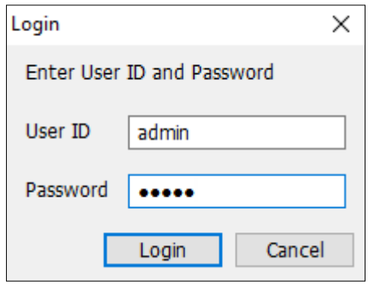
Starting the IP100FS

ⓘBefore starting the IP100FS, connect the speaker, headset, or microphone that you are going to use.

1. Click the IP100FS icon in the Start menu.
   ⓘ You can also start the software by simply by double-clicking the IP100FS icon on your desktop.
   ⓘ If “User Account Control” is displayed, click <Yes> to continue.
2. Click “Option” in the Top menu and click "Setting...."
3. The IP100FS login window appears.
   • The user ID and password listed below are set as default.



To sign in as an administrator enter:
User ID ····· **admin**
Password ····· **admin**

4. Set the sites, desitinations and so on on the displayed software screen.
   ⓘ Refer to the IP100FS's Help file for more details on the settings.

NOTE for the USB flash drive:
- The USB flash drive must be inserted into the USB port when installing and starting the IP100FS.
- Remove the USB flash drive from the USB port before restarting or shutting down the PC, otherwise you may lose your data, or damage the device.
- Remove the USB flash drive from the USB port after completing the site settings.

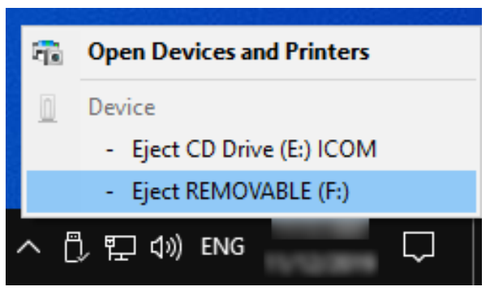
About the IP100FS Help file:
Please refer to the Help file of the software for assistance with the functions or settings.
To open the Help file, click “Help” in the Top menu of the software and select “Help,” or simply push the [**F1**] key on the PC’s keyboard.
As of April 2023, the IP1000C, IP1500C, IP1100CV, and VE-PG4 can be used as the controller of the IP100FS. In this manual, and the Help file, the IP1000C, IP1500C, IP1100CV, and VE-PG4 are written as “controller.”

PC Standby mode

Depending on the PC, the software may not operate properly after returning from the standby mode. If this occurs, turn OFF your PC’s standby mode.

Removing the USB flash drive

1. Click the <Safely Remove Hardware and Eject Media> icon in the task tray, and then click <Eject REMOVABLE>, as shown below.



   ⓘ Refer to your PC’s instruction manual if the <Safely Remove Hardware and Eject Media> icon does not appear in your task tray.
2. Remove the USB flash drive when the <Safe To Remove Hardware> message is displayed.

Uninstalling the IP100FS

ⓘSign in as an administrator and follow the steps below to uninstall the IP100FS.

1. Click the <Start> button, and then click <Settings>.
2. Click <Apps>.
3. Click <Icom IP100FS #11>, and then click [Uninstall].
4. Click [Uninstall] in the confirmation dialog.
5. If “User Account Control” dialog appears, click [Yes] to uninstall the IP100FS.

Reinstalling the IP100FS

Once the uninstallation is completed, you can reinstall the IP100FS by following the steps in “Software installation.”

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ICOM INSTRUCTIONS

IP ADVANCED RADIO SYSTEM
REMOTE COMMUNICATOR
IP100FS

Thank you for choosing this Icom product.
READ ALL INSTRUCTIONS carefully and completely before using this product.
SAVE THESE INSTRUCTIONS— These instructions contain important safety and operating instruction for the IP100FS.

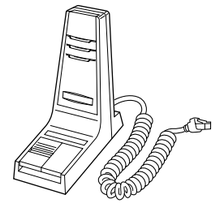
System requirements (As of April 2023)

PC	
Operating System	Microsoft Windows 11 (64 bit) Microsoft Windows 10 (32/64 bit) ⓘ Except for Windows on ARM. ⓘ The instructions are based on using Microsoft Windows 10.
CPU Clock	Intel Core 2 Duo Processor E6600/2.40 GHz, equivalent or better ⓘ Windows 11 requires 2 or more cores.
System Memory	2 GB or more
Monitor	Full HD (1920 × 1080) reccomended XGA (1024 × 768) at least
Sound card	For sounding alarms.
Speaker	For sounding alarms.
LAN	100BASE-TX or faster
HDD	At least 1 GB of available free space.
USB	1.1 or 2.0

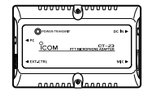
NOTE: DO NOT install more than 2 LAN cards in the PC.

Options

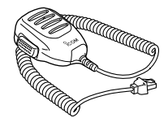
SM-26*1
DESKTOP MICROPHONE



CT-23*2
PTT MICROPHONE ADAPTER



HM-152
HAND MICROPHONE



*1 When using with the IP100FS, the MONITOR switch is disabled.
*2 CT-23 is necessary when you connect the SM-26 and the PC.

NOTE for the CT-23:
- The CT-23 audio communication contains a high pitched tone that most people cannot hear. However, if you do hear it, lower the PC’s audio volume.
- If the booster, amplifier or filtering function is set in the microphone interface of the PC, deactivate them.
- If the microphone’s PTT malfunction occurs, adjust the microphone recording level properly.

USB flash drive and its files

The USB flash drive contains the IP100FS and its installer. “REMOVABLE” and “CD Drive ICOM” windows appear when the USB flash drive is attached to the PC.

NOTE: DO NOT restart or shutdown the PC with the USB flash drive attached to it. This may be the cause of data loss and malfunctions. **ALWAYS** remove the flash drive from the PC before restarting or shutting down the PC.

About the firewall settings

The IP100FS communications may be blocked by your firewall.
In that case, a protocol and port numbers listed below should be allowed to pass the firewall.
See your firewall instructions for the correct settings.

Protocol: UDP
Port number:
Source Port Number* → Server Port Number*
Source Port Number* ← Server Port Number*
Source Port Number* ← Dynamic port

* Refer to the port numbers set in the site settings of the IP100FS.
(→ Top menu > Option > Setting...)

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All other products or brands are registered trademarks or trademarks of their respective holders.

Explicit definition

WORD	DEFINITION
⚠WARNING!	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.
NOTE	If disregarded, inconvenience only. No risk of personal injury, fire or electric shock.

Operation note

- Ensure that your PC supports USB port(s) operation by confirming the Universal Serial Bus controller is in the PC's Device Manager.
- We recommend that you insert the IP100FS USB flash drive to the PC's USB port. Connecting it through a hub may damage the drive or make it work improperly.
- When operating the PC or external devices, see their instruction manuals for operational details.

Installation note

The displayed dialogue boxes, indications or operations may differ slightly, depending on your system settings and OS.

Precautions

⚠ **WARNING! NEVER** disassemble, modify or repair the IP100FS USB flash drive. This may result in an electrical shock, cause a fire or damage the drive.

⚠ **WARNING! NEVER** operate or touch the IP100FS USB flash drive with wet hands. This may result in an electrical shock or damage the drive.

CAUTION: DO NOT place the IP100FS USB flash drive in direct sunlight. This could damage the IP100FS drive.

CAUTION: DO NOT use harsh solvents such as benzine or alcohol to clean the IP100FS USB flash drive, as they can damage the drive's surfaces. If the USB flash drive becomes dusty or dirty, wipe it clean with a dry, soft cloth.

Always place the IP100FS USB flash drive in a secure place to avoid inadvertent use by children.

FCC information

CAUTION: Any changes or modifications not expressly approved by Icom Inc., could void your authority to operate the equipment under FCC regulations.

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 or 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.

Disposal



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.

About CE

CE

Versions of the IP100FS which have the "CE" symbol on the product, comply with the essential requirements of the 2014/30/EU directive for Electromagnetic Compatibility.

Software installation

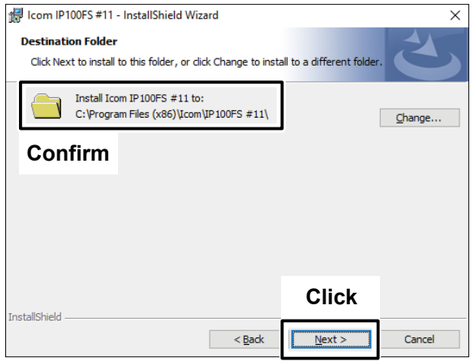
ⓘWhen installing the software, confirm Windows has completed its startup, and then sign in as the **administrator**.

1. Confirm no other applications are running.
2. Insert the USB flash drive into the PC.
3. Double-click the "IP100FS_Setup.exe" stored in the REMOVABLE drive.
   ⓘ If "User Account Control" is displayed, click <Yes> to continue.
4. "Welcome to the InstallShield Wizard for Icom IP100FS #11" is displayed. Click <Next>>.



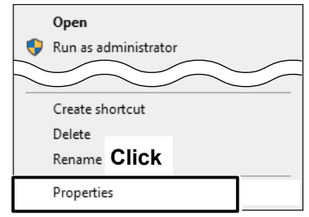
NOTE:
If your PC has already installed the software, the uninstallation or update screen appears.

5. "Destination Folder" is displayed. After confirming the locaion, click <Next>>.

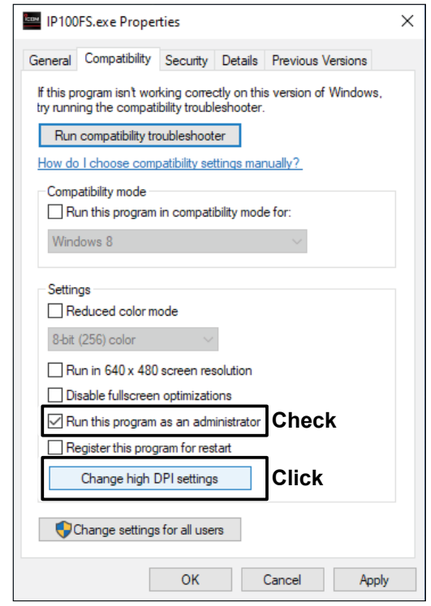


ⓘ If desired, click <Change...> to select another destination folder before clicking <Next>>.

6. "Ready to Install the Program" is displayed. Click <Install>.
7. After the installation has been completed, "InstallShield Wizard Completed" is displayed. Click <Finish>.
8. Right-click the "IP100FS.exe" or the shortcut, and click "Properties."



9. Select the "Compatibility" tab, check the "Run this program as an administrator" box, and then click the "Change high DPI settings."



10. Check the "Override high DPI scaling behavior." box, set "Scaling performed by:" to "Application," and then click <OK>.

