending scanned data using Device Browser.
- Server application settings  
Make settings for acquiring data from Device Browser.

### Reference

For details about network device settings, see p.4 “Device Browser Settings”.

For details about server application settings, see the relevant manual.

# Device Browser Settings

You can make the following Device Browser settings:

- **Browser Default Settings**  
Make proxy server settings and add URLs for Web pages you want to browse. Make settings to link certain server applications to Device Browser.
- **Temporary File Management**  
Set the maximum HDD space for temporary files, or delete files. Displayed Web page files are saved in the network device as temporary files. To view Web pages again, using temporary files allows them to open faster.

**Limitation**

- If settings are not reflected when the screen changes, undo the settings for using temporary files.

**Reference**

For details about network device operations, see the network device manuals.

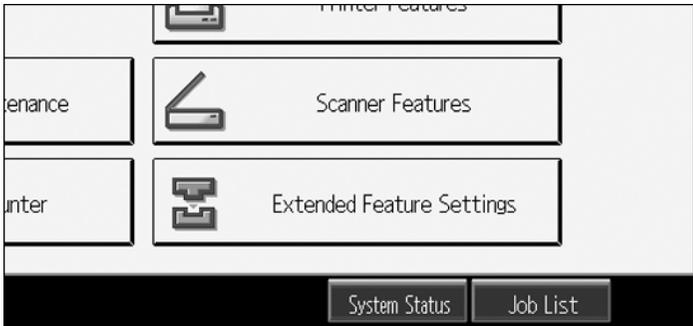
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## Browser Default Settings

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Make settings for connecting to a server application using Device Browser.

- 1** Press the **[User Tools / Counter]** key.  
The User Tools / Counter / Enquiry screen appears.
- 2** Press **[Extended Feature Settings]**.



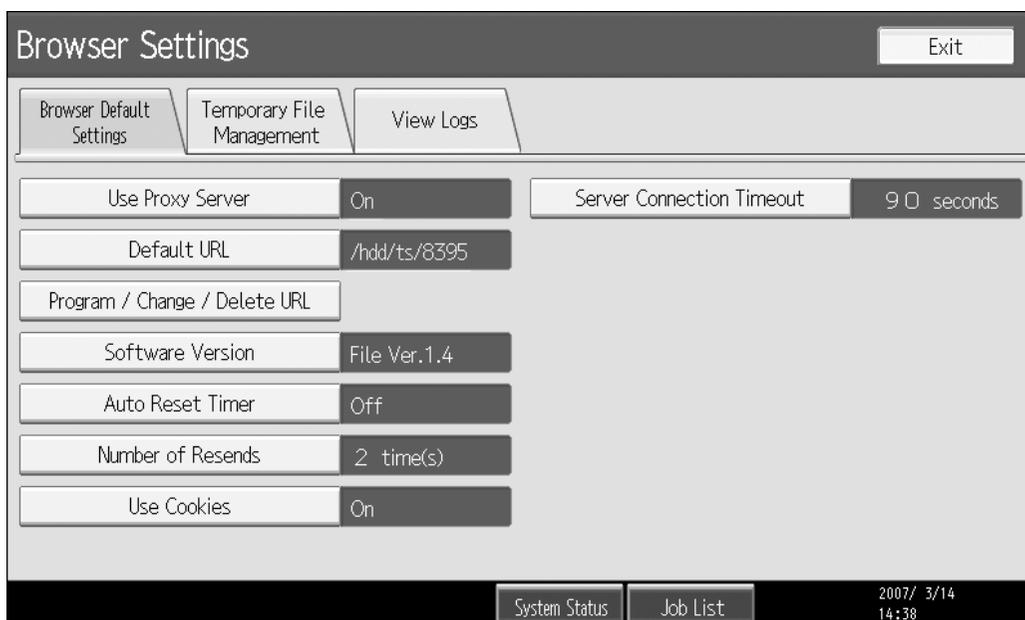
The Extended Feature Setting Menu screen appears.

**3** Press **[Browser]**.

The Browser Settings screen appears.

**4** Press **[Browser Default Settings]**.

The Browser Default Settings screen appears.



## 5 Make settings for Device Browser, and then press [Exit].

- ① Use Proxy Server  
Press [Use Proxy Server].

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The screenshot shows the 'Browser Settings' window. At the top right is an 'Exit' button. Below the title bar, there is a 'Use Proxy Server' section with an 'Exit' button. Underneath, it says 'Select item(s)' and has two buttons: 'On' (highlighted) and 'Off'. The main area contains four proxy-related settings, each with a 'Change' button:

- Proxy Server Name: [Text Field] Change
- Proxy Port: [0] Change (with a note '< 0 to 65535 >')
- Proxy User Name: [Text Field] Change
- Proxy Password: [Change] button

On the right side, there is a '1/2' indicator and 'Previous' and 'Next' navigation buttons. At the bottom, there are 'System Status' and 'Job List' buttons, and a timestamp '2005/11/22 17:56'.

Press [Next] to display the screen below.

The screenshot shows the 'Browser Settings' window, page 2 of 2. At the top right is an 'Exit' button. Below the title bar, there is a 'Use Proxy Server' section with an 'Exit' button. Underneath, it says 'Select item(s)' and has two buttons: 'On' and 'Off' (highlighted). The main area contains one setting:

- Exceptional Addresses: Do not use proxy server for addresses beginning with: [Text Field] Change

Below this is the instruction 'Use comma (,) to separate entries.' On the right side, there is a '2/2' indicator and 'Previous' and 'Next' navigation buttons. At the bottom, there are 'System Status' and 'Job List' buttons, and a timestamp '2005/11/22 17:57'.

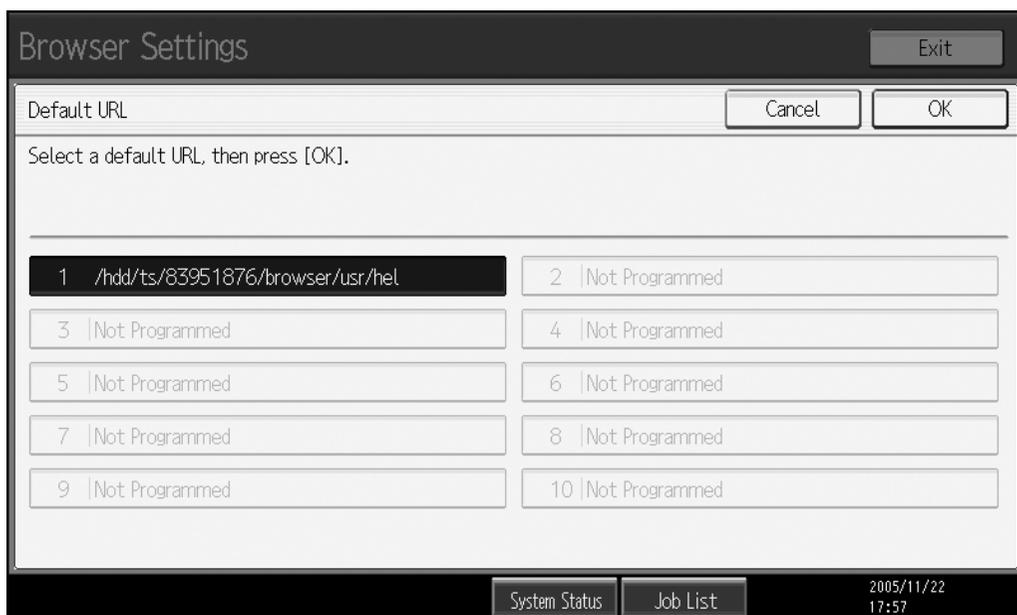
To use a proxy server for connecting to a server application, select **[On]**, and then press **[Exit]**.

If **[On]** is selected, the following items can be entered:

- Proxy Server Name
- Proxy Port
- Proxy User Name
- Proxy Password
- Exceptional Addresses

② Default URL

Press **[Default URL]**.



The screenshot shows a 'Browser Settings' dialog box with a title bar and an 'Exit' button. The main area is titled 'Default URL' and contains a 'Cancel' and 'OK' button. Below the title, it says 'Select a default URL, then press [OK]'. There are ten input fields arranged in two columns. The first field contains the URL '/hdd/ts/83951876/browser/usr/hel', while the other nine fields contain 'Not Programmed'. At the bottom of the dialog, there are buttons for 'System Status' and 'Job List', and a timestamp '2005/11/22 17:57'.

Select the URL of the Web page you want to display when Device Browser starts, and then press **[OK]**.

③ Program / Change / Delete URL  
Press **[Program / Change / Delete URL]**.

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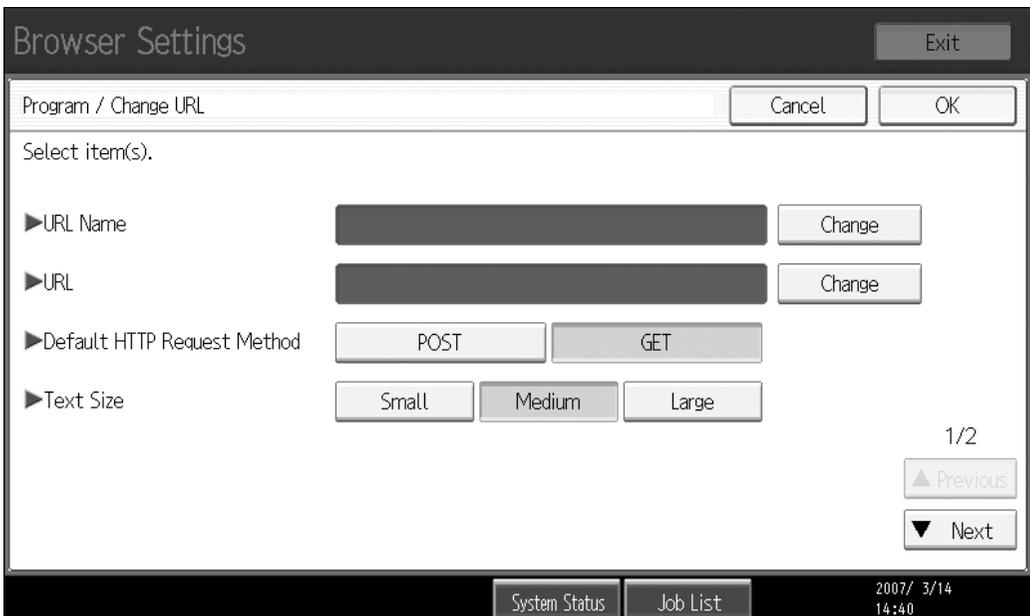


Add URLs 1 to 4 under the server application. They cannot be added, changed, or deleted from the network device.

Add or modify a URL by selecting URLs 5 to 10.

If adding or modifying a URL, press **[Program / Change]** and make settings on the screen that is displayed by selecting URLs 5 to 10, and then press **[Exit]**.

If deleting URL, press **[Delete]** and select URLs 5 to 10, and then press **[Exit]**.



Press **[Next]** to display the screen below.

If **[Program / Change]** is selected, the following items can be entered:

- URL Name
- URL
- Default HTTP Request Method
- Text Size
- Max HDD Space for Downloaded Files  
The maximum space to save files that are downloaded from the delivery server connected to the machine, to the machine's hard disk.
- Auto Delete Downloaded Files  
The period after which downloaded files are deleted.
- Default Character Code Set  
Set character code that is used for displaying the HTML file, when it is not set in the file.

**Note**

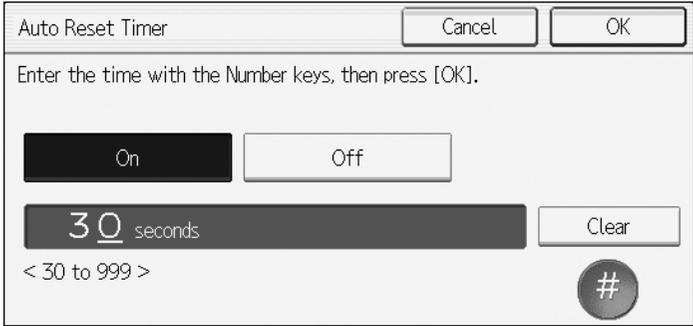
- On **[Default HTTP Request Method]**, select a format to connect to the added URL.

④ Software Version

Press **[Software Version]**.

Check the Device Browser version information, and then press **[Exit]**.

⑤ Auto Reset Timer  
Press [**Auto Reset Timer**].

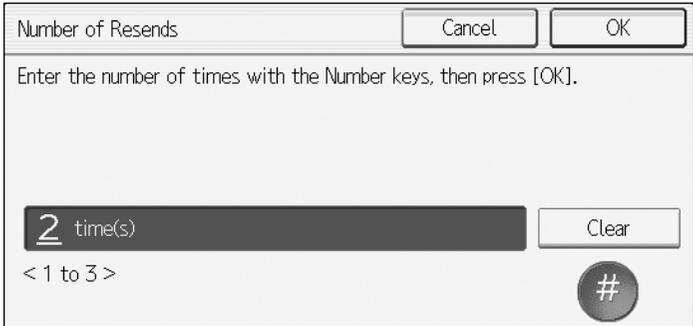


To reset the display when the network device is not used for a specified period, select [**On**]. Enter the time that must elapse before the reset, and then press [**OK**].

 **Note**

- When the display resets, the Web page specified with the default URL appears.

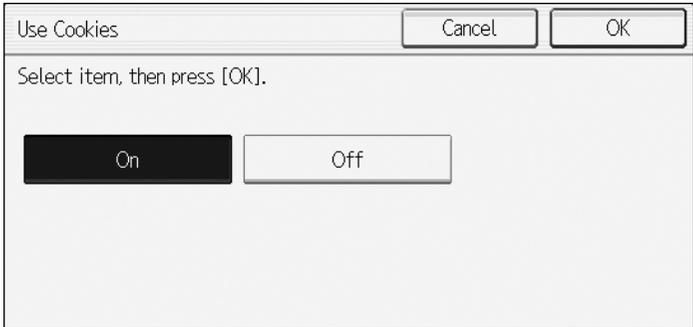
⑥ Number of Resends  
Press [**Number of Resends**].



Enter the number of resends you want to perform if nothing responds after the period specified in [**Server Connection Timeout**] elapses, or a sending error occurs when scanned data is sent to server applications. Then press [**OK**].

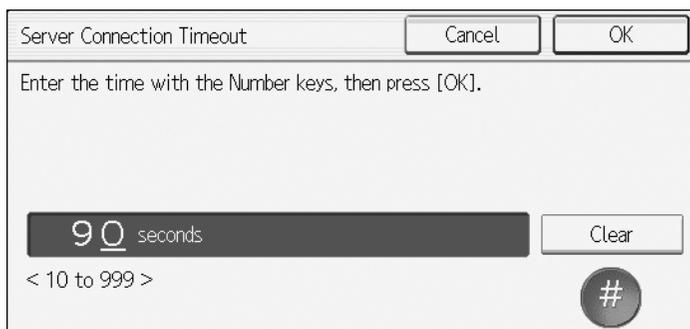
⑦ Use Cookies  
Press [**Use Cookies**].

Depending on the Web page, you can use cookies for saving settings. This makes settings easier to make and saves time.



To use cookies, select [**On**], and then press [**OK**].

- ⑧ **Server Connection Timeout**  
Press [**Server Connection Timeout**].



Enter the duration period for which the connection to the server is attempted, and then press [**OK**].

 **Note**

- If you set a long period for the [**Server Connection Timeout**], there may be several seconds before the screen appears.

- ⑨ **Exit**  
Changes made to settings are saved.

**6** Press [**Exit**].

The User Tools / Counter / Enquiry screen reappears.

**7** Press [**Exit**].

The setting screen closes.

## Temporary File Management

You can save displayed Web page files to network devices as temporary files. To view Web pages again, using temporary files allows them to open faster.

You can make the following settings for managing temporary files:

- Use Temporary Files
- Max HDD Space for Temporary Files
- Auto Delete Temporary Files
- Delete All Temporary Files

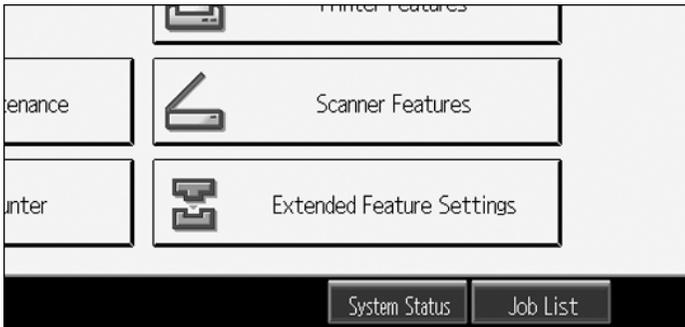
**! Limitation**

- If settings are not reflected when the screen changes, undo the settings for using temporary files.

**1** Press the **[User Tools / Counter]** key.

The User Tools / Counter / Enquiry screen appears.

**2** Press **[Extended Feature Settings]**.



The Extended Feature Setting Menu screen appears.

**3** Press **[Browser]**.



The Browser Settings screen appears.

**4** Press **[Temporary File Management]**.

The Temporary File Management screen appears.

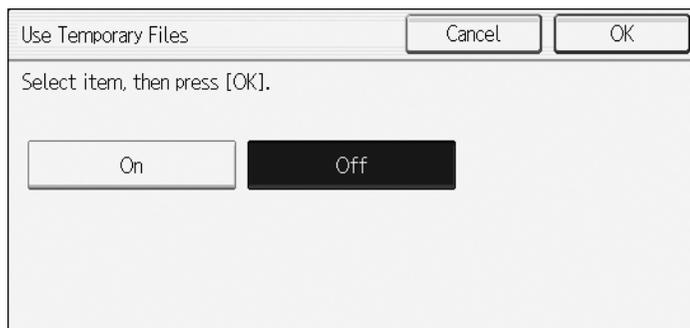


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**5** Make settings for temporary files, and then press **[Exit]**.

## ① Use Temporary Files

Press **[Use Temporary Files]**.



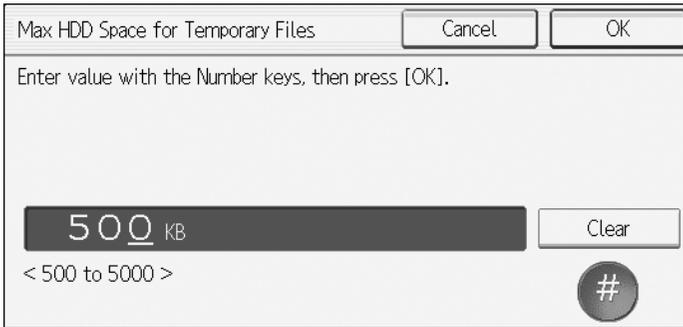
Displayed Web page files are saved in the network device as temporary files. To view Web pages again, using temporary files allows them to open faster.

To use temporary files, select **[On]**, and then press **[OK]**.

🔔 **Limitation**

- If settings are not reflected when the screen changes, undo the settings for using temporary files.

② Max HDD Space for Temporary Files  
Press **[Max HDD Space for Temporary Files]**.

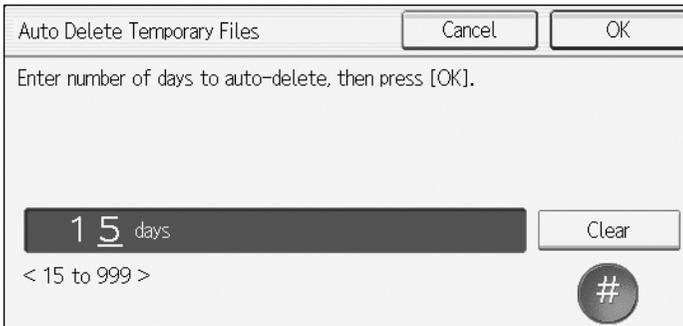


Enter the maximum HDD space for storing temporary files in the network device, and then press **[OK]**.

 **Note**

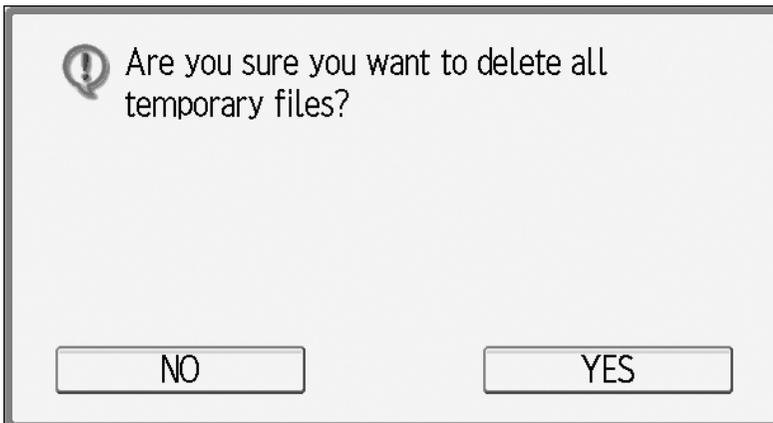
- If the volume of saved temporary files exceeds the specified space, files are deleted in the saved order (earliest first).

③ Auto Delete Temporary Files  
Press **[Auto Delete Temporary Files]**.



Enter the period after which temporary files are deleted, and then press **[OK]**.

④ Delete All Temporary Files  
Press **[Delete All Temporary Files]**.



Press **[Yes]** to delete all temporary files saved in the network device.

**6** Press [Exit].

The User Tools / Counter / Enquiry screen reappears.

**7** Press [Exit].

The setting screen quits.



# 3. Starting Device Browser

## Device Browser Start

A Device Browser starting key is assigned when options are installed to the network device.

For details about the relevant key, ask your network device administrator.

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### Starting Up Device Browser

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Start up Device Browser as follows:

**1** Press the key assigned to Device Browser.

Device Browser starts, and the default URL Web page is displayed.

 **Note**

- If displaying other web pages, press the **[Program]** key, and then select the URL.
- If returning to the Home of the web page, press the **[Clear Modes]** key.
- If performing regular operations, press the function keys such as **[Copy]** and **[Printer]**.

 **Reference**

For details about operations on the displayed Web page, see the relevant server application manual.



# 4. Appendix

## Troubleshooting

Problems	Causes and solutions
The display panel of a network device displays the message "Could not connect to URL or URL was not found."	Check the network environment settings. The server is operating incorrectly, or the URL is incorrect.
If you press a function key such as <b>[Copy]</b> or <b>[Scanner]</b> while scanning a document using Device Browser, the display panel does not change.	Press the appropriate function key when document scanning is completed.
If you press keys on the control panel, the display panel does not change.	If you perform another operation within the duration specified in <b>[Server Connection Timeout]</b> on the Browser Settings screen, the display panel may not change. Wait a few seconds, and then perform the operation again.
When you turn ON the <b>[Power]</b> key, the copy function screen appears. However, if you press a function key such as <b>[Scanner]</b> or <b>[Facsimile]</b> or the <b>[User Tools / Counter]</b> key, the display panel does not change.	A function other than the copy function is starting. Start times may differ depending on functions. Wait a few seconds, and then perform the operation again.

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**Browser Unit Operating Instructions**

