

Thank you for choosing this Icom product.
The RS-MS3I is an application for iOS devices,
designed for using the DV Gateway function of Icom
D-STAR transceivers.

READ ALL INSTRUCTIONS carefully and completely
before using this product.

System requirements

The following system is required to use the RS-MS3I. (As of November 2024)

- iOS version 15 or later, iPadOS version 15 or later.
- Bluetooth function on the iOS device.

① Information

- The RS-MS3I may not work with some iPhones or iPads, even if they are one of the tested devices.
- The RS-MS3I may not work, depending on the OS version, installed application, and so on.
- These Instructions are based on using RS-MS3I version 1.0.0 and iOS 15.
Depending on the OS version or setting, the indications or items may differ.
- Because the screenshots on these Instructions are just examples, the contents may differ from the actual ones.

NOTE: Before using this application, you must have your call sign registered to the gateway server that has the RS-RP3C installed.

Ask the gateway repeater administrator for details.

Compatible transceivers

The following transceivers are compatible with the RS-MS3I. (As of November 2024)

- ID-52A PLUS/ID-52E PLUS
 - ① Only for Main CPU (CPU M) version 1.10 or later.

NOTE: See “About the DV Gateway function” on the Icom website for connection details.

<https://www.icomjapan.com/support/>

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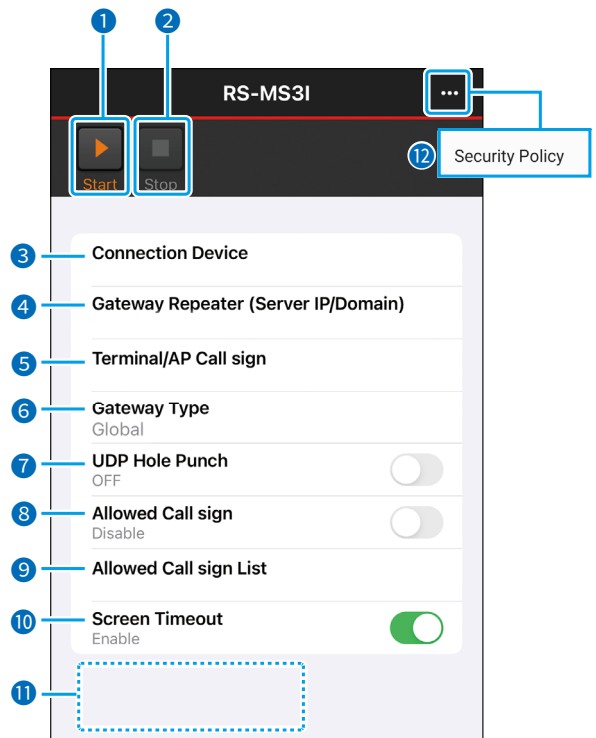
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Main screen

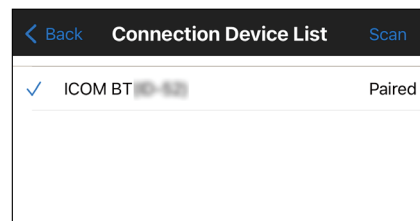
- 1 **Start**
Touch to start a connection to your destination.
- 2 **Stop**
Touch to stop the connection to your destination.
- 3 **Connection Device**
Select what you want to connect with.
- 4 **Gateway Repeater (Server IP/Domain)**
Enter the RS-RP3C's gateway repeater address.
- 5 **Terminal/AP Call sign**
Enter the gateway call sign.
- 6 **Gateway Type**
Select the gateway type.
① Select "Global" when operating outside of Japan.
- 7 **UDP Hole Punch**
Select whether or not to use the UDP Hole Punch function. This function enables you to communicate with other station who uses the DV Gateway function even if:
 - You do not forward port 40000.
 - A static or dynamic Global IP address is not assigned to your device.
- 8 **Allowed Call sign**
Select to allow the station of the assigned call sign to transmit through the Internet.
- 9 **Allowed Call sign List**
Set the call sign of the stations to allow transmissions through the Internet while "Enable" is selected for 8 "Allowed Call sign."

- 10 **Screen Timeout**
Select whether or not to use the Screen Timeout function to save the battery power.
- 11 **Call sign information field**
Displays the information of call signs that are transmitted from the iOS device or received from the Internet.
- 12 **Security Policy**
Displays the security policy.



Connection Device

- Select the connection device.
- ① Select a transceiver that has already paired with your device. See the transceiver's Advanced manual for connection details.

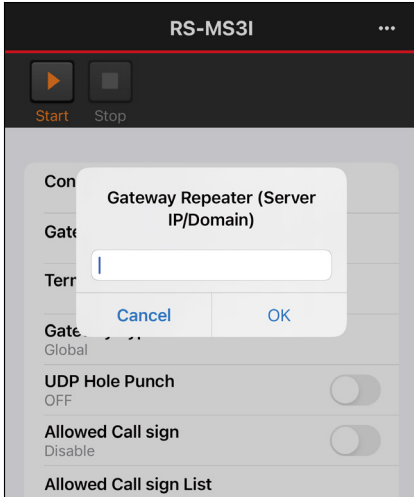


Gateway Repeater (Server IP/Domain)

Enter the RS-RP3C's gateway repeater address or domain name.

① The address consists of up to 64 characters.

NOTE: You must have your call sign registered to the gateway server that has the RS-RP3C installed. Ask the gateway repeater administrator for details.



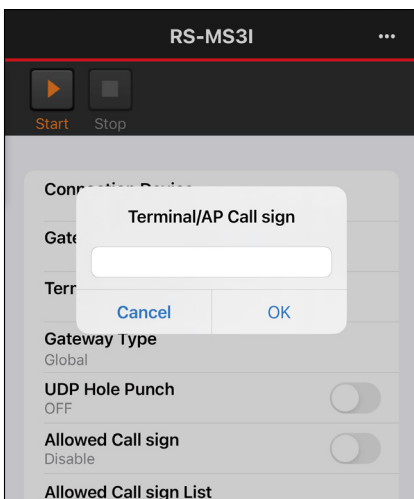
Terminal/AP Call sign

Enter the Terminal/AP call sign that is registered as the access point on the RS-RP3C's Personal Information screen.

① The call sign consists of 8 characters.

- Enter the My Call sign of the connected transceiver.
- Enter a desired ID suffix between A to Z, except for G, I, and S, for the 8th character.

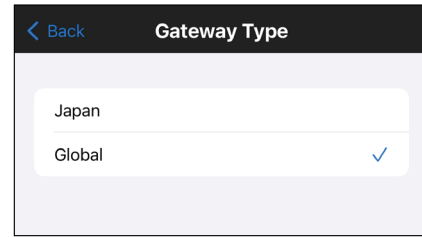
① If the call sign is entered in lowercase letters, the letters are automatically changed to uppercase letters when you touch <OK>.



Gateway Type

Select the gateway type.

① Select "Global" when operating outside of Japan.



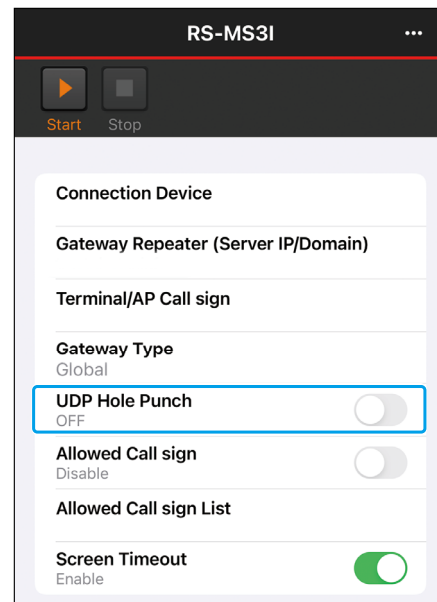
UDP Hole Punch

Select whether or not to use the UDP Hole Punch function. This function enables you to communicate with other station who uses the Terminal or Access Point mode even if:

- You do not forward port 40000.
- A static or dynamic Global IP address is not assigned to your device.

① Information

- You can receive only a reply.
- You cannot communicate using this function when the destination station uses software that is not compatible with the UDP Hole Punch function.
- When using a device assigned a static or dynamic Global IP address or forwarding port 40000 of a router, select "OFF."



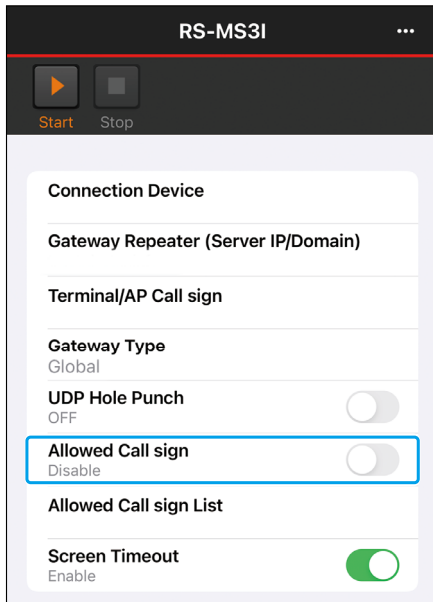
Allowed Call sign

Select to use the call sign restriction for the Access Point mode. When “Enable” is selected, this allows the station of the assigned call sign to transmit through the Internet.

Disable “”: Allow all call signs to transmit.

Enable “”: Allow only the call sign displayed under “Allowed Call sign List” to transmit.

① When using the Terminal mode, select “Disable.”



Screen Timeout

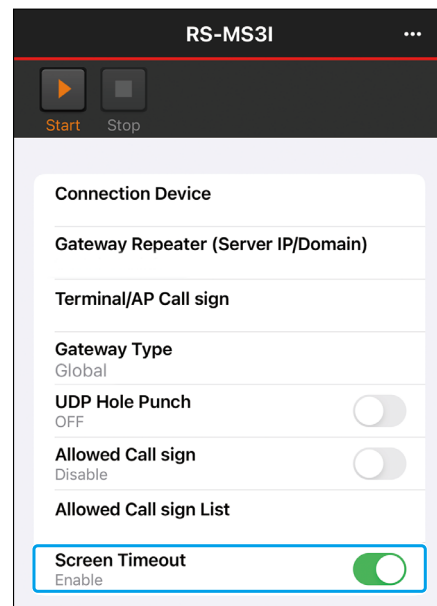
You can enable or disable the Screen Timeout function to save the battery power by turning OFF the screen when no operation is made for a set period of time.

Disable “”: Does not turn OFF the screen.

Enable “”: Turns OFF the screen when no operation is made for a set period of time.

① Set the timeout period in your iOS device setting. See your iOS device’s manual for details.

NOTE: Depending on the iOS device, the Bluetooth connection may be disconnected while the screen is OFF or in the battery saving mode. If you are using an iOS device of this type, select “Disable.”



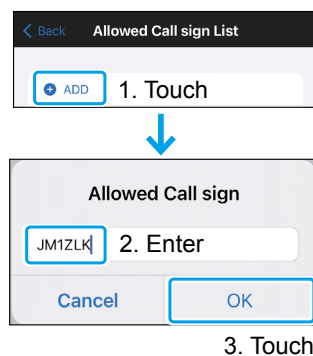
Allowed Call sign List

Enter the call sign of the stations that are allowed to transmit through the Internet while “Enable” is selected for “Allowed Call sign.”

① You can add up to 30 call signs.

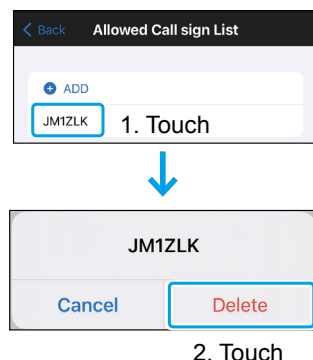
Adding a call sign

1. Touch “Add.”
2. Enter the call sign to allow the call sign to transmit.
3. Touch <OK>.



Deleting a call sign

1. Touch the call sign to delete.
2. Touch <Delete>.



Call sign information field

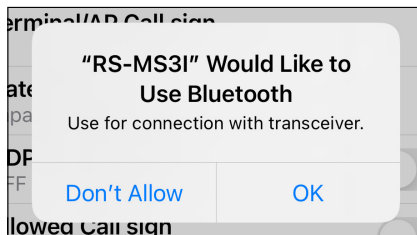
Displays the information on call signs that are transmitted from the PC or received from the Internet.

(Example)

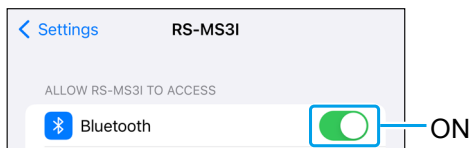
```
Network -> Transceiver  
( 16:06:45.457)  
RPT2 :  
RPT1 :  
UR :  
MY :
```

Operating tip

- When a Bluetooth headset is connected to the transceiver, depending on the combination of your iOS device and the Bluetooth headset, sound may be interrupted, and communication may not be possible. In such cases, please disconnect the Bluetooth headset before use.
- The Bluetooth connection may be disconnected when the surrounding transceiver environment affects it and the state of the iOS device.
- Connection Device List is shared with other Icom applications, so devices that cannot be connected may also appear in the list. You cannot use these devices, even if they are listed.
- If you did not allow the Bluetooth connection when you started RS-MS3I for the first time, you need to turn ON Bluetooth on the screen displayed by tapping “Settings” > “RS-MS3I” on your iOS device.



Bluetooth permission message



Turn ON the Bluetooth of RS-MS3I