Setup Guide

About the RC Gate Monitor

Setup Guide

Outline of the System

Symbols of Setup Guide

Guide to the Equipment Front

About the RC Gate Monitor

Users of the RC Gate Monitor

Recommended Web Browser

Note

Applicable OS

TCP/IP

Remote Communication Gate A

TCP/IP

TCP/IP

Setup Guide

Figure 1: Error Status (Red)

Error Status (Red)

Indicates different patterns depending on the status of the RC Gate.

1. The LED is on if the certificate has not been issued.
2. The LED blinks slowly in the following cases:
   - The entire service is suspended by user settings.
   - A communication error has occurred in the RC Gate.
   - A system error has occurred in the RC Gate.
3. The RC Gate has been suspended due to abnormal conditions.
4. The LED is off when communication between the RC Gate and Communication Server has been successfully established.

Power (Green)

Lights green when the power of the RC Gate is on.

Shutdown button

Press and hold this button for five seconds or more to shut down the RC Gate. If the power plug is disconnected before shutting down the RC Gate, the memory/storage will be damaged. In such a case, the latest logs, a maximum of an hour, will be lost. Be sure to shut down the RC Gate before disconnecting the power plug.

Display

Displays the status of the RC Gate on the first line and the IP address of this equipment on the second line. If an error has occurred in this equipment, the second line displays an error message.

LED (Status)

Indicates the status of the RC Gate:

- Green: RC Gate is on.
- Orange: RC Gate is in error mode.
- Off: RC Gate is suspended due to abnormal conditions.

LAN Port Indicator

Indicates the status of the RC Gate:

- Orange: Indicates that the RC Gate is connected to the network.
- Green: Indicates that the RC Gate is transmitting data.

LAN Port

The 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.

Screw Hole

A hole for a screw to set the bracket.

PC Port (Maintenance port)

This port is used when a customer engineer performs maintenance, or when the designated administrator connects a PC to perform initial settings and registration of the RC Gate.

Power Socket

Connect to the power cord.

PC Port

Screw Hole

LAN Port

Communication Server

The LED is on if the certificate has not been issued.

The LED blinks slowly in the following cases:

- The entire service is suspended by user settings.
- A communication error has occurred in the RC Gate.
- A system error has occurred in the RC Gate.

The LED blinks fast in the following cases:

- The communication with the communication server has been suspended.
- A system error has occurred in the RC Gate.
- The RC Gate has been suspended due to abnormal conditions.
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Checking the Setup Environment and Power Connection

**WARNING**
- The wall outlet shall be installed near the machine and shall be easily accessible.
- Do not locate the machine on an unstable or tilted surface. If it topples over, an injury might occur.
- Do not place the machine in an environment with high humidity and dust. Otherwise, a fire or an electric shock might occur.
- The person responsible for operating the machine should designate a network administrator for administrating the office’s network if such a person is not in.
- The network administrator should thoroughly inform all users of the office network of the need to ensure that the network does not cause network outages, such as data falsification, with regards to the internal network and all related computers.
- The network administrator should connect the RC Gate and devices to a properly administrated network that is protected by a firewall or a similar Internet security facility.
- The office network should be managed so that devices cannot be connected to the network without the network administrator’s approval.
- The person responsible for operating the machine should designate a machine administrator for administrating the office’s devices if such a person is not in.
- The machine administrator should confirm that devices supported by the RC Gate are genuine; they must not be modified.

**CAUTION**
- When the RC Gate is moved from a cold to warm location, or vice versa, internal dew condensation can occur. In this case, leave the RC Gate in the new environment for at least one hour.
- Keep the RC Gate’s power on during normal operation.
- Do not locate the RC Gate where it is exposed to:
  - Direct sunlight
  - Air conditioner, heater, or humidifier emission
  - Electronic/magnetic interference from radios, televisions, or other electrical equipment
  - Areas excessively cold, hot, or humid
  - Areas directly exposed to currents of hot, cold, room-temperature air, or radiant heat from air conditioners or heaters
  - The person responsible for operating the office should select an administrator who will administrate the RC Gate properly. Failure to properly operate the RC Gate can result in security problems. The RC Gate administrator should read the Operating Instructions*, Safety Information* and Setup Guide carefully. The RC Gate administrator is responsible for management and operation of the RC Gate.
  - The RC Gate administrator should locate the RC Gate in a secure location so that it will not be taken outside of the office or damaged.
  - Do not disconnect the power cord, otherwise a fire, electric shock, or injury may occur.
  - Do not use the AC adapter supplied with the equipment. Otherwise, an electric shock, a device failure might occur.
  - 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, an electric shock, a device failure might occur.
  - Use this machine with extension cords and power sources other than those that match the specifications shown in “Safety Information” and do not use an extension cord.
  - Power cords that are damaged, broken, modified, trapped under heavy objects, pulled hard, or bent severely are electric shock and fire hazards.
  - Touching the prongs of the power cord’s plug with anything metallic constitutes a fire and electric shock hazard.
  - It is dangerous to handle the plug with wet hands. Doing this may result in receiving an electric shock.

**Important**
- Do not use an extension cord.
- Do not use with other appliances. Do not use the AC adapter supplied with the equipment. Otherwise, an electric shock, a device failure might occur.

1. **Check the setup environment.**
   - Place the RC Gate on a level and vibration free surface.
   - Place the RC Gate on a location that guarantees a space of 1 cm (0.4 inch) or more from the front/back / left/right sides of the RC Gate.
   - Place the RC Gate in the recommended temperature and humidity shown below.

   ![Temperature and Humidity Chart]

   - The RC Gate has a “CODE” that begins with D459. Check the “CODE” on the rated nameplate on the back of RC Gate.

2. **Check the power source for the RC Gate.**
   - For Users in Countries Outside of North America: 220-240 Vac, 50/60 Hz, 2.5 A or more
   - For Users in North America: 120 Vac, 60 Hz, 3.0 A or more

3. **Check the contents in the box according to the following list. If there is any item missing or damaged, please contact your service representative.**
   - RC Gate (*)
   - Setup Guide (This manual)
   - AC Adapter
   - Power Cord
   - Network Cable
   - Ferrite Core
   - Power Cord Anchor Bracket
   - Bracket Screw
   - Stand

4. **Check the setup environment and power connection.**
   - The RC Gate has a “CODE” that begins with D459. Check the “CODE” on the rated nameplate on the back of RC Gate.

5. **Check the power source for the RC Gate.**
   - For Users in Countries Outside of North America: 220-240 Vac, 50/60 Hz, 2.5 A or more
   - For Users in North America: 120 Vac, 60 Hz, 3.0 A or more

6. **Secure the power cord with the wall outlet.**
   - Use the AC adapter supplied with the equipment. Otherwise, an electric shock, a device failure might occur.
   - 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.

7. **Secure the cord with the wall outlet.**
   - The green LED lights when the RC Gate is started normally.
   - Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year.Allowing dust to build up on the plug constitutes a fire hazard.
1. Connect the network cable to the PC port, and connect the other end of the cable to a network device such as a hub.

2. Connect the network cable to the LAN port of the RC Gate.

3. Connect the other end of the cable to network devices, such as a hub.

4. Follow the instructions on the screen.
   The IP address of the computer will be set to 192.168.10.x.

5. Open the Web browser of your computer.

   An SSL certification warning screen will appear.

7. Click [Yes].

   An SSL certification warning screen will appear.

9. Click [Yes].

10. Enter each item in the "LAN Port" group and "DNS Serv- er" group.
    - When using DHCP, select [Enable]. To specify the proxy server name and/or the SMTP server name, enter the items in the "DNS Server" group. Enter an IPv4 address with numbers from 0 to 255 in "xxxx:xxxx:xxxx:xxxx:xxxx" format for "Main DNS server" and "Sub DNS server".
    - Do not change the items in the "Maintenance Port" group.

11. If you want to use inE802.1x authentication, click [Set].
    - Select [Use] for inE802.1x Authentication," set the necessary items, and then click [OK].

12. Click [Setup Wizard].

13. Select your time zone, set the date and time, and then click [Next].

14. Enter each item in the "LAN Port" group and "DNS Serv- er" group.
    - When using DHCP, select [Enable]. To specify the proxy server name and/or the SMTP server name, enter the items in the "DNS Server" group. Enter an IPv4 address with numbers from 0 to 255 in "xxxx:xxxx:xxxx:xxxx:xxxx" format for "Main DNS server" and "Sub DNS server".
    - Do not change the items in the "Maintenance Port" group.

15. To prohibit the IP addresses of the RC Gate's LAN port and devices to be sent to the Communication Server, select [Do not permit] for "Permit sending IP addresses", and then click [Next].

16. To send device information to the administrator, set e-mail information, and click [Complete].
    - For information about the types of e-mail that will be sent, see "E-Mail Types Sent to the Administrator".

17. Click [End Wizard].

18. Close the Web browser.

E-Mail Types Sent to the Administrator
You can specify e-mail information if you require it. Necessary, you can send notification e-mails of RC Gate events to the administrator. These e-mails can provide information on the following RC Gate events:
- Notice: Connection to the Communication Server Suspended
- Notice: Reconnected to the Communication Server
- Notice: Reconnected to the Communication Server Suspended

This e-mail is sent when the communication between the RC Gate and Communication Server is suspended.

Regarding the default password, see "Users of the RC Gate Monitor".
Registering the RC Gate to the Communication Server

1. Open the Web browser of your computer.
2. Enter "https://{LAN port IP address}:9443/index.html" in "Address".
   An SSL certification warning screen will appear.
3. Click [Yes].
4. Select your language from "Language", select [Administrator] from "User type", enter the password for the administrator, and then click [Login].
   Regarding the default password, see "Users of the RC Gate Monitor".
5. Click [@Remote Service Registration Wizard]. Follow the wizard and register your RC Gate to the Communication Server.
6. Remove the network cable from the PC port, and then restore the network settings of the computer.

Proxy Settings (Internet Explorer 6.0)
If you cannot access the RC Gate Monitor, see "Proxy Settings (Internet Explorer 6.0)" and make the proxy settings.

1. On your Web browser's "Tools" menu, select [Internet Options...].
2. Click [Connections] tab.
3. Click [LAN Settings...].
4. Under "Proxy server", select [Use a proxy server for your LAN (These settings will not apply to dial-up or VPN connections).], and click [Advanced...].
5. Under "Exceptions", after "Do not use proxy server for addresses beginning with", enter the IP address of the RC Gate's LAN port.
6. Click [OK] three times.

For more details, see "Operating Instructions".