Safety Information

Read this manual carefully before you use this product and keep it handy for future reference. For safe and correct use, please be sure to read this sheet before using the equipment.

Safety During Operation

In this manual, the following important symbols are used:

⚠ WARNING:

Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

⚠ CAUTION:

Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

⚠ WARNING:

- *Confirm that the wall outlet is near the equipment and freely accessible, so that in event of an emergency, it can be unplugged easily.*
- *Disconnect the power plug (by pulling the plug, not the cable) if the power cable or plug becomes frayed or otherwise damaged.*
- *Disconnect the power plug (by pulling the plug, not the cable) if any of the following occurs:*
  - *You spill something into the equipment.*
  - *You suspect that your equipment needs service or repair.*
  - *The external housing of your equipment has been damaged. Disposal can take place at our authorized dealer.*
- *Use the AC adapter supplied with the equipment. Otherwise, a fire, an electric shock, a equipment failure might occur.*
- *Connect the equipment only to the power source described on the Setup Guide. Connect the power cord directly into a wall outlet and do not use an extension cord.*
- *Do not damage, break or make any modifications to the power cord. Do not place heavy objects on it. Do not pull it hard nor bend it more than necessary. These actions could cause an electric shock or fire.*
- *Do not plug in or out with wet hands.*
- *While thundering nearby, do not touch this equipment (Type BM1) to avoid a possible electric shock.*
- *For the Type BM1, please connect the telephone line after the power is on, and disconnect the telephone line before the power is off. If you do not follow the procedures, you might get an electric shock.*
- *The supplied power cord is for use with this equipment only. Do not use with other appliances. Doing so may result in fire, electric shock, or injury.*

⚠ CAUTION:

- *Protect the equipment from dampness or wet weather, such as rain and snow.*
- *Unplug the power cord from the wall outlet before you move the equipment. While moving the equipment, you should take care that the power cord will not be damaged.*
- *When you disconnect the power plug from the wall outlet, always pull the plug (not the cable).*
- *Do not allow paper clips, staples, or other small metallic objects to fall inside the equipment.*
- *Keep the equipment away from humidity and dust. Otherwise a fire or an electric shock might occur.*
- *Do not place the equipment on an unstable or tilted surface. If it topples over, an injury might occur.*
- *Clean the plug end of the power cable at least once a year so as to avoid a possible fire.*
- *To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.*
- *Pour réduire le risque d'incendie, utiliser uniquement des conducteurs de télécommunications 26 AWG ou de section supérieure.*

Notice to Type BM1 Users

Note to users in the United States of America

FCC Requirements

① This equipment complies with Part 68 of the FCC rules and requirements adopted by the ACTA. On the cover of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXXX. If requested, this number must be provided to the telephone company.
② This equipment uses the RJ11C USOC jack.
③ A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for detail.
④ The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).
⑤ If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
⑥ The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
⑦ If trouble is experienced with this equipment, for repair or warranty information, please contact RICOH CORP. CUSTOMER SUPPORT DEPT. at 1-800-FASTFIX. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
⑧ In the event of operation problems (document jam, copy jam, communication error indication), refer to the solving problems section in this manual.
⑨ Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
⑩ If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

WHEN PROGRAMMING EMERGENCY NUMBERS AND/OR MAKING TEST CALLS TO EMERGENCY NUMBERS:

① Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
② Perform such activities in the off-peak hours, such as early morning hours or late evenings.

Note to users in Canada

The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

Important Safety Instructuions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS.

Certalnes mesures de sécurité doivent être prises pendant l'utilisation de matérial téléphonique afin de réduire les risques d'incendle, de choc électrique et de blessures. En voici quelquesunes:

- Ne pas utiliser l'appareil près de l'eau, p.ex., près d'une balgnoire, d'un lavabo, d'un évier de cuisine, d'un bac à laver, dans un sous-sol humide ou près d'une piscine.
- Éviter d'utiliser le téléphone (sauf s'il s'agit d'un apparell sans fil) pendant un orage électrique. Ceci peut présenter un risque de choc électrique causé par la foudre.
- Ne pas utiliser l'appareil téléphonique pour signaler une fulte de gaz s'il est situé près de la fuite.
- Utiliser seulement le cordon d'alimentation et le type de piles indiqués dans ce manual. Ne pas jeter les piles dans le feu: elles peuvent exploser. Se conformer aux èglements pertinents quant à l'élimination des piles.

CONSERVER CES INSTRUCTIONS.

Notice to Wireless LAN Interface (option) Users

Note to users in the United States of America

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio /TV technician for help.

⚠ CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note to users in Canada

Note

This Class B digital apparatus complies with Canadian ICES-003.

Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

RC Gate Wireless LAN Unit Type A:

This device complies with RSS-210 of Industry Canada.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

Remarque concernant les utilisateurs au Canada

Avertissement:

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes: (1) il ne doit pas produire de brouillage et (2) l'utilisateur du dispositif doit être prêt á accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

RC Gate Wireless LAN Unit Type A:

Ce dispositif est conforme á la norme CNR-210 d'Industrie Canada.

L'expression <<IC:>> avant le numéro d'homologation/enregistrement signifie seulement que les spécifications techniques d'Industrie Canada ont été respectées.

Pour empêcher que cet appareil cause du brouillage au service faisant l'objet d'une licence, il doit être utilisé á l'intérieur et devrait être placé loin des fenêtres afin de fournir un écran de blindage maximal.

Si le matériel (ou son antenne d'emission) est installe á l'extérieur, il doit faire l'objet d'une licence.

Information about Installed Software

The following is a list of the software included in this equipment:

- GPL/LGPL applicable software
- ash
- OpenSSL toolkit
- zlib
- Apache
- Expat
- Sablotron
- net-snmp
- Software for Digest Access Authentication
- mod_ssl

You can check the information about license and copyright of each software, by clicking a button linked to [License and Copyright Information] in the "RC Gate Monitor Login" page.

Trademarks

MS®, Microsoft®, Windows®, Windows NT® and Windows Server® are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights to those marks.

- The product names of Windows® 2000 are as follows:
  Microsoft® Windows® 2000 Professional
  Microsoft® Windows® 2000 Server
  Microsoft® Windows® 2000 Advanced Server
- The product names of Windows® XP are as follows:
  Microsoft® Windows® XP Home Edition
  Microsoft® Windows® XP Professional
- The product names of Windows Server® 2003 are as follows:
  Microsoft® Windows Server® 2003 Standard Edition
  Microsoft® Windows Server® 2003 Enterprise Edition
  Microsoft® Windows Server® 2003 Web Edition
- The product names of Windows NT® 4.0 are as follows:
  Microsoft® Windows NT® Workstation 4.0
  Microsoft® Windows NT® Server 4.0

Symbols of Setup Guide

The following set of symbols is used in this manual.

⚠ WARNING:

This symbol indicates a potentially hazardous situation that might result in death or serious injury when you misuse the equipment without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

⚠ CAUTION:

This symbol indicates a potentially hazardous situation that might result in minor or moderate injury or property damage that does not involve personal injury when you misuse the equipment without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

* The statements above are notes for your safety.

Important

If this instruction is not followed, paper might be misfed, originals might be damaged, or data might be lost. Be sure to read this.

Preparation

This symbol indicates information or preparations required prior to operating.

Note

This symbol indicates precautions for operation, or actions to take after abnormal operation.

Limitation

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

[ ]

Keys and buttons that appear on the computer's display.

Setup Guide

Read this manual carefully before you use this product and keep it handy for future reference. For safe and correct use, please be sure to read the Safety Information sheet before using the equipment.

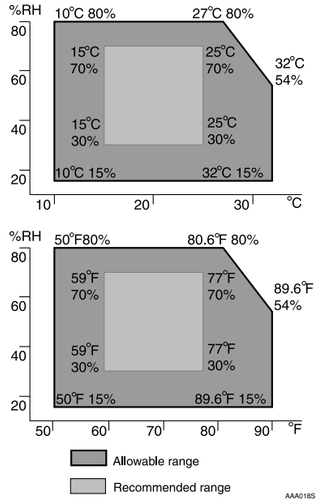
1 Checking the Setup Environment and Power Connection

1 Check the setup environment.

Place the equipment on the level and vibration free surface.

Place the equipment on a location that guarantees a space of 0.4inch (1cm) or more from the front/back/left/right sides of the equipment.

Place the equipment in the recommended temperature and humidity shown below:



Important

- ❒ When the equipment is moved from a cold to a warm location, or vice versa, internal dew condensation can occur. In this case, leave the equipment in the new environment for at least one hour.
- ❒ Keep the equipment's power on during normal operation.

⚠ CAUTION

- Keep the equipment away from humidity and dust. Otherwise a fire or an electric shock might occur.
- Do not place the equipment on an unstable or tilted surface. If it topples over, an injury might occur.

Important

- ❒ Do not locate the equipment where it is exposed to:
  - direct sunlight
  - air conditioner, heater, or humidifier emission
  - electronic/magnetic interference from radios, televisions, or other electrical equipments
  - extreme heat, cold, or humidity
- ❒ Locate this equipment in a secure environment such as an enclosed office.
- ❒ This equipment supports manufacturer genuine I/O devices only.
- ❒ Connect this equipment and the image I/O devices to a responsibly administrated network that is protected by a firewall or a similar Internet security/virus protection facility.
- ❒ Choose appropriate persons as the administrator and registrant. The administrator is responsible for management and operation of the equipment; the registrant is responsible for registering the equipment on the Communication Server. Both must read the "Operating Instructions" and "Setup Guide" carefully.

2 Check the power connection.

Use a 120V, 60Hz power source for this equipment.

⚠ WARNING

- Confirm that the wall outlet is near the equipment and easily accessible so as to be unplugged quickly in an emergency.
- Connect the equipment only to the power source described on this manual. Connect the power cord directly into a wall outlet and do not use an extension cord.
- Do not damage, break or make any modifications to the power cord. Do not place heavy objects on it. Do not pull it hard nor bend it more than necessary. These actions could cause an electric shock or fire.

2 Checking the Contents

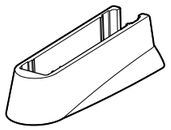
1 Check the contents in the box according to the following list. If there is any item missing or damaged, please contact your service representative.

- ☐ The Equipment (Type BN1*1 or Type BM1)
  - *1 Wireless LAN card (RC Gate Wireless LAN Unit Type A) is available as an option for the Type BN1. The wireless LAN card will be installed by the service representative.
- ☑ Safety Information/Setup Guide (This manual)
- ☐ AC Adapter
- ☐ Power Cable
- ☐ Network Cable
- ☐ Ferrite Core

- ☐ Power Cable Anchor Bracket

- ☐ Bracket Screw

- ☐ Stand



- ☐ Black Modular Cable for OA I/F port
- ☐ White Telephone Line Cable for FAX port (Type BM1 only)

In these sheets, we sometimes use the terms "RC Gate" as an abbreviation of Remote Communication Gate.

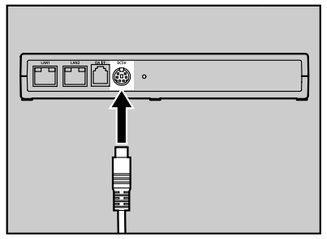
3 Connecting the Power Cable

⚠ WARNING

- The supplied power cord is for use with this equipment only. Do not use with other appliances. Doing so may result in fire, electric shock, or injury.
- Use the AC adapter supplied with the equipment. Otherwise, a fire, an electric shock, a equipment failure might occur.

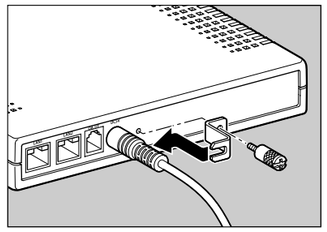
1 Connect the AC adapter to the power cable.

2 Connect the AC adapter securely to the power socket of the equipment.



AAA001S

3 Secure the cable with the bracket and fix it with the screw.


AAA002S

Note

- ❒ Use a coin when you fix the screw.

4 Plug the power cable into the wall outlet.

Note

- ❒ The LEDs blink when the equipment is warming up or in maintenance mode, and then the orange and green LEDs are lit.

⚠ WARNING

- Do not plug in or out with wet hands.

⚠ WARNING

- For the Type BM1, please connect the telephone line after the power is on, and disconnect the telephone line before the power is off. If you do not follow the procedures, you might get an electric shock.

⚠ CAUTION

- When you disconnect the power plug from the wall outlet, always pull the plug (not the cable).

⚠ CAUTION

- Clean the plug end of the power cable at least once a year so as to avoid a possible fire.

4 Connecting the Telephone Line

The procedures here show how to connect a telephone line to the Remote Communication Gate Type BM1.

Note

- ❒ Skip this procedure when you are setting up the Remote Communication Type BN1.

⚠ WARNING

- While thundering nearby, do not touch this equipment to avoid a possible electric shock.

⚠ CAUTION

- To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

⚠ ATTENTION

- Pour réduire le risque d'incendie, utiliser uniquement des conducteurs de télécommunications 26 AWG ou de section supérieure.

4.1 Telephone Line Shared with Facsimile

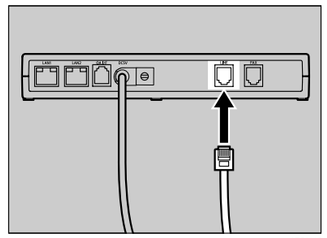
Follow the telephone line connection procedure below, when you use your facsimile line to communicate with the Communication Server.

Reference

- ❒ See "Dial-up" in "Outline of the System."

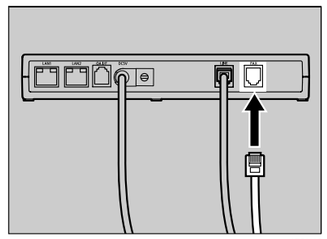
1 Disconnect the telephone line cable from the LINE port of the facsimile.

2 Connect the telephone line cable thus disconnected, to the LINE port of this equipment.



AZQ001S

3 Connect the supplied white telephone line cable to the FAX port of this equipment.



AZQ002S

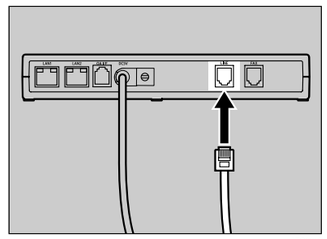
4 Connect the other end of the white telephone line cable to the LINE port of the facsimile.

4.2 Telephone Line Exclusively Used for RC Gate

The following instructions describe the connection procedures of the telephone line, when the telephone line is used exclusively for this equipment.

1 Connect the telephone line cable to the telephone line socket exclusively prepared for this equipment.

2 Connect the other end of the telephone line cable to the LINE port of this equipment.



AZQ001S

Note

- ❒ The FAX port will not be used.

A768-8605C

5 Changing the IP Address (LAN2 Port)

The IP address of LAN2 port is set to 192.168.0.2, and the subnet mask is set to 255.255.255.0 as the factory default. If you cannot use 192.168.0.2 as the IP address of this equipment, use LAN1 port to change the IP address of LAN2 port.

When you can use 192.168.0.2 as the IP address of this equipment, please skip this procedure.

When you use an optional wireless LAN card, wireless LAN setting is necessary according to the procedures below.

Cases to follow this procedure:

- The subnet in use is other than 192.168.0.xxx.
- When the subnet is 192.168.0.xxx, but 192.168.0.2 is already in use, and the address cannot be used for this equipment.
- When subnet is 192.168.0.xxx, but IP address is given dynamically by the DHCP server.
- When the optional wireless LAN card is used for this equipment.

Preparation

Depending on the OS of your computer, login as a member of the Administrators group is required.

Important

❒ If the subnet is 192.168.10.xxx but the IP address 192.168.10.1 is unavailable for the LAN1 port of this equipment, please contact your service representative.

❒ Connect the equipment and the network by the supplied network cable. You can use 10BASE-T or category 5 100BASE-TX network cable instead of the supplied network cable.

❒ In the following cases, connect this equipment and the PC directly by a cross network cable available on the market, and follow the procedures from Step 3

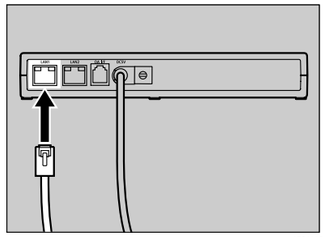
- In your network, only a wireless LAN is available but a wired LAN is unavailable.
- All the ports of the network devices such as HUB are occupied.
- The segment of this equipment and the PC to set this equipment is different.

The flow below shows the way to setup the IP address of the LAN2 port by accessing from the LAN1 port with the computer on the network. The PC must have web browsers confirmed at Step 1 of "8. Registering the RC Gate to the Communication Server."

Note

❒ In this document, we show the description and screen illustration, using DOS/V equipment, Windows 2000 and Internet Explorer 6.0. Procedures may be different depending on your hardware/software environment.

1 Connect the supplied network cable to the LAN1 port.



AZQ003S

2 Connect the other end of the network cable to the network HUB or other network devices.

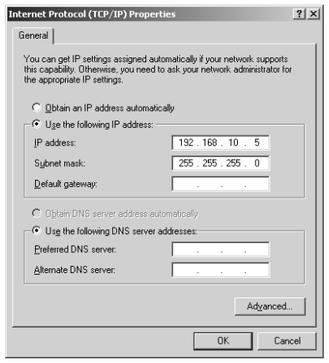
3 Write down current network setting information of the PC, such as the IP address, etc.

Note

❒ On the next procedure, temporarily the IP address of the PC is changed. Write down the PC network setting information to restore the setting after the operation is completed.

❒ You can add an IP address to your PC depending on the OS of the PC. In this case, you do not need to write down the IP address.

4 Set the IP address of the PC to 192.168.10.x (x can be any number between 2 and 254), and Subnet mask to 255.255.255.0.



Note

❒ The screen varies by OS used.

5 Follow the instructions on the screen.

IP address of the PC will be set to 192.168.10.x.

6 Open your web browser of the PC.

7 Enter "https://192.168.10.1/index.html" in [address box] of the web browser.

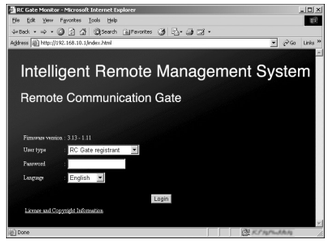
The SSL certification warning screen appears.

Note

❒ The SSL certification warning screen differs according to the web browser.

8 Confirm the issuer is "Ricoh Remote Service CA", and then agree to the conditions.

The login page of the RC Gate Monitor appears.



Note

❒ RC Gate Monitor is a software to manage setup information of this equipment and registered devices. The software is preinstalled in the equipment, and therefore, it is not necessary to install it to your PC. To start RC Gate Monitor, access "https://IP address of the LAN port 1 or 2/index.html" with the web browser.

❒ The LAN1 port's default IP address is 192.168.10.1.

9 Select your language from [Language]. Select "RC Gate registrant" from [User type]. Enter the password for the RC Gate registrant to [Password]. Click [Login].

Note

❒ For details about the default password, see "Login User Type to RC Gate Monitor".

❒ Enter only single byte characters (for all inputting).

❒ If you enter the password incorrectly, the login screen reappears. In this case, make sure [User type] indicates "RC Gate registrant", and then enter the correct password.

Important

❒ Do not use the default password. Be sure to set a unique password and take care to remember it.

Top Page for RC Gate registrant appears.

10 Click [RC Gate Registration Wizard].

[RC Gate Registration Wizard: Communication Method] page appears.

11 Select either [E-mail (SMTP)] or [Internet encryption communication (HTTPS)], and click [Next].

Note

❒ Select the communication method of your contract.

[RC Gate Registration Wizard: RC Gate Information] page appears.

12 Enter [Request No.]. Select your time zone list from [Time Zone] list, and click [Next].

Note

❒ [Request No.] is required to enter. This number will identify your RC Gate with the Communication Server.

[RC Gate Registration Wizard: Date/Time] page appears.

13 Enter the date and time. Then, click [Next].

Important

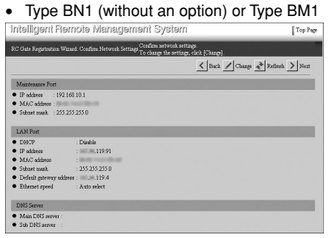
❒ Check the date and time periodically, and correct them if necessary.

Note

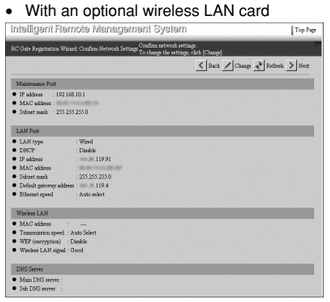
❒ Entered time will be applied after you press [Next].

[RC Gate Registration Wizard: Confirm Network Settings] page appears.

- Type BN1 (without an option) or Type BM1



- With an optional wireless LAN card



14 Click [Change].

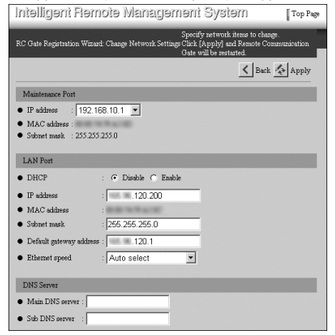
Note

❒ To return to [RC Gate Registration Wizard: Date/Time] page, click [Back].

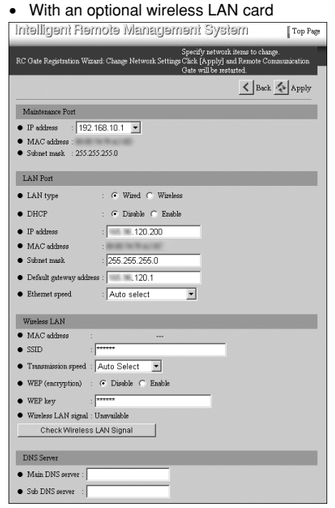
❒ Do not click [Next] on this page. If this button is clicked, [RC Gate Registration Wizard: E-mail Settings] page appears and you cannot set the IP address.

[RC Gate Registration Wizard: Change Network Settings] page appears.

- Type BN1 (without an option) or Type BM1



- With an optional wireless LAN card



15 Enter each item in the "LAN Port" group, "DNS Server" group, and "Wireless LAN" group (when an optional wireless LAN card is installed).

Note

❒ When using DHCP, select "Enable" for [DHCP], and do not enter anything in [IP address], [Subnet mask] and [Default gateway address]. These values are automatically given from the DHCP Server. Make the same settings when you give static IP address by the DHCP Server.

❒ When DHCP is "Disable," enter appropriate numbers in the way, xxx.xxx.xxx.xxx (xxx represents 0 to 255), in [IP address], [Subnet mask] and [Default gateway address].

❒ If you have installed an optional Wireless LAN card, select "Wired" or "Wireless" from [LAN type]. If you select "Wireless", enter all items from [SSID] to [WEP Key].

❒ Do not change the items in the "Maintenance port" group.

16 Click [Apply].

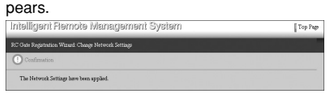
Note

❒ If you click [Back], [RC Gate Registration Wizard: Confirm Network Settings] screen appears. The entered values are not retained.

17 Click [OK].

The screen below appears.

In a few seconds, [RC Gate Registration Wizard: Confirm Network Settings] screen re-appears.



If you selected "Enable" for [DHCP], confirm the IP address given by the DHCP server, accessing from the LAN1 port according to the following procedure.

❶ Connect the equipment with the network from the LAN2 port to obtain an IP address from the DHCP server.

❷ Follow Steps 6 to 12 using the computer connected to the LAN1 port. Then make a note of the IP address of [LAN Port] at Step 13 .

❸ Click [Top Page] at Step 13 , and proceed from Step 19 .

18 Click [Top Page] on the upper right of this page.

Log in screen appears.

19 Click [Close] in [File] menu of the web browser.

The web browser closes.

20 Restore the network settings of your PC according to the written-down setting information in Step 3 of this section.

Important

❒ If you change the equipment's IP address, this step is essential for re-establishing connection with the equipment.

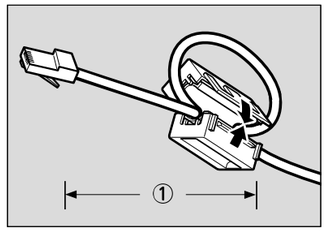
21 Disconnect the network cable from the LAN1 port of this equipment.

6 Connecting the Network Cable

Important

- ❒ Connect the equipment and the network by the supplied Network Interface Cable. You can use 10BASE-T or category 5 100BASE-TX network cable instead of the supplied network cable.
- ❒ IP address of the LAN2 port is set to 192.168.0.2, and the subnet mask is set to 255.255.255.0 as the factory default. If you cannot use 192.168.0.2 as the IP address of this equipment, change the IP address of the LAN2 port and then connect to your network. For details, please refer to "5. Changing the IP Address (LAN2 Port)."

1 Twist the network cable in loop and fix the supplied ferrite core at about 4inch (10cm, ①) from the end of the cable.

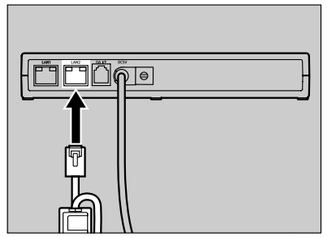


AAA306S

Note

- ❒ The ferrite core is clipped when supplied. Open the core before clipping it to the network cable.

2 Connect the network cable to the LAN2 port of this equipment.



AZQ004S

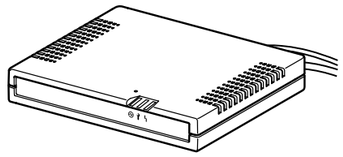
3 Connect the other end of the cable to the network device, such as HUB, etc.

7 Installing the RC Gate

Make sure the environment where you want to install the equipment meets the conditions listed on "1. Checking the Setup Environment and Power Connection", and then begin the installation procedure.

Setting the Equipment Horizontally

Lay the equipment on a flat surface, its LEDs upward.

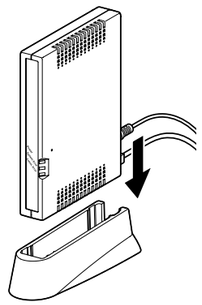


ARF001S

Standing the Equipment

You can set the equipment vertically to minimize its footprint.

1 Lift the equipment, tilt vertically (LAN1 port downward) and then slot it fully into the supplied stand, as shown.



AZQ005S

8 Registering the RC Gate to the Communication Server

1 Check the OS and web browser of the computer.

❖ Applicable OS

- The operating systems which support the recommended web browsers below.

❖ Web Browsers Recommended

- Netscape Navigator 7.1 or higher
- Microsoft Internet Explorer 6.0 or higher

Important

- ❒ Use a browser that can display disguised characters (such as asterisks) during password entry.

Limitation

- ❒ Some failure in operation or in displaying might occur when you use web browsers lower than the recommended version.
- ❒ Some failure in operation or in displaying might occur when "Java Script" is not set valid for the browser.
- ❒ Some failure in operation or in displaying might occur when "Usage approval of Cookie" is not set valid for the browser.
- ❒ Some failure in operation or in displaying might occur when you set to show cache in the web browser.
- ❒ Page layout may be out of shape depending on the font size settings. We recommend to set it to "Medium" or smaller.
- ❒ If you select the language that the web browser does not support, the letters in the browser might be garbled.

2 Start the web browser of the computer.

3 Enter "https://IP address of the LAN2 port/index.html" into [address] box.

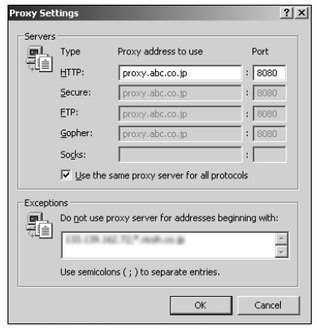
The SSL certification warning screen appears.

Note

- ❒ The SSL certification warning screen differs according to the web browser.
- ❒ If you cannot access the RC Gate Monitor, check the proxy settings.

Proxy Settings (for Internet Explorer 6.0)

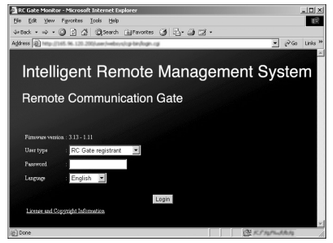
❶ On your web browser's [Tools] menu, select [Internet Options].
The [Internet Options] screen appears.
❷ Click the [Connections] tab.
❸ Click the [LAN Settings] button.
❹ Click the [Advanced] button.
❺ Under [Exceptions], after [Do not use proxy server for addresses beginning with], enter the IP address of the equipment's LAN2 port.



❻ Click the [OK] button three times.
The setting is activated.

4 Accept the certificate.

Login page of RC Gate Monitor appears.



5 Select "RC Gate registrant" in [User type], and enter the password in [Password]. Select your language in [Language], and then click [Login].

Note

- ❒ For details about the default password, see "Login User Type to RC Gate Monitor".
- ❒ If invalid password is entered, the login page will appear again. In this case, make sure [User type] indicates "RC Gate registrant", and then enter the correct password.

Important

- ❒ Do not use the default password. Be sure to set a unique password and take care to remember it.
- ❒ Access logs will be configured on every access to the RC Gate Monitor.
- ❒ For security, further login attempts are rejected if you fail to log in three times within five minutes. Wait one minute before attempting to login again.

Top Page for RC Gate registrant appears.

6 Click [RC Gate Registration Wizard]. Follow the wizard and register your equipment to the Communication Server.

Top Page appears when the registration is completed.

For details of the RC Gate Monitor

Please see "Operating Instructions" for details about [RC Gate Registration Wizard] and other wizards. Download "Operating Instructions" (PDF file) from following URL. Adobe Acrobat Reader/Adobe Reader is needed to open the PDF file.

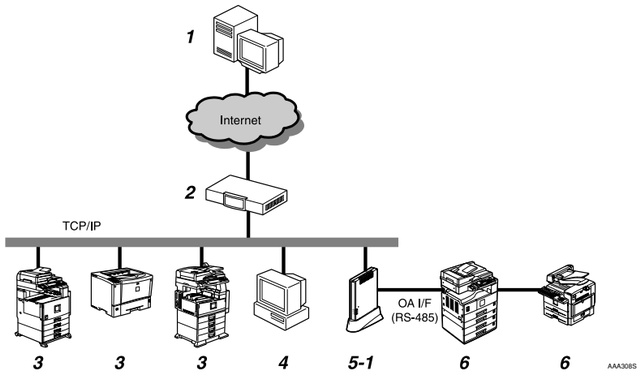
http://www.atremote.com/remote/

APPENDIX

Outline of the System

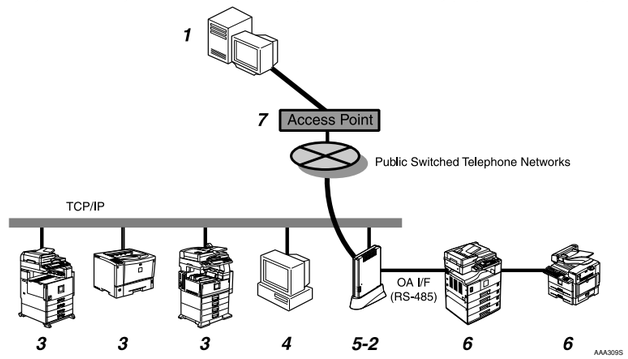
Always Connected

When your network is connected to the Internet, the equipment uses your network to send and receive data from the Communication Server. Here, we call this environment "Always connected."



Dial-up

If your network environment cannot access the Internet, the equipment can communicate with the Communication Server using a modem installed in Type BM1. Here, this is called "Dial-up." For the Dial-up, you can use your facsimile line or telephone line exclusively prepared for this equipment.



1. **Communication Server**
Information for various services will be sent here from the equipment.

2. **Proxy Server and Firewall**
Your security system for the network environment can be used.

3. **Image I/O Devices Managed on the Network**
This equipment can manage multi-function digital devices and printers. Please contact and ask your service representative regarding the devices applicable for this equipment, for there are some devices that cannot be used via network.

4. **PC for Administration**
Administrating the equipment via RC Gate Monitor.

5-1. **This Equipment (Remote Communication Gate Type BN1)**
Various pieces of information of the devices (image I/O devices) managed by this equipment are sent to the Communication Server. There are 2 communication methods: 1) HTTPS method which exchanges messages between the Communication Server as the HTTPS server and this equipment as the HTTPS client, and 2) SMTP method which sends messages from this equipment to the Communication Server via SMTP server.

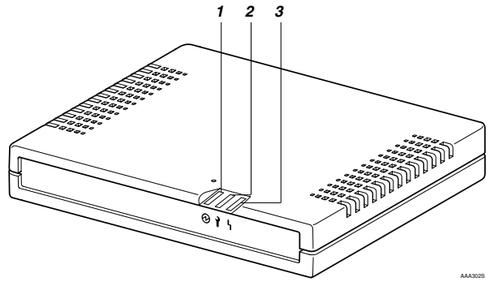
5-2. **This Equipment (Remote Communication Gate Type BM1)**
Various pieces of information of the devices (image I/O devices) managed by this equipment are sent to the Communication Server. Communications with the Communication Server will be made via the modem installed in this equipment.

6. **The Image I/O Devices not Connected to the Network**
Digital multiple function devices and Copier which are not connected to the network can also be managed, by directly connecting them to this equipment with the supplied modular cable (black). A maximum of 5 devices can be connected. There are some devices that cannot be connected by the modular cable. Regarding the connection of such devices, please ask your service representative.

Your service representative will connect these devices.

7. **Access Point**
You can make the setting by selecting a country name from among [Access point] list in [RC Gate Registration Wizard].

Guide to the Equipment



1. **Power**
Lights green while the equipment is operating.

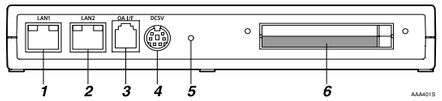
2. **Call Maintenance**
OFF when correctly the equipment started. Lights red when an error occurs. In this case, contact your service representative.

3. **Communication Error**
OFF when correctly communicated with the Communication Server. Lights orange when the access to the Communication Server fails. Check the LAN cable is correctly connected. Connect the power cable if it not connected. Then turn the power of the equipment off and turn it on again. Contact your service representative if the problem persists.

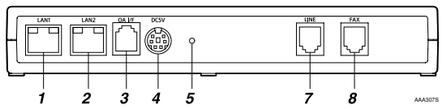
Note
- ❒ When re-booted and started, the LEDs blink for a while.
- ❒ If the equipment stops functioning due to error, the red and orange LEDs flash rapidly and alternately. Call your service representative if this happens.

Back

Remote Communication Gate Type BN1



Remote Communication Gate Type BM1



1. **LAN1 Port**
A network (Ethernet) interface port for maintenance. The IP address of the port is set to 192.168.10.1 as the factory default, but you can change the address at 192.168.1.1 or 192.168.250.1. This is used by the service engineer for the maintenance of this equipment, and also used for the first LAN2 port IP address setting by the administrator.

2. **LAN2 Port**
A network (Ethernet) interface port to connect this equipment to the network. The default IP address is 192.168.0.2, but it can be changed.

3. **OA I/F**
A port for connecting the image I/O devices that have no NIC (Network Interface Card). The modular cable (black) is used for the connection. Contact your service representative for the connection service.

4. **Power Socket**
Connect the power cable.

5. **Screw Hole**
A hole for the screw to set the bracket.

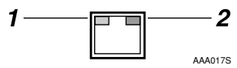
6. **A port for Wireless LAN Card (Option)**
An optional wireless LAN Card interface for the network connection of this equipment.

7. **LINE**
Interface port to connect the telephone line.

8. **FAX**
Interface port to connect the FAX line when using the same line with your FAX.

LAN Port Indicator

You can check the connection condition of LAN1 port and LAN2 port.



1. **Orange**
Lights on when connected to the 100Mpbs network. Lights off when connected to the 10Mpbs network or not connected to the network.

2. **Green**
Lights on while transmitting data.

Login User Type to RC Gate Monitor

On the login page, you can select either "RC Gate registrant" or " RC Gate administrator." Top Page (menu screen) is different according to the selected user type and communication method.

❖ RC Gate registrant

A user to set up the equipment. If you login as the RC Gate registrant, the Top Page with [RC Gate Registration Wizard] and [RC Gate and Device Settings] appears. After the RC Gate Registration Wizard is finished, the Top Page changes according to the communication method. [Auto Discovery Setting Wizard] will appear when using E-mail (SMTP) method. When in Internet encryption communication (HTTPS) method, [RC Gate Registration Wizard] disappears, and [Auto Discovery Setting Wizard] and [Device Registration Wizard] appears.

The default password is "installation".

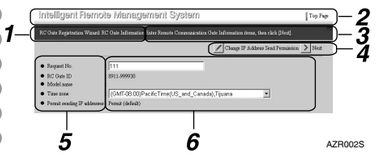
❖ RC Gate administrator

A user who manages this equipment. The RC Gate administrator can change and check the settings and information on the equipment and the managed devices. When you login as the RC Gate administrator, the Top Page with [RC Gate and Device Settings] appears.

The default password is "admin."

Important
- ❒ Never use the factory default password for the actual operation. Change it by considering the followings. Specify a new password using 8 to 13 alphanumeric and symbolic characters.
- ❒ You can use the following single-byte characters: space ! " # $ % & ' ( ) * + , - ./ 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [\ ] ^ _ a b c d e f g h i j k l m n o p q r s t u v w x y z
- ❒ Change the password regularly. We recommend you change it at least once in every six months.
- ❒ Avoid using well known words or phrases, or repeated characters that can easily be guessed.
- ❒ Do not leave passwords written where they can be seen.

RC Gate Monitor Wizard Screen and Operation



1. **Page Title**
Name of the current page is shown.

2. **Header Area**
A link button with the Top Page is here on every page. You can return to the Top Page by clicking this button.

Note
- ❒ To quit the wizard, click [Top Page].

3. **Guidance**
Guide for the current operation is shown.

4. **Command Buttons**
Click to show the next/previous page, and to update values.

5. **Name of the menu items**
Name of the setting/checking items is shown here.

6. **Contents of the items**
Contents of the items are shown. You can enter the white 3-D effect item box.