Quick Installation Guide

Network Scanning Unit Type A

Please read the Safety Information in the Operating Instructions before using this machine. It contains important information related to USER SAFETY and PREVENTING MACHINE PROBLEMS.

1 Unpacking the Machine and Checking the Contents of the Box

1 Check the contents of the box according to the following list. If any items are missing, please contact your sales or service representative.

- ❒ Quick Installation Guide(this sheet)
- ❒ CD-ROM
- ❒ Power Cord

- ❒ AC Adaptor
- ❒ Safety Instruction Sheet
- ❒ Wireless LAN Card cover
- ❒ Ferrite Core (Europe only)

2 Remove the plastic bag. Lift this machine and move it to the place where you want to install it.

2 Where to Put the Machine

The Machine's location should be carefully chosen because environmental conditions greatly affect its performance.
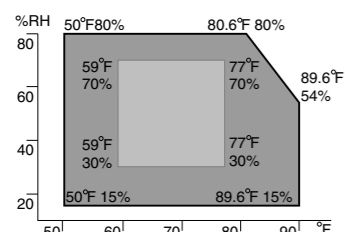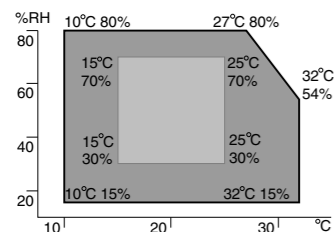
⚠ WARNING

- Confirm that the wall outlet is near the machine and freely accessible, so that in event of an emergency, it can be unplugged easily.
- Only connect the machine to the power source described on this sheet.
- Avoid multi-wiring.
- Do not damage, break or make any modifications to the power cord. Do not place heavy object on it, pull it hard or bend it more than necessary. These actions could cause an electric shock or fire.

⚠ CAUTION

- Keep the machine away from humidity and dust. A Fire or an electric shock might occur.
- Place the machine on a strong and level surface. Otherwise, the machine might fall and cause personal injury.
- If you use the machine in a confined space, confirm that there is a continuous flow of air.

1 Optimum Environment Conditions

Recommended temperature and humidity

Possible operation range   Recommended range

The machine must be level within 5 mm,0.2" both front to rear and left to right.

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2 Environments to Avoid
- ❒ Locations exposed to direct sunlight or strong light
- ❒ Dusty areas
- ❒ Areas with corrosive gases
- ❒ Areas excessively cold, hot, or humid
- ❒ Locations near an air conditioner or humidifier
- ❒ Locations near other electronic equipment
- ❒ Locations where the scanner might be subjected to frequent strong vibration

3 Power Connection

Connect the power cord to a power source with the following specifications:

Product Specifications

North America	G829-17 power supply rating: **AC 120V, 60Hz**
Europe/Asia	G829-27 power supply rating: **AC 220-240V, 50/60Hz**

Electrical Outlet Requirements

North America	G829-17 Electrical Outlet Requirements: **AC 120V, 60Hz, min.2A**
Europe/Asia	G829-27 Electrical Outlet Requirements: **AC 220-240V, 50/60Hz, min.2A**

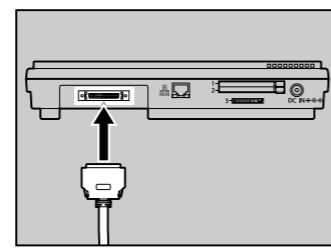## 3 Connecting to a Scanner via SCSI Cable

⚙ Important
- ❒ Prepare a marketed SCSI cable before connection procedures.

📝 Note
- ❒ This machine complies with the SCSI-2 standard. The SCSI interface on this machine has a 50-pin half-pitch (pin type) connector. Connect an ANSI-compliant shielded SCSI-2 cable to this machine. Note that some combinations of cables and the devices may not work together properly, so check this carefully.
- ❒ Only one scanner can be connected to this machine.

1 Assign a SCSI ID to one of the numbers from 0 to 6.

📝 Note
- ❒ The SCSI ID of this machine is fixed to 7 and cannot be changed.
- ❒ Follow the instructions of the manual of your scanner to connect to this machine for how to change the SCSI ID of your scanner.

2 Connect a SCSI cable to this machine.

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3 Connect the other end of the SCSI cable to the SCSI port of a scanner.

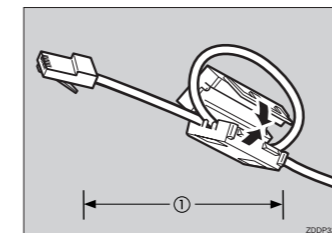## 4 Connecting to a Network

⚙ Important
- ❒ Use a 100BASE-TX (category 5) or10BASE-T network cable when you connect this machine to a network.

🔎 Reference
See "Using Wireless LAN" in the Operating Instructions when using an optional wireless LAN card
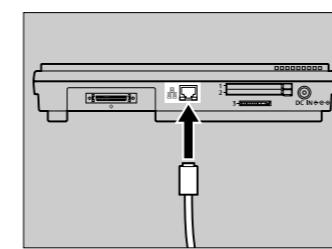
1 With the network cable you use for connection, create a single loop about 15cm (6")(①) away from an end of the cable, and then attach the ferrite core that comes with this machine as illustrated below.

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📝 Note
- ❒ Skip this step when you use this machine in North America.

2 Insert the network cable's end to the network interface connector of this machine.

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3 Insert the other end of the network cable to an appropriate connector of a network device, such as an Ethernet hub.

5 Connecting to a Power Source

⚠ WARNING

- Do not use with a power source with a voltage different from the specified voltage. Do not use a power outlet with multiple devices plugged in. These could create the risk of fire or electric shock.
- Avoid the use of an extension cord.
- Do not damage, break, twist or modify the Power Cord. Placing heavy objects on the cord, pulling on or bending it excessively can damage the Power Cord, creating the risk of fire or electric shock.
- Never touch or unplug the power plug with wet hands. This can create the risk of electric shock.
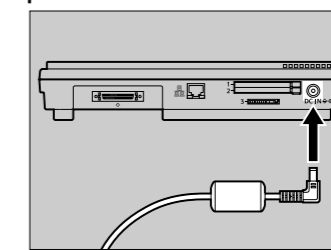
⚠ CAUTION

- When unplugging from an outlet, be sure to grasp the plug when pulling. Never pull on the cord. This could damage the cord creating the risk of fire or electrical shock.

1 Confirm that the power switch is set to off.

2 Connect the bundled AC adaptor and the power code.

3 Push the terminal of the AC adaptor all the way into the power connector on this machine.

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📝 Note
- ❒ Be sure to use the power cord that comes with this machine.

4 Insert the power plug into the power outlet.

🔆 Turning on the Power

Turn on the power of this machine after turning on the power of the connected scanner.

❶ Turn on the power of a scanner connected to this machine.
❷ Turn on the power of this machine.

📝 Note
- ❒ You can turn off the powers of a scanner and this machine in any order.

🔆 Before turning off the power

Before you turn off the power of this machine, make sure that a standby screen is displayed on the display panel.

If you turn off the power while the Scanner Features menu is displayed, all the settings that you have configured will be discarded, and this machine will return to its factory default status.

You should also confirm that the "◇" is not displayed on the display panel when you turn off the power. Otherwise, loss of a scanned data or failure will occur in sending files.

G829-8600

Items of [Scan Settings]

	IS330DC	IS450 series	IS760 series
1. Scan Type	Color:Full Color, Black and White:Text, Black and White:Text/Photo, Black and White:Photo, Black and White:Gray Scale	Black and White:Text, Black and White:Text/Photo, Black and White:Photo, Black and White:Gray Scale	Color:Full Color, Black and White:Text, Black and White:Text/Photo, Black and White:Photo, Black and White:Gray Scale
2. Resolution	100dpi, 200dpi, 300dpi, 400dpi, 600dpi, Custom Resolution(100dpi~1200dpi)	100dpi, 200dpi, 300dpi, 400dpi, 600dpi, Custom Resolution(100dpi~450dpi)	100dpi, 200dpi, 300dpi, 400dpi, 600dpi, Custom Resolution(75dpi~800dpi)
3. Scan Size	AutoDetect, 11x17, 8½x14, 8½x13, 8½x11, 8½x11, 5½x8½, 5½x8½, A3, A4, A4, A5, A5, B4JIS, B5JIS, B5JIS, Custom Area Setting	11x17, 8½x14, 8½x13, 8½x11, 8½x11, 5½x8½, 5½x8½, A3, A4, A4, A5, A5, B4JIS, B5JIS, B5JIS, Custom Area Setting	11x17, 8½x14, 8½x13, 8½x11, 8½x11, 5½x8½, 5½x8½, A3, A4, A4, A5, A5, B4JIS, B5JIS, B5JIS, Custom Area Setting
4. Image Density	1 to 7	1 to 7	1 to 7
5. Erase Color	Off, Red, Green, Blue	×(*1)	Off, Red, Green, Blue
6. Noise Reduction	Off, 3x3, 4x4, 5x5	With the Optional Image Processing Unit:Off,3x3,4x4,5x5 Without the Optional Image Processing Unit:disabled	Off, 3x3, 4x4, 5x5
7. Edge Smoothing	Off, On	With the Optional Image Processing Unit:Off,On Without the Optional Image Processing Unit:disabled	Off, On
8. Filter	Off, MTF, Fine Noise	Off, MTF, Fine Noise	Off, MTF, Fine Noise
9. Inversion	Off, On	Off, On	Off, On
10. File Type	Single Page, PDF, Multi-page TIFF	Single Page, PDF, Multi-page TIFF	Single Page, PDF, Multi-page TIFF
11. Original Settings (*2)	:1Sided, :2Sided:Top to Top, :2Sided:Top to Bottom, :1Sided, :2Sided:Top to Top, :2Sided:Top to Bottom	:1Sided, :2Sided:Top to Top, :2Sided:Top to Bottom, :1Sided, :2Sided:Top to Top, :2Sided:Top to Bottom	:1Sided, :2Sided:Top to Top, :2Sided:Top to Bottom, :1Sided, :2Sided:Top to Top, :2Sided:Top to Bottom

*1 Fixed to green or red (optional).
*2 2 Sided is available only with the duplex model.

Limitations When Using Scan to Print Function

2 sided print may not be available according to the scan settings and the connected printer.
If you scanned the original with the size that the printer cannot duplex, it will be printed on 1 side.

Operations with the Network TWAIN Driver

	IS330DC	IS450 series	IS760 series
When [Start from Scanner] in the Network TWAIN Driver is Selected;	Start scanning with the [Start] key on the Network Scanning Unit.	Start scanning with the [Start] key on the Network Scanning Unit.	Start scanning with the [Start] key on the Scanner.

Items of [SendScan Settings]

Examples ○ : Able to set : Able to confirm × : Disabled

	IS330DC	IS450 series	IS760 series
1. Send File/TWAIN Priority	○	○	○
2. TWAIN Standby Time	○	○	○
3. Auto Reset Timer	○	○	○
4. Compression (Black and White)	○	○	○
5. Compression (Gray Scale/Full Color)	○	○	○
6. Select Method	○	○	○
7. Auto Update Destination List	○	○	○
8. Unit of Measure	○	○	○
9. sRGB	○	×	○
10. End of Scan Option	○	○	○
11. Erase Border	○	×	○
12. ADF Thin Paper	○	×	×
13. Job Delivery Data Max. Setting	○	○	○
14. Scanned Sheet Counter			
15. Scanned Page Counter			

Items of [Print Settings]

	IS330DC	IS450 series	IS760 series
1. Image Density	1 to 7	1 to 7	1 to 7
2. Original Size	AutoDetect, 11x17, 8½x14, 8½x13, 8½x11, 8½x11, 5½x8½, 5½x8½, A3, A4, A4, A5, A5, B4JIS, B5JIS, B5JIS, Custom Size(*3)	11x17, 8½x14, 8½x13, 8½x11, 8½x11, 5½x8½, 5½x8½, A3, A4, A4, A5, A5, B4JIS, B5JIS, B5JIS, Custom Size(*3)	11x17, 8½x14, 8½x13, 8½x11, 8½x11, 5½x8½, 5½x8½, A3, A4, A4, A5, A5, B4JIS, B5JIS, B5JIS, Custom Size(*3)
3. Duplex (*4)	1Sided Orig.→1Sided Print, 1Sided Orig.→2Sided Print, 2Sided Orig.→1Sided Print, 2Sided Orig.→2Sided Print	1Sided Orig.→1Sided Print, 1Sided Orig.→2Sided Print, 2Sided Orig.→1Sided Print, 2Sided Orig.→2Sided Print	1Sided Orig.→1Sided Print, 1Sided Orig.→2Sided Print, 2Sided Orig.→1Sided Print, 2Sided Orig.→2Sided Print
4. Reduce/Enlarge (*5)	25%, 50%, 65(61)%, 73(71)%, 78(82)%, 85(87)%, 93%, 100%, 121(115)%, 129(122)%, 155(141)%, 200%, 400%, Custom Ratio	25%, 50%, 65(61)%, 73(71)%, 78(82)%, 85(87)%, 93%, 100%, 121(115)%, 129(122)%, 155(141)%, 200%, 400%, Custom Ratio	25%, 50%, 65(61)%, 73(71)%, 78(82)%, 85(87)%, 93%, 100%, 121(115)%, 129(122)%, 155(141)%, 200%, 400%, Custom Ratio
5. Create Margin	On, Off	On, Off	On, Off
6. Quality/Speed	Quality, Speed	Quality, Speed	Quality, Speed

*3 The maximium values are mentioned for the Custom Scan Area. The scan area may be smaller than the valued mentioned according to the scan settings.
   If the specified scan area excludes the original size with IS450 series and IS760 series, the original may not be scanned correctly.
*4 2 Sided is available only with the duplex model.
*5 For North America, values in ( ) will be applied.

Limitations When Scanning With IS450 Duplex Model

Duplex scanning may not be available according to the scan settings.
Scan to Print function in duplex scanning is available with the scan settings of the chart below.

Settings in [Color/Black and White] of [Print Scan Settings]	Black and White:Text/Photo Black and White:Text	Black and White:Photo	
Settings in [Quality/Speed] of [Print Settings]	Quality and Speed	Speed	Quality
Available original size	A3, 11"x17" or under	A6, B6 or under	A7, B7 or under
Maximum length to duplex scan the 298mm(11.9") wide original (*1)	771mm (30.8")	86mm (3.4")	48mm (1.9")

*1 Maximum length will be longer if you scan originals narrower than 298mm.