USB DRIVER

INSTALLATION GUIDE

For the Icom network devices

You can set up an Icom network device using a PC, by connecting it to the [CONSOLE] port of the network device through a USB (Mini-B) cable.

Read this installation guide and install the USB driver to your PC, before connecting the USB cable.

This guide describes based on the following conditions:
- You have already downloaded the latest USB driver from the Icom Download Service website. http://www.icom.co.jp/world/support/
- The Icom network device that you want to set up has a [CONSOLE] port.
- The operating system of the PC is Windows 10.
  ⓘ The installation steps or displayed dialog may differ, depending on the operating system.

TABLE OF CONTENTS

1. OVERVIEW 1
System requirements 1
2. PRECAUTIONS 2
Before the installation 2
Before connecting to a PC 2
After the installation 2
3. INSTALLING THE DRIVER 3
4. FOR YOUR REFERENCE 5
4-1 Terminal software setting 5
4-2 COM Port setting 6
4-3 Uninstalling the driver 7

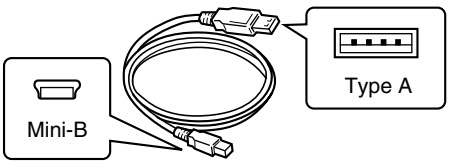
1. OVERVIEW

System requirements

The following hardware and software are required:

PC
- Microsoft® Windows® 10 (32/64 bit)
- Microsoft® Windows® 8.1 (32/64 bit)*
  *Except for the “RT” version.
- Microsoft® Windows® 7 (32/64 bit)
- A USB 1.1, 2.0, or 3.0 port

Cable
- A USB cable (User supplied)



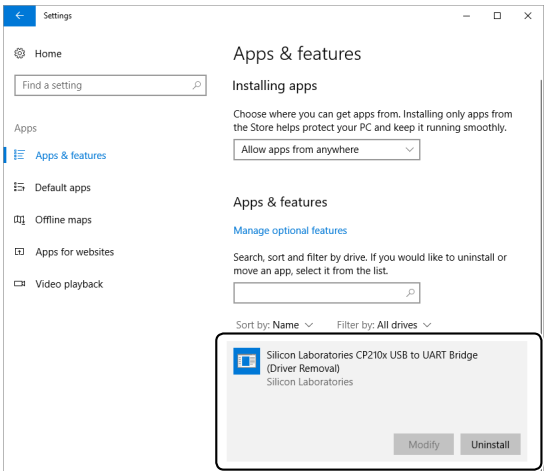
NOTE:
- Depending on the length of a third-party USB cable, the network device may not work correctly even if the PC recognizes it. Use a cable as short as possible.
- Depending on the network device, the [CONSOLE] port shape may differ. Purchase a proper USB cable.

Icom, Icom Inc. and the Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand, and/or other countries.
Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.
All other products or brands are registered trademarks or trademarks of their respective holders.

2. PRECAUTIONS

Before the installation

- When installing the software, confirm Windows has completed its startup, and then log in as the administrator.
- Confirm no other application is running.
- If an earlier version “Windows Driver Package - Silicon Laboratories Inc. (silabser) Ports” is installed, manually uninstall it before installing the latest driver.
  See “Uninstalling the driver” on page 7 for details.



Before connecting to a PC

- The USB driver does not support the automatic recognition system. **NEVER** connect the USB cable between the network device and the PC until AFTER the USB driver has been installed.
  See “Installing the driver” on page 3 for details.
  Once the driver has been installed, a PC software can be used by just connecting the USB cable.
- Directly connect the network device and the PC. Icom is not responsible for improper operation when connecting them through a USB hub.

After the installation

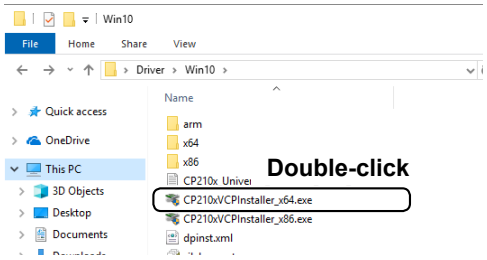
- **Uninstalling the USB driver**
  You cannot uninstall the USB driver for individual device. After uninstalling the USB driver, none of the devices that require this driver can be recognized by the PC.
- **When another network device is connected**
  A COM port number is automatically added after turning ON the device.

3. INSTALLING THE DRIVER

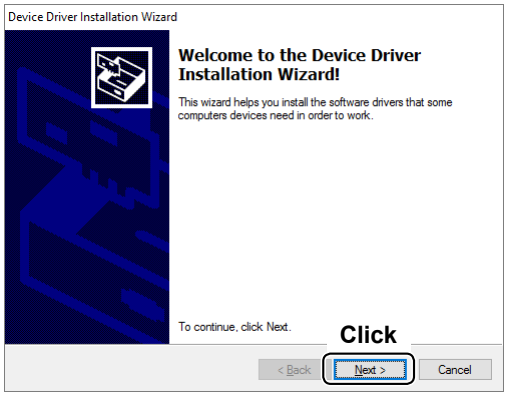
NOTE:
- **NEVER** connect the USB cable between the network device and the PC until the USB driver has been installed. Disconnect the cable, if connected, before starting the USB driver installation.
- This USB driver does not support the automatic recognition system.

ⓘ The displayed dialog, indications, or operations may differ slightly from the following instructions, depending on your system version and settings.

1. Log on the PC as the administrator.
   Confirm that the network device and PC are not connected, and no other application is running.
2. Extract the downloaded USB driver, and then open the folder that contains the installer.
3. Double-click the following file:
   - For the 32 bit version OS:
     CP210xVCPInstaller_x86.exe
   - For the 64 bit version OS:
     CP210xVCPInstaller_x64.exe

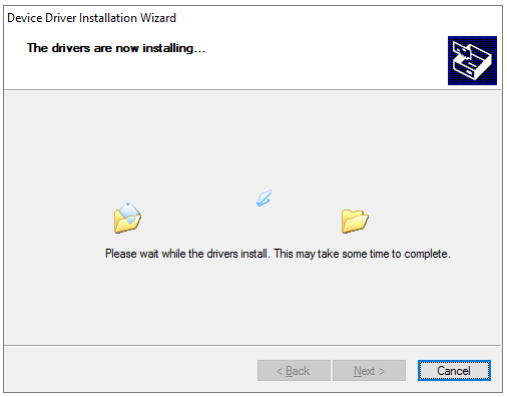


4. When the “User Account Control” dialog is displayed, click <Yes>.
5. When the install screen is displayed, click <Next>.

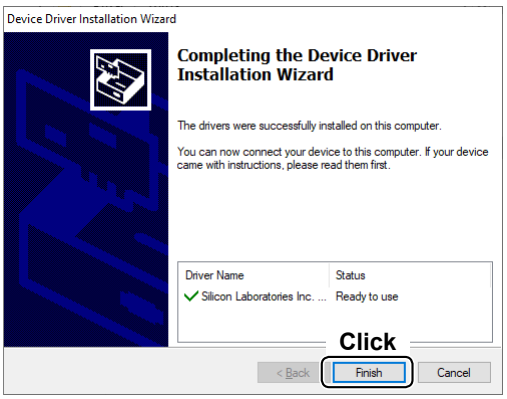


- If the “License Agreement” dialog is displayed, read the agreement, and then select “I accept this agreement,” and then click <Next>>.

6. Windows starts installing the driver.

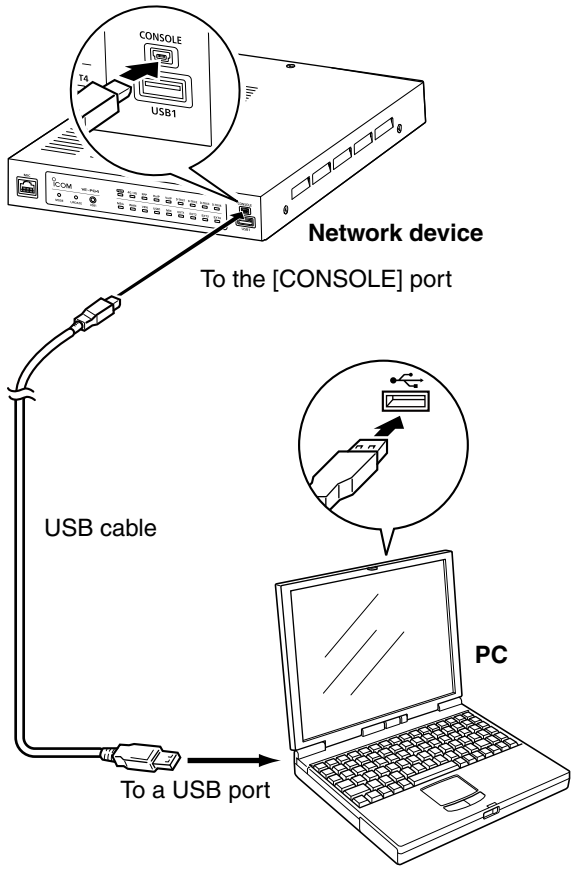


7. After the installation has completed, click <Finish>.



(☞ Continued on the next page)

8. Confirm the network device is turned OFF, connect the USB cable between the device and the PC, as shown below. Then, turn ON the device.
   ⓘ Confirm the USB cable connector shape.



IMPORTANT: Directly connect the network device and the PC. Icom is not responsible for improper operation when connecting them through a USB hub.

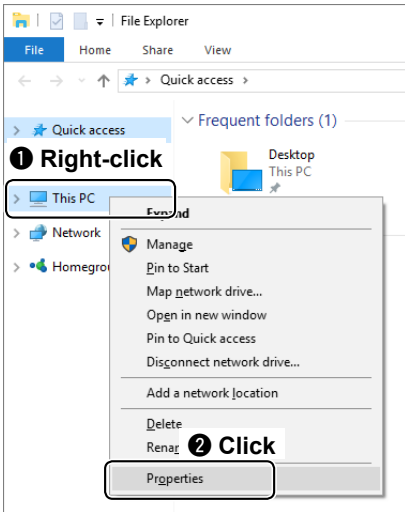
9. The installation icon is displayed on the taskbar as shown below, and then Windows starts installing the driver.

- After the driver installation has completed, the installation icon disappears.
- Depending on your system version or setting, you may be prompted to restart the PC. In this case, follow the instructions on the screen.

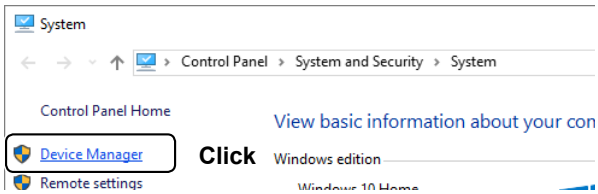
After the driver installation has completed, confirm the port connection and port number.

10. Click the folder icon on the taskbar.

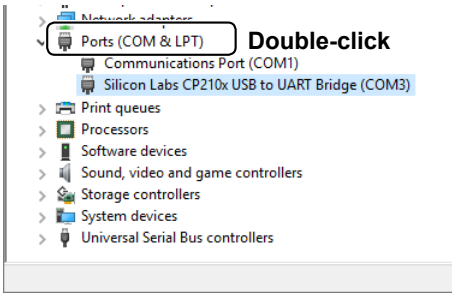
11. Right-click “This PC,” and then click “Properties.”



12. Click [Device Manager].
    - The “Device Manager” screen is displayed.



13. Double-click “Ports (COM & LPT)” on the “Device Manager” screen.



- When the driver is completely installed, “Silicon Labs CP210x USB to UART Bridge (COM✱)” is displayed. For example, the above screen shows the USB serial COM port number “3.”

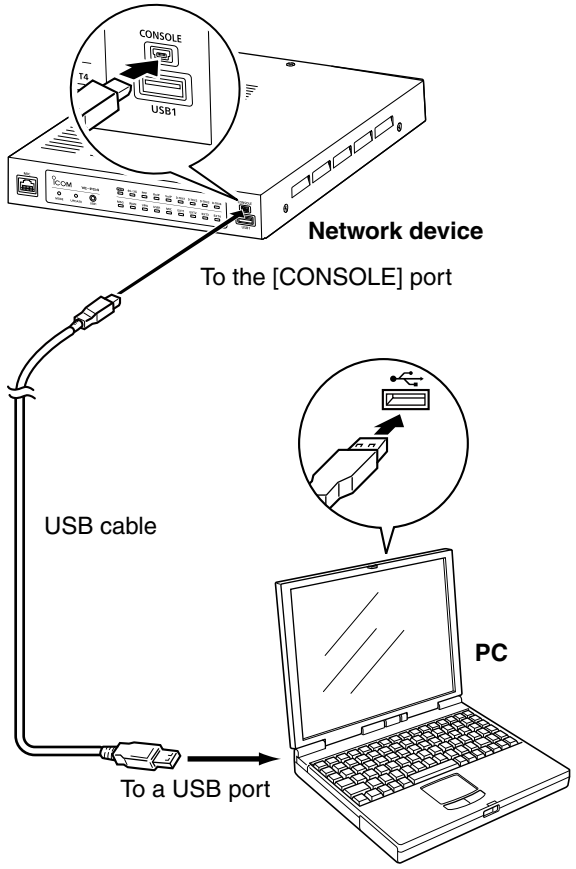
- The COM port number may differ, depending on the PC environment.
- If “!” or “×” is displayed on the “Device Manager” screen, the driver may not correctly be installed. In such a case, uninstall the USB driver first, and then reinstall it.

4. FOR YOUR REFERENCE

4-1 Terminal software setting

Do the following steps to access the network device with a terminal software, when the IP address of the device is unknown.

1. Confirm the network device is turned OFF, connect the USB cable between the device and the PC, as shown below. Then, turn ON the device.
   ⓘ Confirm the USB cable connector shape.



2. Open a terminal software on your PC.
3. After installing the USB driver, set the serial port settings in the terminal software as follows:

   - **Port**: Check the COM port number setting on your PC
   - **Baud rate**: 115200 bps
   - **Data**: 8 bit
   - **Parity**: None
   - **Stop**: 1 bit
   - **Flow control**: None

4. When the COM port setting is finished, press the [Enter] key.
   - The login prompt with the device name is displayed. (For example: “VE-PG4> login:”)

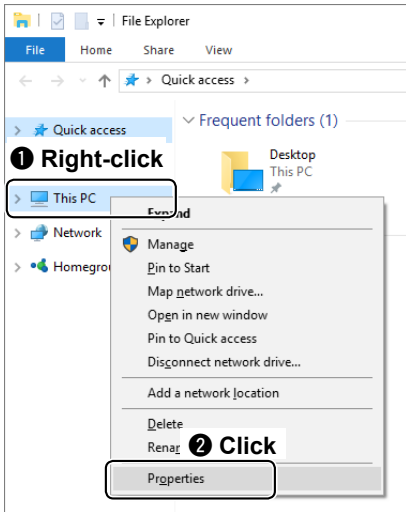
   ⓘ After you have successfully logged in to the device, you can display the available command list by pressing the [Tab] key.

4-2 COM Port setting

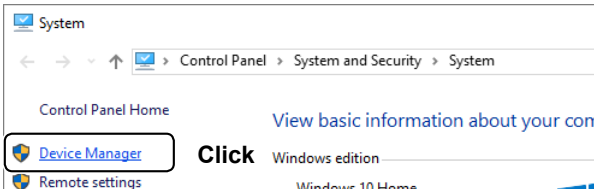
To change the COM Port number setting after you have installed the USB driver, connect the network device to the PC first, and then turn ON the device.

1. Click the folder icon on the taskbar.

2. Right-click “This PC,” and then click “Properties.”



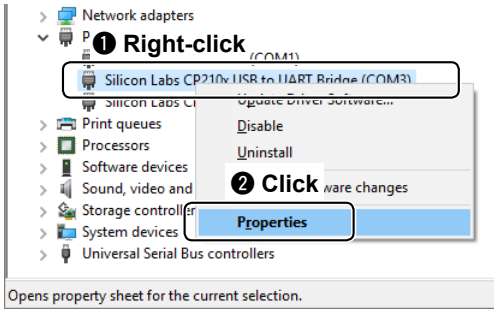
3. Click [Device Manager].



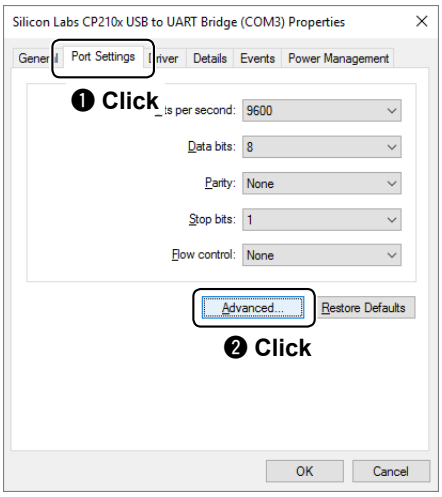
- The “Device Manager” screen is displayed.

4. Right-click “Silicon Labs CP210x USB to UART Bridge (COM∗)” and then click “Properties.”

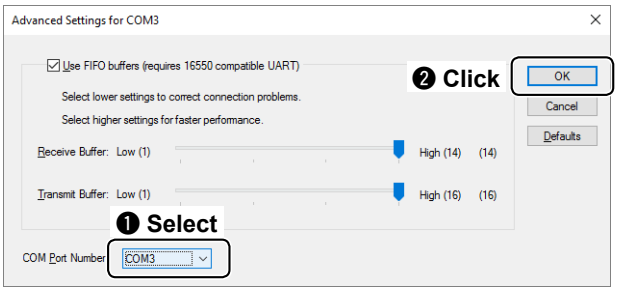
The COM port number is displayed instead of “∗.”



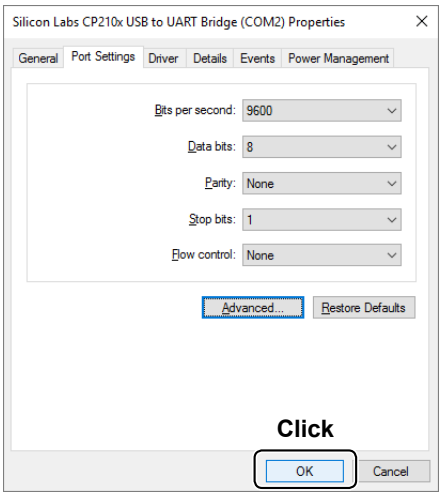
5. Click the [Port Settings] tab, then click <Advanced...>.



6. Select the COM port number, then click <OK>.



7. Click <OK> to close the screen.

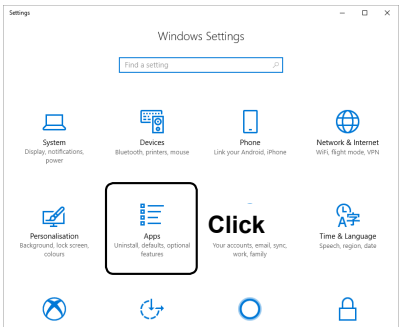


4-3 Uninstalling the driver

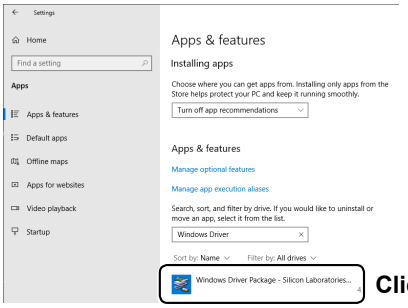
The displayed dialogs or indications may differ slightly from the following instructions, depending on your system version and settings.

1. Click the Windows icon on the taskbar, then click the [Setting] icon.

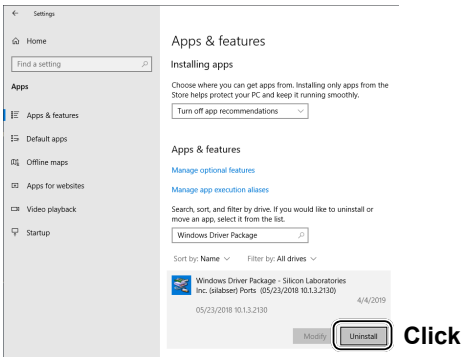
2. Click [Apps].



3. Click “Windows Driver Package - Silicon Laboratories Inc. (silabser) Ports.”



4. Click <Uninstall>.
   - When the “User Account Control” dialog is displayed, click <Continue>.



5. Follow the instructions on the screen to uninstall.

A7522-1EX © 2019 Icom Inc.