

# Notes to Administrator

This document informs users of the storage location and the password for Security Guide (PDF manual) included on the supplied CD-ROM.

Make sure the administrator keeps this information secure and refers to it whenever necessary.

## ❖ Manual location

- D:\ADMIN\_MANUAL\\SECURITY  
(where D:\ is the CD-ROM drive letter)

## ❖ Password

- admin

## ❖ Notice

We recommend making the following setting before you use this printer to increase security.

- Installing the server certificate
- Enabling SSL
- Changing the administrator's user name and password using Web Image Monitor

## Note

- ❑ For details, see "Setting Up the Printer", Security Guide. Also, be sure to read Security Guide when setting the security improvement function and the certification.

# Network Configuration

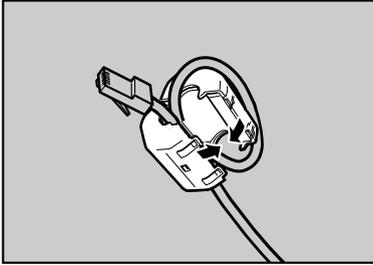
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## Connecting to the standard Ethernet port

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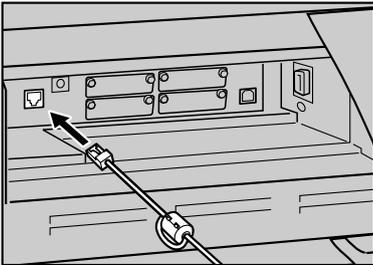
- 1** Attach the ferrite core to the Ethernet cable.

Attach the core supplied with the printer to the connector end, making a loop as shown.



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- 2** Connect the Ethernet cable to the Ethernet port that is located on the rear side of the printer.

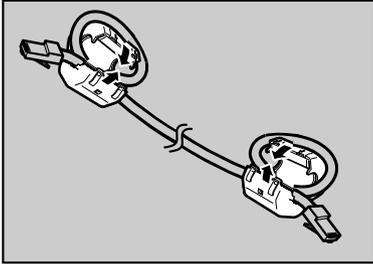


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- 3** Connect the other end of the cable to the network, for example using a hub.

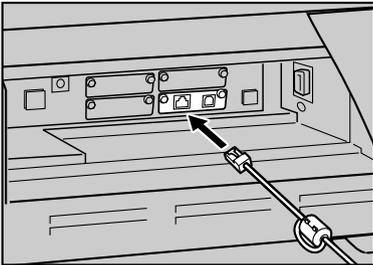
### 1 Attach two ferrite cores to the Ethernet cable.

Attach the core supplied with the printer to the connector end, making a loop as shown.



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### 2 Connect the Ethernet cable to the Ethernet port that is located on the rear side of the printer.



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### 3 Connect the other end of the cable to the network, for example using a hub.

#### Note

- For details about attaching the gigabit ethernet board, contact your sales or service representative.
- For details about configuring the network environment, see “Ethernet Configuration”.

#### Reference

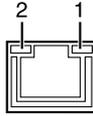
p.7 “Ethernet Configuration”

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# Reading the LED Lamps

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## ❖ Standard Ethernet port

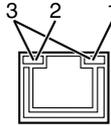


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**1. Green:** turns on when the printer is properly connected to the network.

**2. Yellow:** turns on when 100BASE-TX is in use. It turns off when 10BASE-T is in use.

## ❖ Optional Gigabit Ethernet board



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**1. Yellow:** turns on 100BASE-TX is in use.

**3. Both the green and yellow lamps** are lit when 1000BASE-T is in use.

**2. Green:** turns on when 10BASE-T is in use.

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## USB Cable Connection

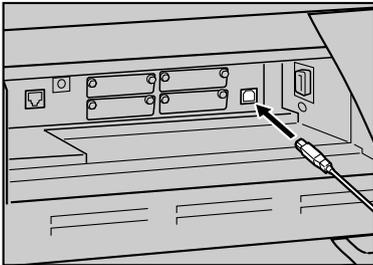
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### Important

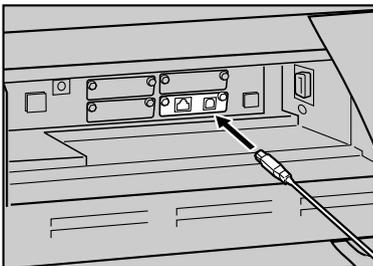
- USB connection is possible under Windows Me/2000/XP, Windows Server 2003, Mac OS 9.x, and Mac OS X.
- Windows Me supports USB1.1 speeds.
- USB connection with Mac OS is only possible via the printer's USB port, not the Gigabit Ethernet board's USB port.
- A USB cable is not supplied with this printer. Select your cable according to the computer.

### **1** Connect the USB cable to the printer.

- Connecting the USB cable to the standard USB port  
Connect the smaller connector of the USB cable to the USB port on the left side of the printer.



- Connecting the USB cable to the Gigabit Ethernet board USB port  
Connect the smaller connector of the USB cable to the USB port of the Gigabit Ethernet board.



**2** Connect the opposite end's flat connector to the desired device such as your computer's USB interface, or a USB hub.

The printer is now connected to the computer. The Plug and Play screen appears on the computer display. See "Installing the Printer Driver Using USB", Software Guide for details.

 **Note**

- For details about attaching the gigabit ethernet board, contact your sales or service representative.

# Configuration

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## Ethernet Configuration

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Configure the following network settings according to the network interface you are using.

You can use SmartDeviceMonitor for Admin or a Web browser to configure IP address-related settings in a TCP/IP-capable environment.

### Important

- Configure the printer for the network using the control panel.
- The following table shows the control panel settings and their default values. These items appear in the **[Host Interface]** menu.

### ❖ Machine IPv4 Address

- DHCP: On
- IPv4 Address: 011.022.033.044
- Subnet Mask: 0.0.0.0
- Gateway Address: 0.0.0.0

### ❖ IPv6 Stateless Setting

Active

### ❖ NW Frame Type

Auto Select

### ❖ Effective Protocol

- IPv4: Active
- IPv6: Inactive
- NetWare: Active
- SMB: Active
- AppleTalk: Active

### ❖ Ethernet Speed

Auto Select

### ❖ LAN Type

Ethernet

### Note

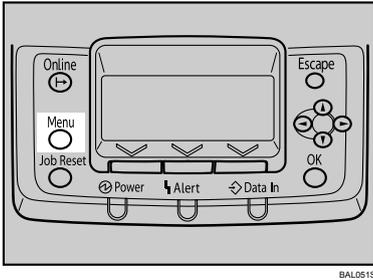
- If DHCP is in use, the IP address, subnet mask, and gateway address are all set automatically.
- Configure these setting as necessary. See Software Guide for details.

## Specifying an IP Address (No DHCP)

Follow this procedure to assign a specific IP address to the printer. This is only necessary when you will use the printer on a network without DHCP, or want to prevent the printer's IP address from changing.

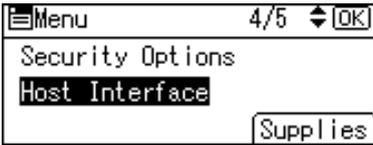
Before beginning, make sure that you know the IP address, subnet mask and gateway address that the printer will use.

- 1 Press the [Menu] key.

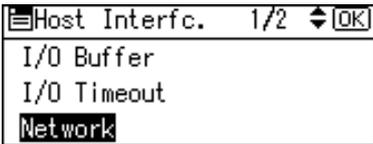


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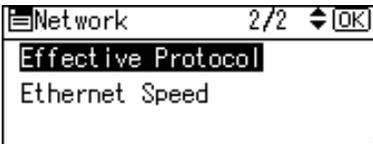
- 2 Press the [▲] or [▼] key to select [Host Interface], and then press the [OK] key.



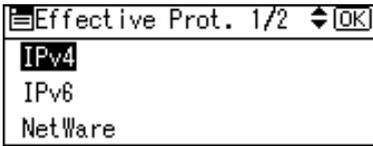
- 3 Press the [▲] or [▼] key to select [Network], and then press the [OK] key.



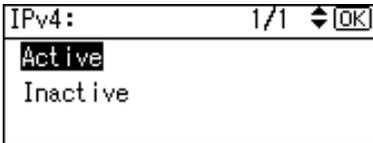
- 4 Press the [▲] or [▼] key to select [Effective Protocol], and then press the [OK] key.



- 5** Press the [▲] or [▼] key to select the appropriate network protocol, and then press the [OK] key.



- 6** Press the [▲] or [▼] key to select [Active] or [Inactive], and then press the [OK] key.



Set other protocols you need to set in the same way.

- Select [Inactive] for unused protocols.
- Enable IPv4 to use the pure IPv4 environment of NetWare 5/5.1, NetWare 6/6.5.

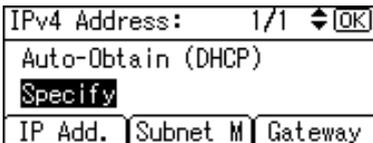
- 7** Press the [Escape] key until the screen returns to the [Network] menu.

- 8** If you use IPv4, assign the IPv4 address to the printer. Press the [▲] or [▼] key to select [Machine IPv4 Address], and then press the [OK] key.



To get the IP address for the printer, contact your network administrator.

- 9** To specify the IP Address, press [IP Add.].



If you use IPv4, also assign subnet mask and gateway address. To assign these, press [Subnet M] or [Gateway].

10 Press the [▲] or [▼] key to enter the address, and then press the [OK] key.

IP Address:	↔	[OK]	
Enter IPv4 Address with ↕.			
133	139	0	0

- Press the [▲] or [▼] key to enter the left-most entry field of the address. After entering the left field, press the [▶] key, and then you can enter the next field.
- After completing entry of the all fields, press the [OK] key.
- Use the same method to assign the subnet mask and gateway address.
- Change the IP address from “011.022.033.044” to an IP address supported by your network.

11 Press the [▲] or [▼] key to select [Specify], and then press the [OK] key.

IPv4 Address:	1/1	↕	[OK]
Auto-Obtain (DHCP)			
Specify			
IP Add.	Subnet M	Gateway	

If you do not select [Specify] in this step, the address you set will not be saved.

12 Press the [Menu] key.

The initial screen appears.

13 Print a configuration page to confirm the settings.

 **Note**

- For details about printing the configuration page, see “Test Printing”, Hardware Guide.

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## Receiving an IP Address Automatically (DHCP)

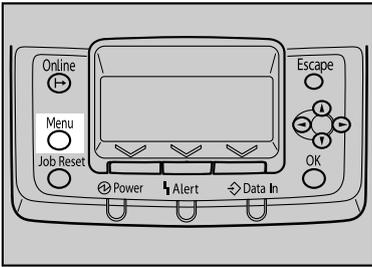
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Follow this procedure to set the printer to receive an “IP address” automatically using “DHCP”. The “DHCP” feature is active by default, so this procedure is only required if you have changed the default settings.

### Important

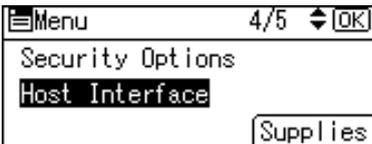
- When [DHCP] is selected, you cannot configure settings for the following items:
  - IP Address
  - Subnet Mask
  - Gateway Address
- Consult your network administrator for information about configuring network settings.

**1** Press the [Menu] key.

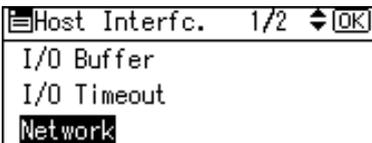


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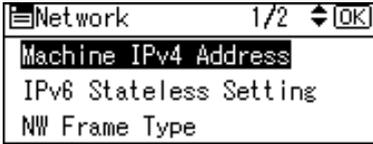
**2** Press the [▲] or [▼] key to select [Host Interface], and then press the [OK] key.



**3** Press the [▲] or [▼] key to select [Network], and then press the [OK] key.



- 4** Press the [▲] or [▼] key to select [Machine IPv4 Address], and then press the [OK] key.



- 5** Press the [▲] or [▼] key to select [Auto-Obtain (DHCP)], and then press the [OK] key.



The printer will automatically receive an IP address.

To check the detected addresses, press the followings:

- [IP Add.]: IPv4 Address
- [Subnet M]: Subnet Mask
- [Gateway]: Gateway Address

- 6** Press the [Menu] key.

The initial screen appears.

- 7** Print a configuration page to confirm the settings.

 **Note**

- For details about printing the configuration page, see “Test Printing”, Hardware Guide.

