USB Driver

Installation Procedure Manual

Supported Models: PHC-D08
                       PHE-3FB2
                       PHE-3FB3

Supported OS: Windows 7 (32bit, 64bit)
                       Windows 8 (32bit, 64bit)
                       Windows 8.1 (32bit, 64bit)
                       Windows 10 (32bit, 64bit)
                       Windows 11 (64bit)
                       Windows Server 2008 R2
                       Windows Server 2012
                       Windows Server 2012 R2
                       Windows Server 2016
                       Windows Server 2019
                       Windows Server 2022
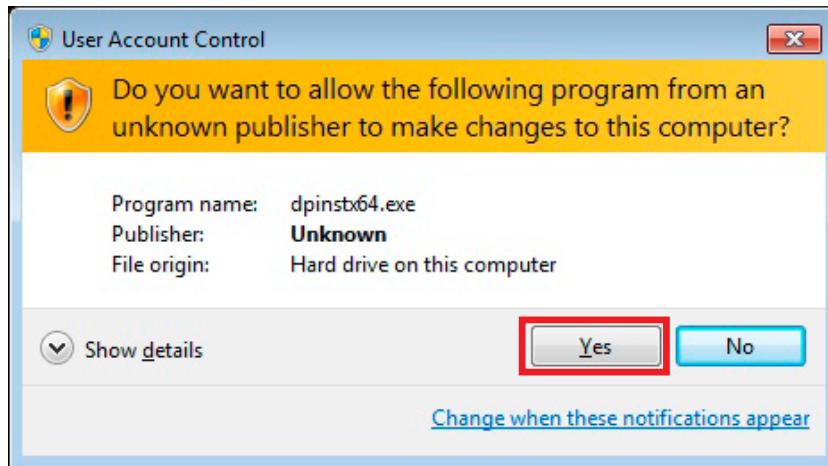
Table of Contents

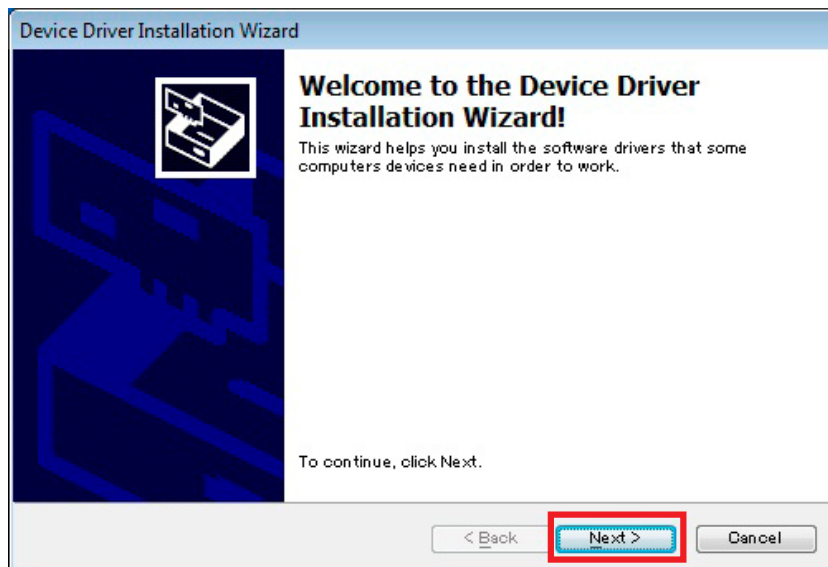# 1. Windows 7

1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.

2. If a screen displays a message, "User Account Control", click "YES" to continue.

3. Click "Next" to continue.

4. The driver installation is started with an Installation Wizard.

5. If a Windows Security window is prompted, click "Install" to continue.

6. Click "Finish" to complete the installation.

   The driver installation is completed.

   By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.

2. Connecting the Product

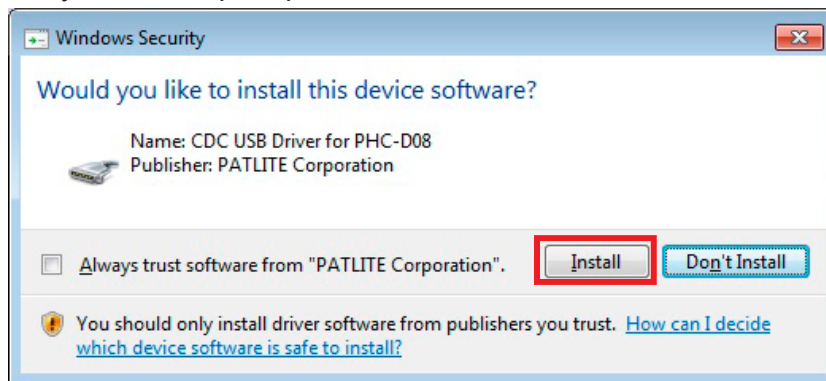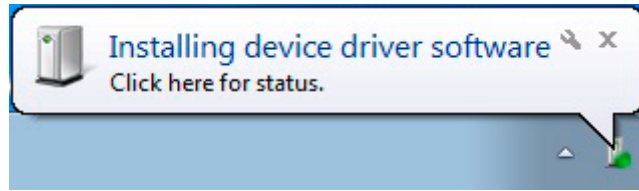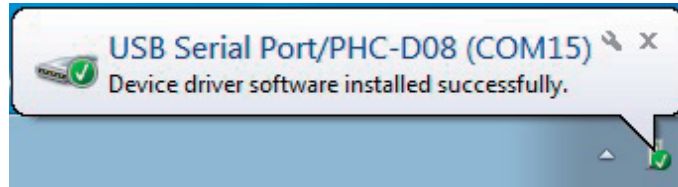1. Connect a personal computer to this product with a USB cable.
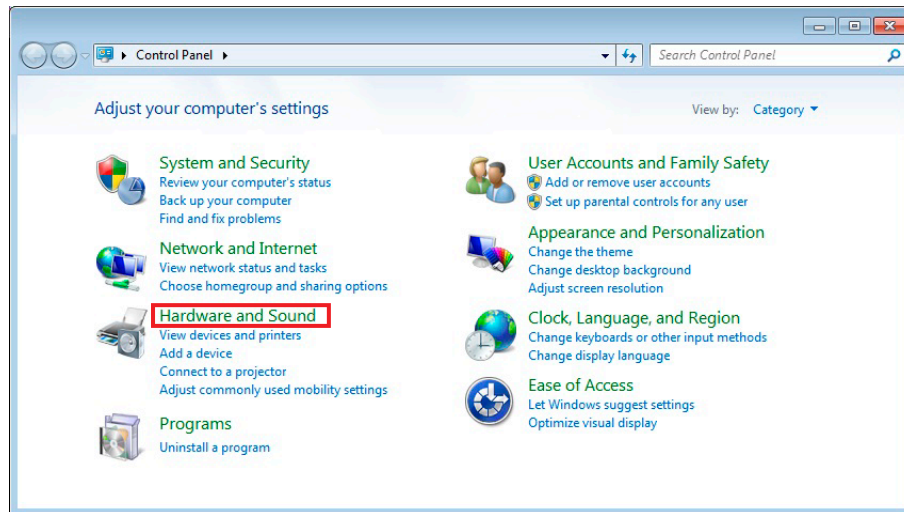
A dialog window will pop-up after connection.

2. After awhile, "Device driver software installed successfully." will be displayed.

3. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

4. Click the "Device Manager" under the "Devices and Printers" section.

5. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
 * The "(COM*)" is the number to use at the end of the command to control the equipment.

Connection of the product is complete.

3. Driver Uninstallation

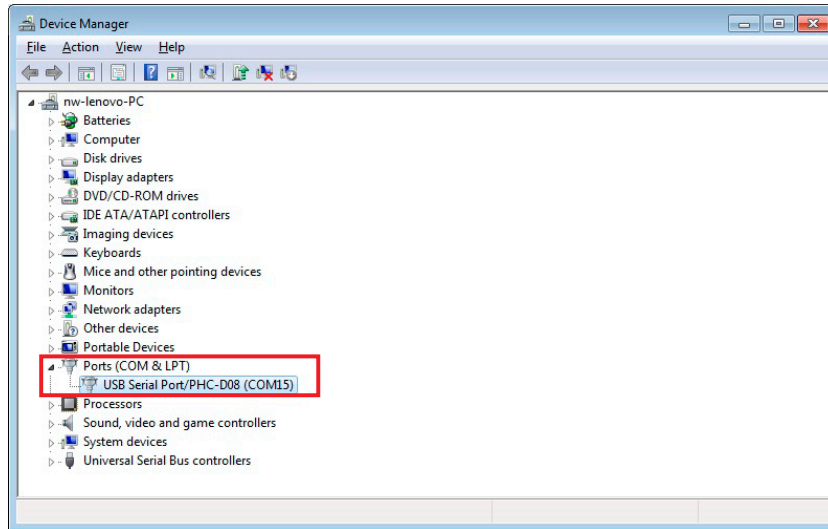1. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

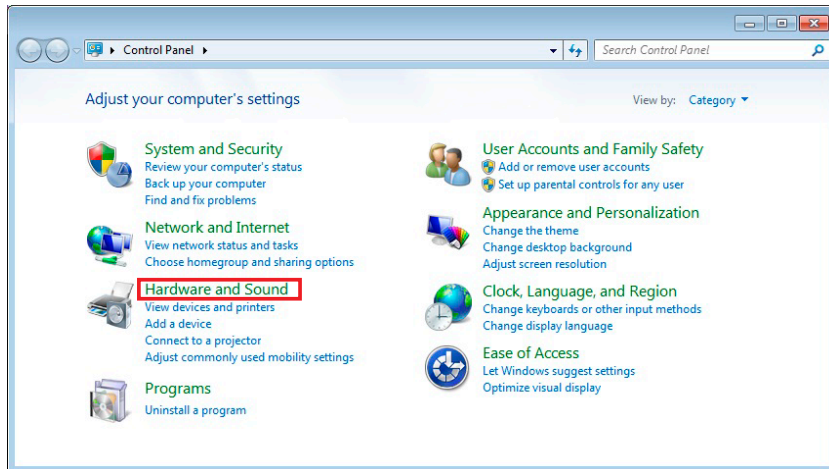2. Click the "Device Manager" under the "Devices and Printers" section.

3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

* Make sure the connected product model is displayed after the "USB Serial Port/" prefix.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

4. Right-click on the "USB Serial Port/****" and click "Uninstall" to delete.

5. Put a check in the box for "Delete the driver software for this device", then click "OK" to continue.

Driver Uninstallation is completed.

2. Windows 8, Windows 8.1

1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
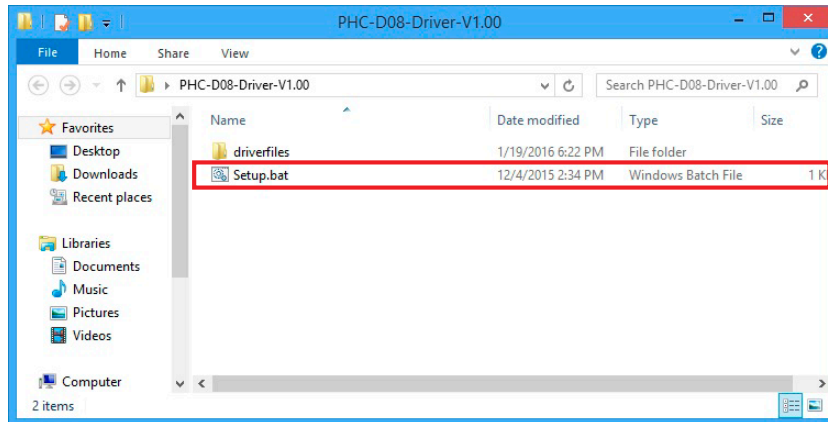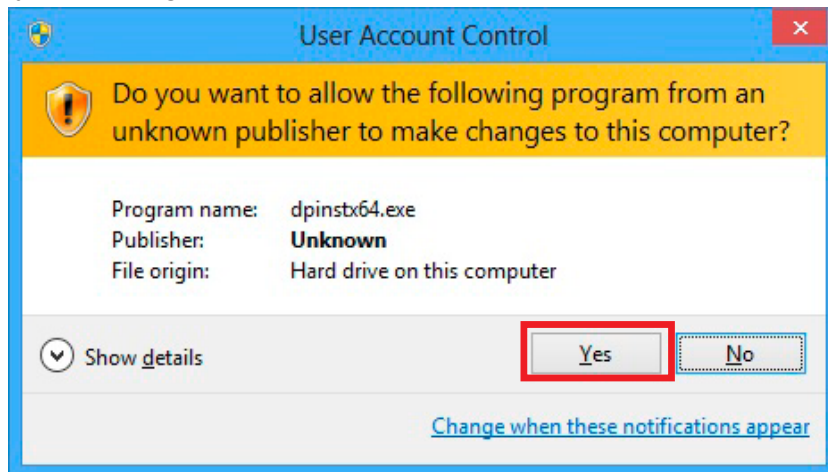

2. If a screen displays a message, "User Account Control", click "YES" to continue.

3. Click "Next" to continue.

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4. The driver installation is started with an Installation Wizard.

5. If a Windows Security window is prompted, click "Install" to continue.

6. Click "Finish" to complete the installation.

The driver installation is completed.

By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.

2. Connecting the Product

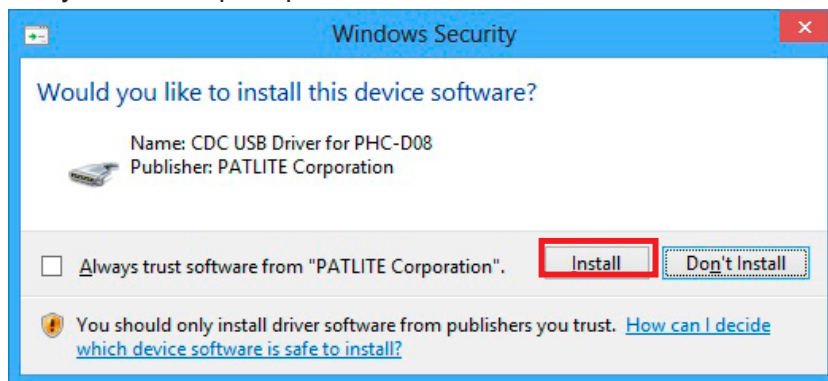1. Connect a personal computer to this product with a USB cable.
   Connection to the device will be set up automatically.

2. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

3. Click the "Device Manager" under the "Devices and Printers" section.

4. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
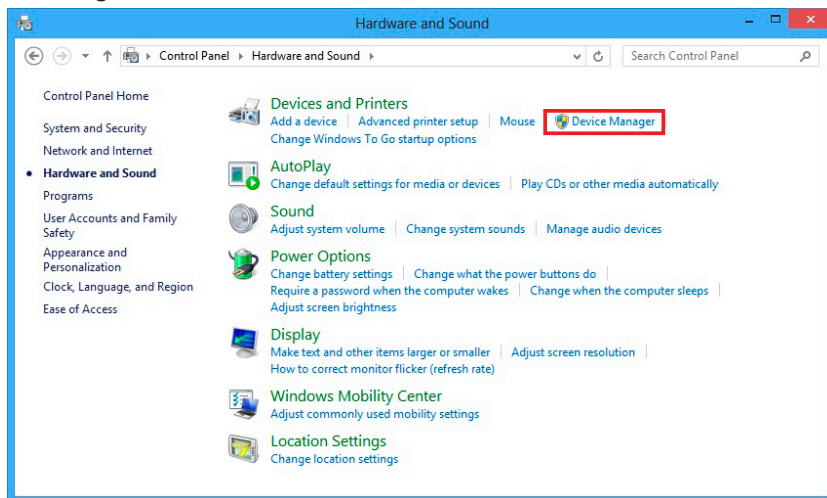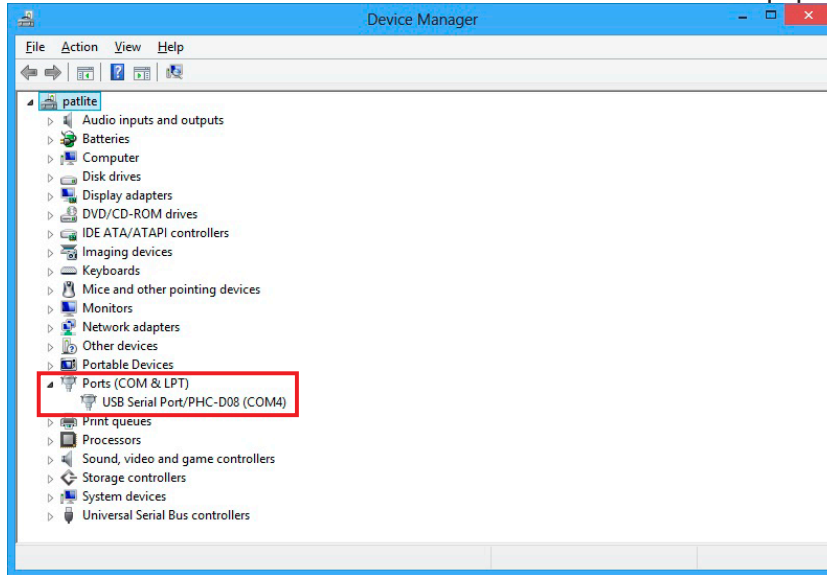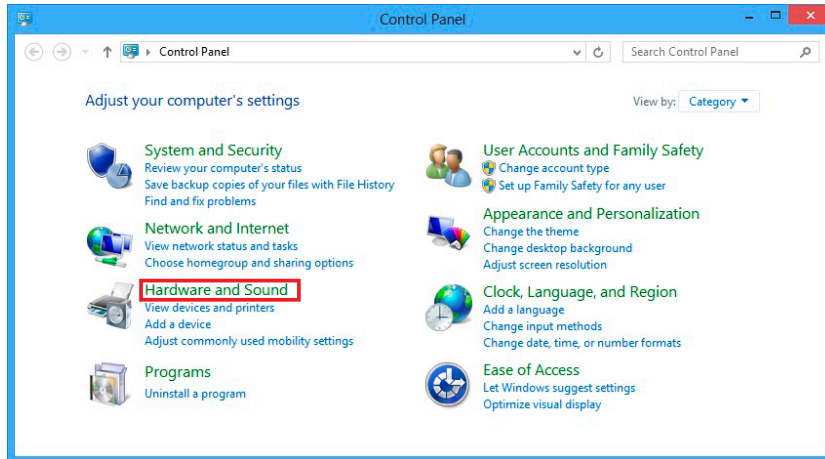   (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
* The "(COM*)" is the number to use at the end of the command to control the equipment.

Connection of the product is complete.

1. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

2. Click the "Device Manager" under the "Devices and Printers" section.

3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
* Make sure the connected product model is displayed after the "USB Serial Port/" prefix.

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4. Right-click on the "USB Serial Port/****" and click "Uninstall" to delete.

5. Put a check in the box for "Delete the driver software for this device", then click "OK" to continue.

Driver Uninstallation is completed.

3. Windows 10

1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
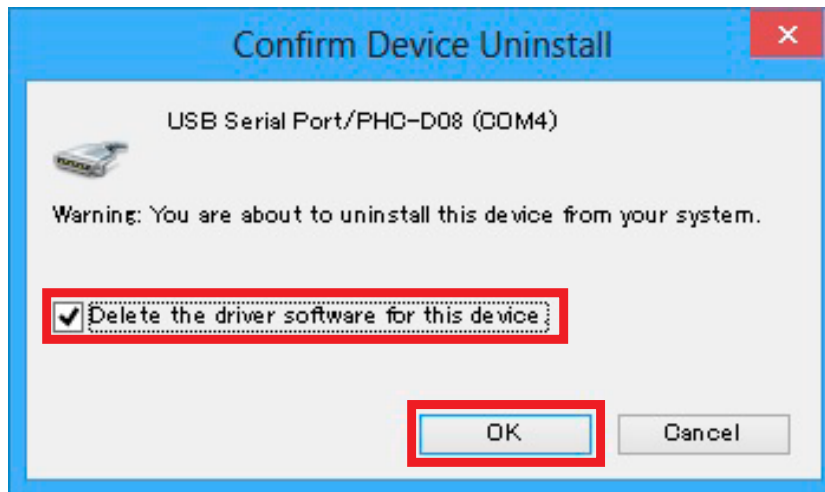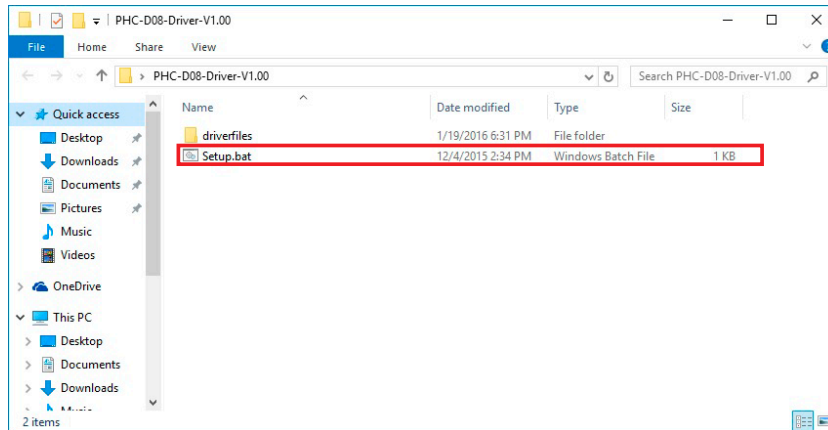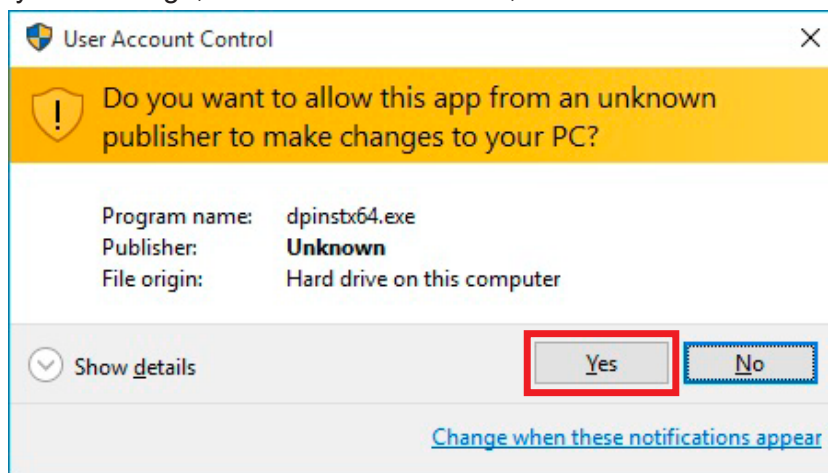

2. If a screen displays a message, "User Account Control", click "YES" to continue.

3. Click "Next" to continue.

4. The driver installation is started with an Installation Wizard.

5. If a Windows Security window is prompted, click "Install" to continue.

6. Click "Finish" to complete the installation.

The driver installation is completed.

By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.

1. Connect a personal computer to this product with a USB cable.
   Connection to the device will be set up automatically.

2. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

3. Click the "Device Manager" under the "Devices and Printers" section.

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4. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

* The "(COM*)" is the number to use at the end of the command to control the equipment.

Device Manager

File   Action   View   Help

- DESKTOP-CTNN6LM
  - Audio inputs and outputs
  - Batteries
  - Computer
  - Disk drives
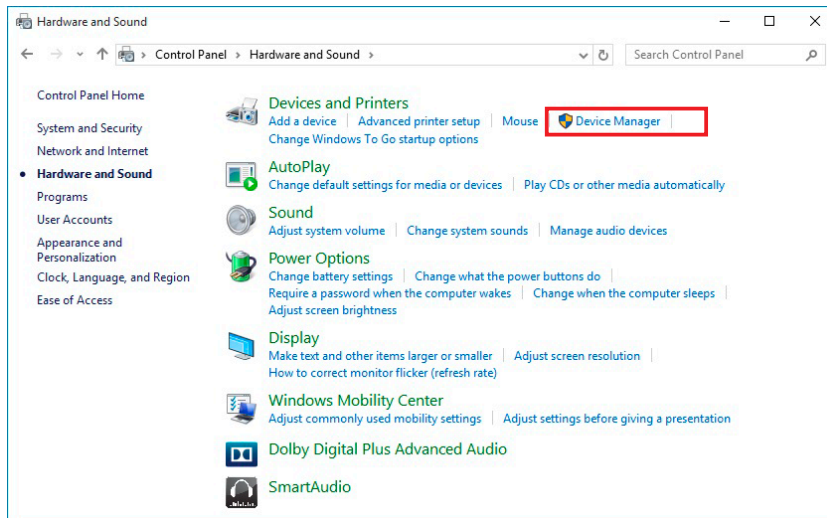 - Display adapters
  - DVD/CD-ROM drives
  - IDE ATA/ATAPI controllers
  - Imaging devices
  - Keyboards
  - Mice and other pointing devices
  - Monitors
  - Network adapters
  - Other devices
  - Portable Devices
  - Ports (COM & LPT)
    - USB Serial Port/PHC-D08 (COM3)
  - Print queues
  - Processors
  - Software devices
  - Sound, video and game controllers
  - Storage controllers
  - System devices
  - Universal Serial Bus controllers

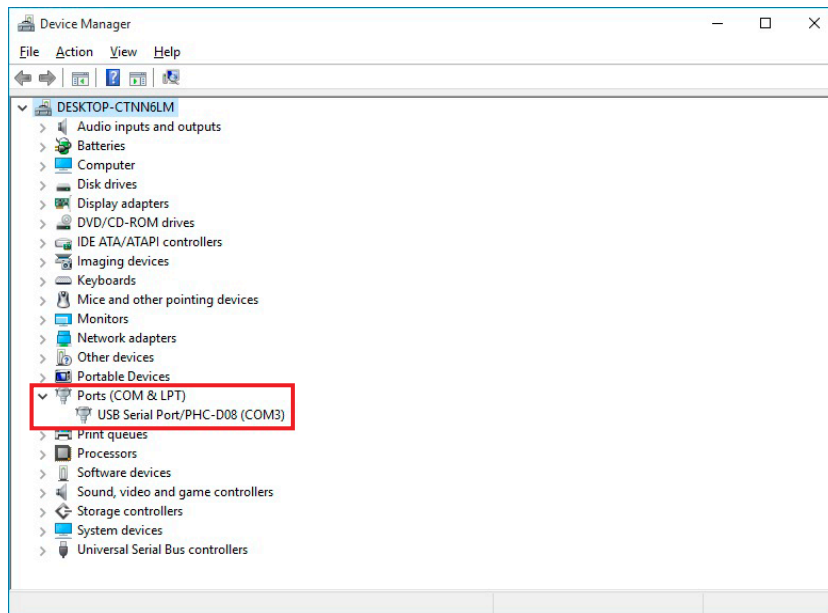**Connection of the product is complete.**

3. Driver Uninstallation

1. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

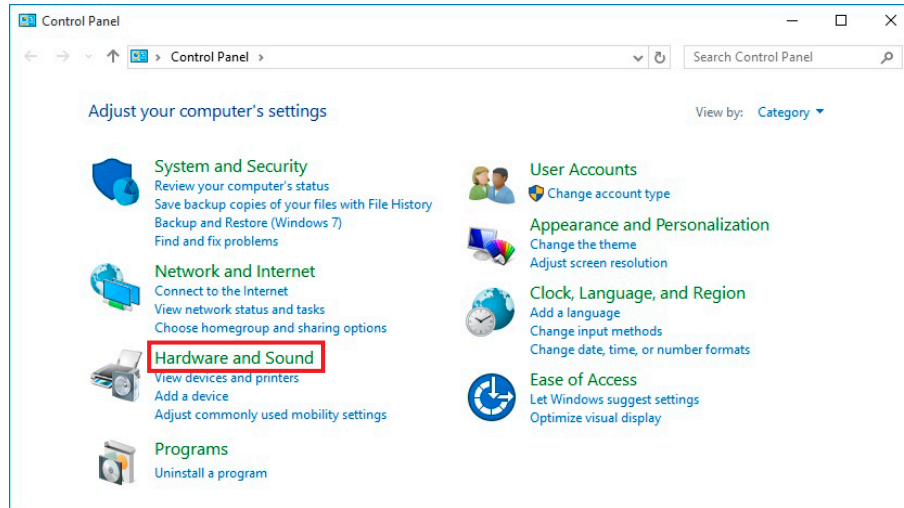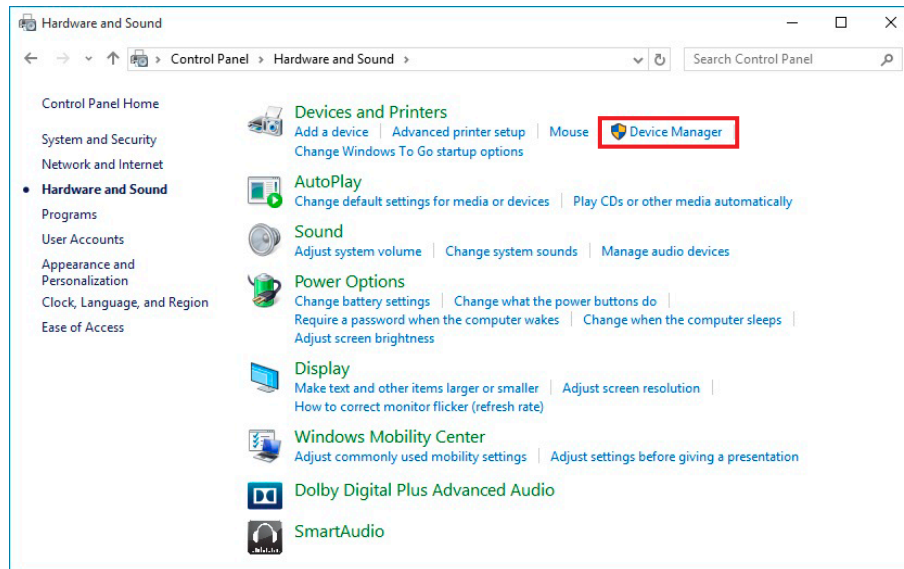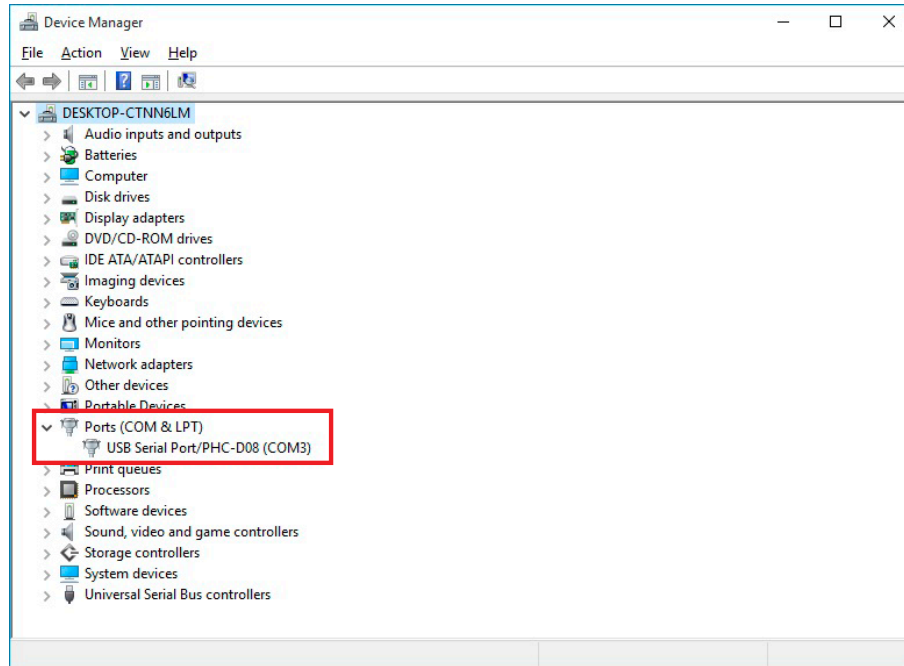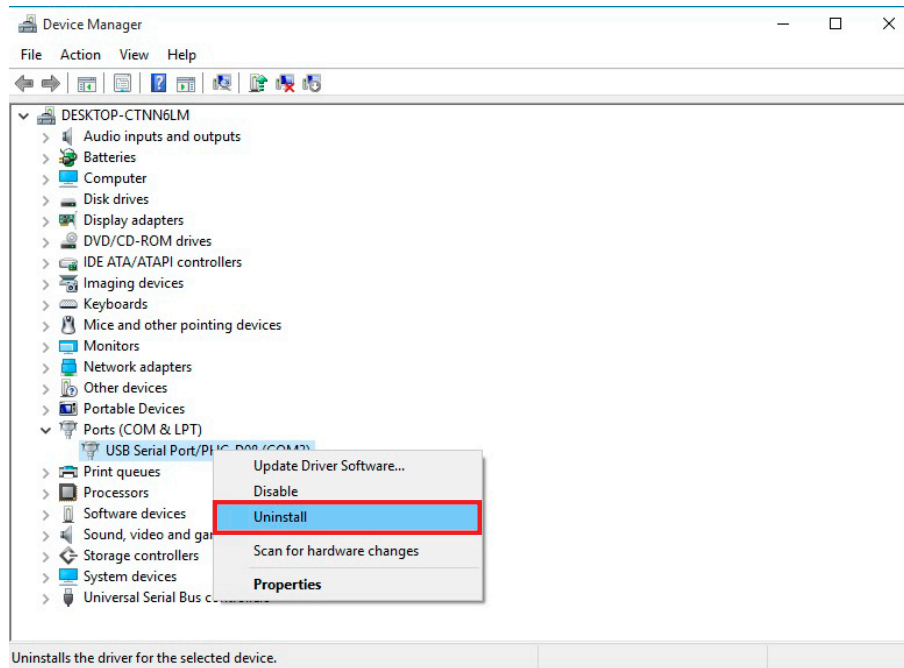2. Click the "Device Manager" under the "Devices and Printers" section.

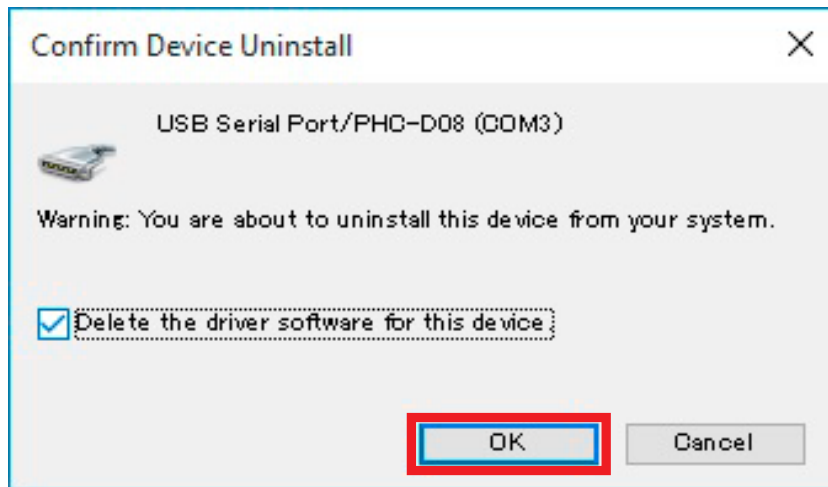3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

 * Make sure the connected product model is displayed after the "USB Serial Port/" prefix.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

4. Right-click on the "USB Serial Port/****" and click "Uninstall" to delete.

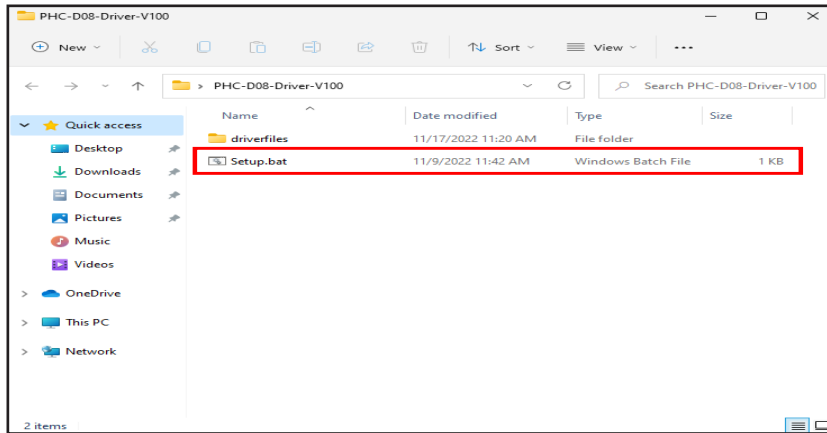5. Put a check in the box for "Delete the driver software for this device", then click "OK" to continue.
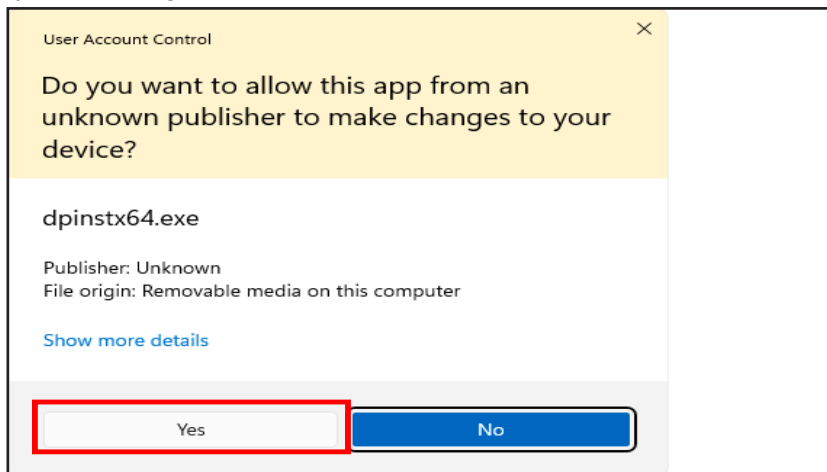

Driver Uninstallation is completed.
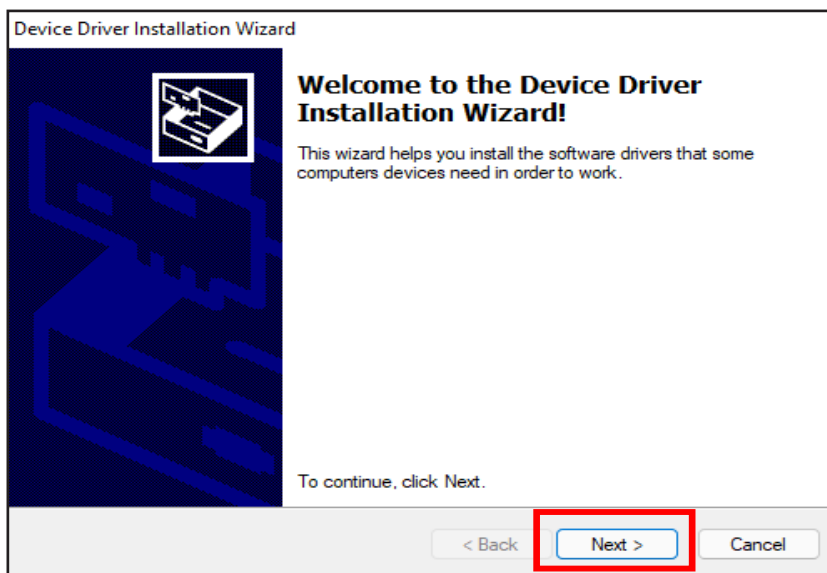
1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
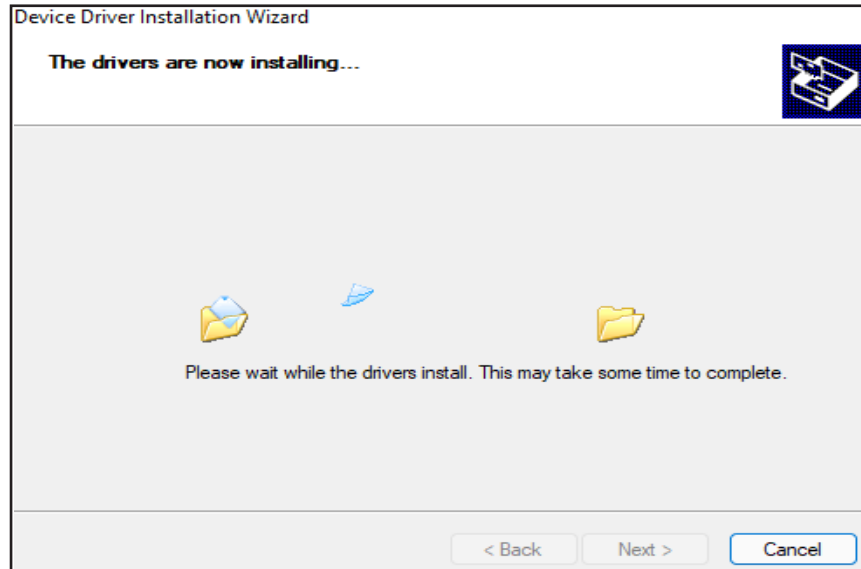

2. If a screen displays a message, "User Account Control", click "YES" to continue.

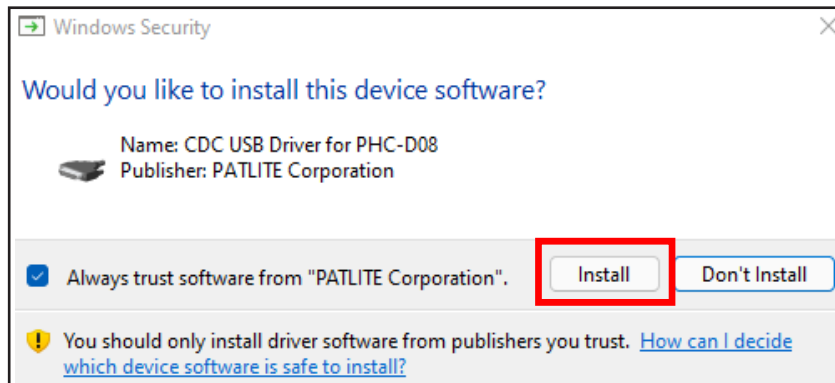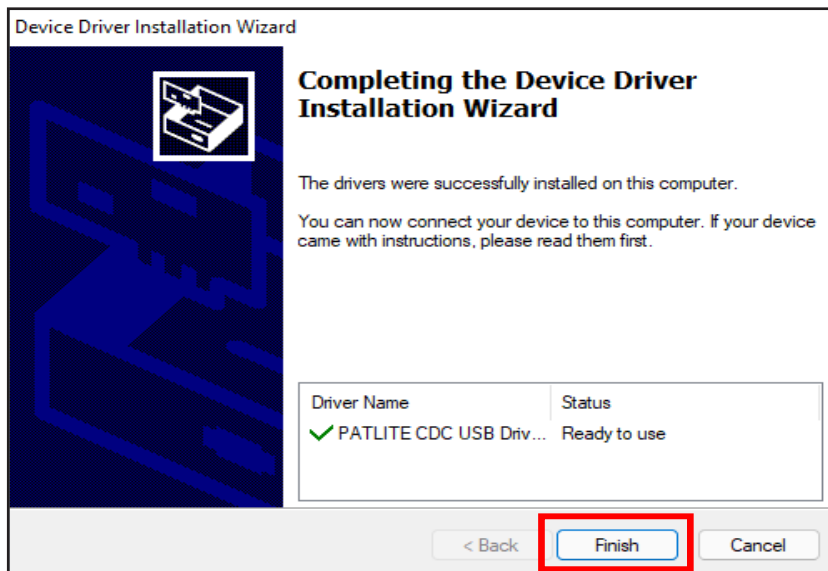3. Click "Next" to continue.

4. The driver installation is started with an Installation Wizard.

5. If a Windows Security window is prompted, click "Install" to continue.

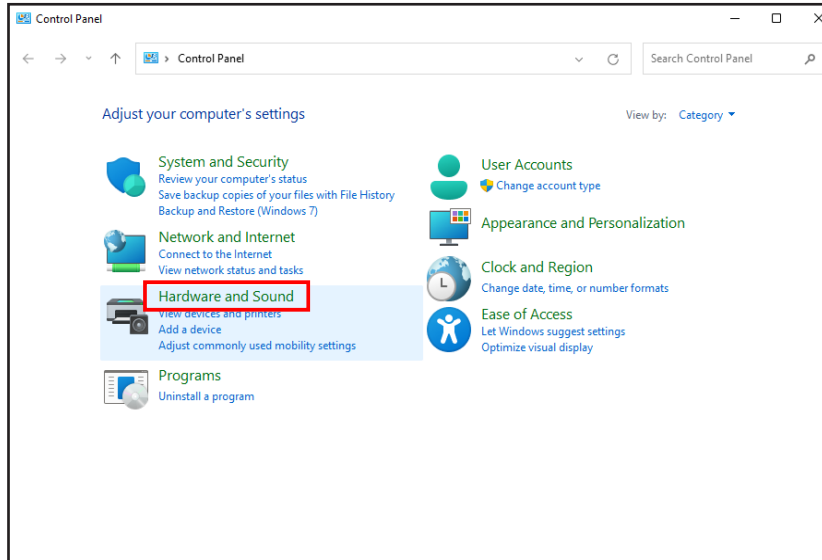6. Click "Finish" to complete the installation.

The driver installation is completed.

By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.
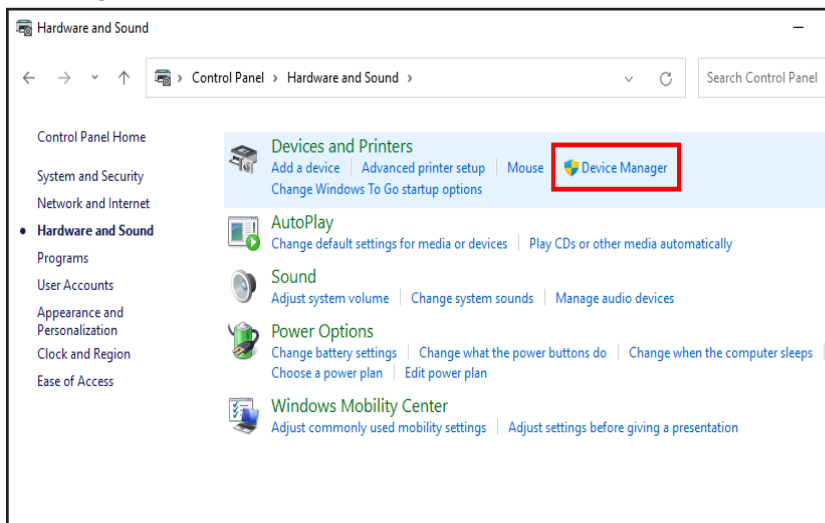
2. Connecting the Product

1. Connect a personal computer to this product with a USB cable.
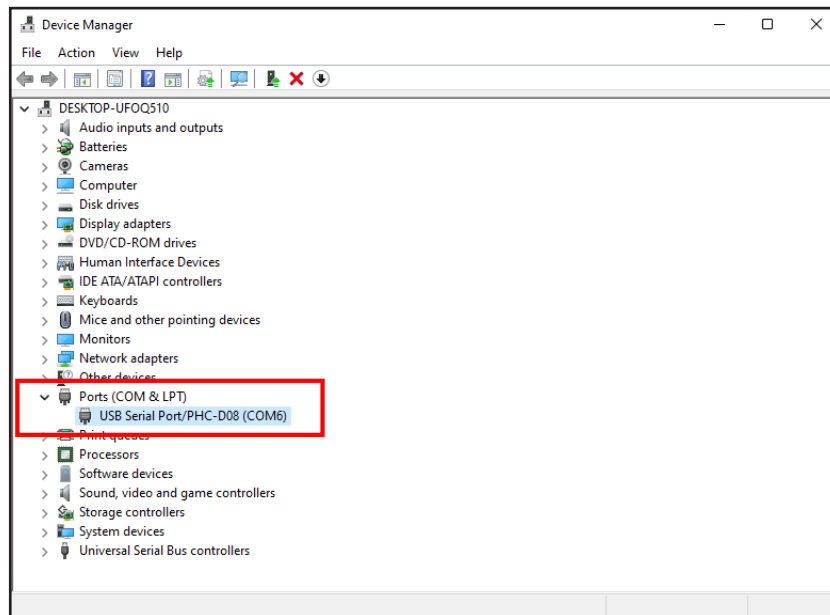   Connection to the device will be set up automatically.

2. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

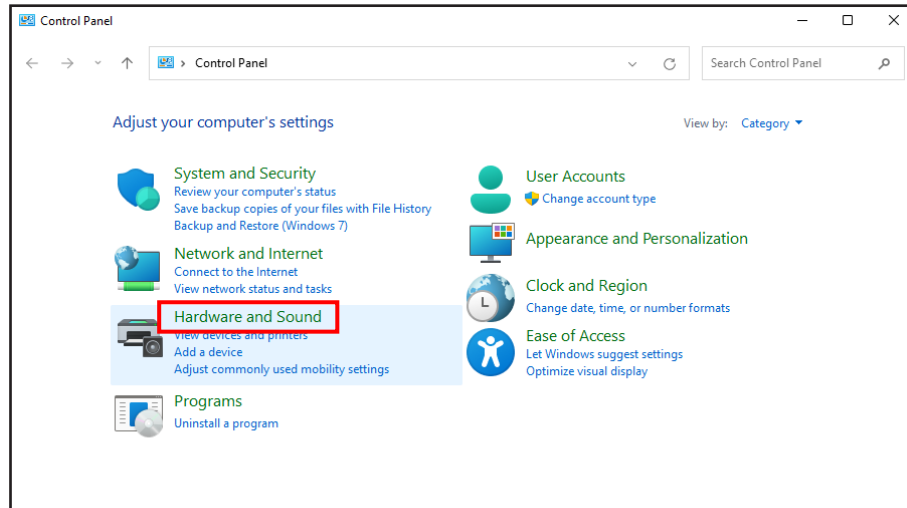3. Click the "Device Manager" under the "Devices and Printers" section.

4. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
    (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

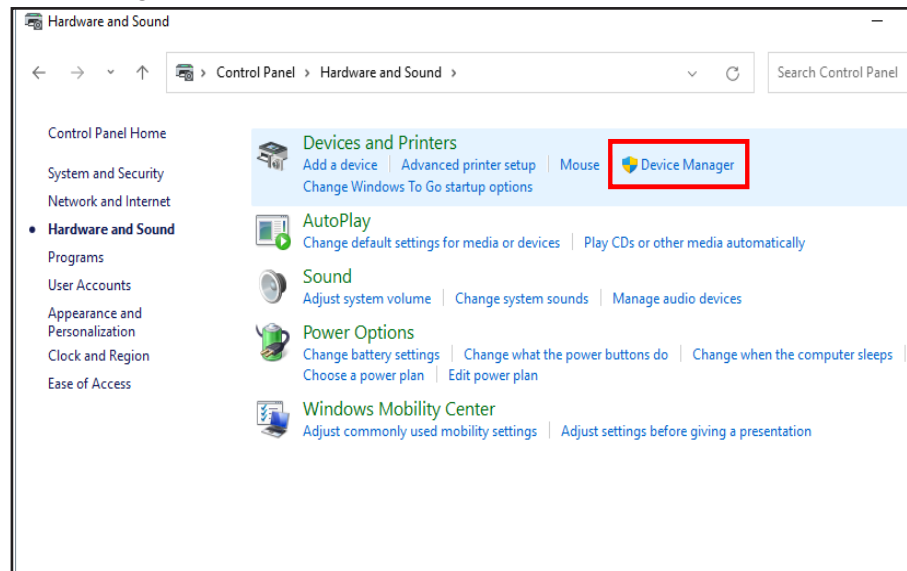* The "(COM*)" is the number to use at the end of the command to control the equipment.

```
Device Manager                                          —   □   ×
File   Action   View   Help
← ⇒ | 🔄 | 📄 | ❓ 📄 | 🔄 | 💻 | ⚡ ✖ ⊕
∨ 🖥 DESKTOP-UFOQ510
    > 🔊 Audio inputs and outputs
    > 🔋 Batteries
    > 📷 Cameras
    > 💻 Computer
    > 💾 Disk drives
    > 🖥 Display adapters
    > 💿 DVD/CD-ROM drives
    > 🎮 Human Interface Devices
    > 📟 IDE ATA/ATAPI controllers
    > ⌨ Keyboards
    > 🖱 Mice and other pointing devices
    > 🖥 Monitors
    > 🖧 Network adapters
    > 🔌 Other devices
    ∨ 🖶 Ports (COM & LPT)
        🖶 USB Serial Port/PHC-D08 (COM6)
    > 🖨 Print queues
    > 🖥 Processors
    > 🖥 Software devices
    > 🔊 Sound, video and game controllers
    > 🗄 Storage controllers
    > 🖥 System devices
    > 📱 Universal Serial Bus controllers
```

Connection of the product is complete.
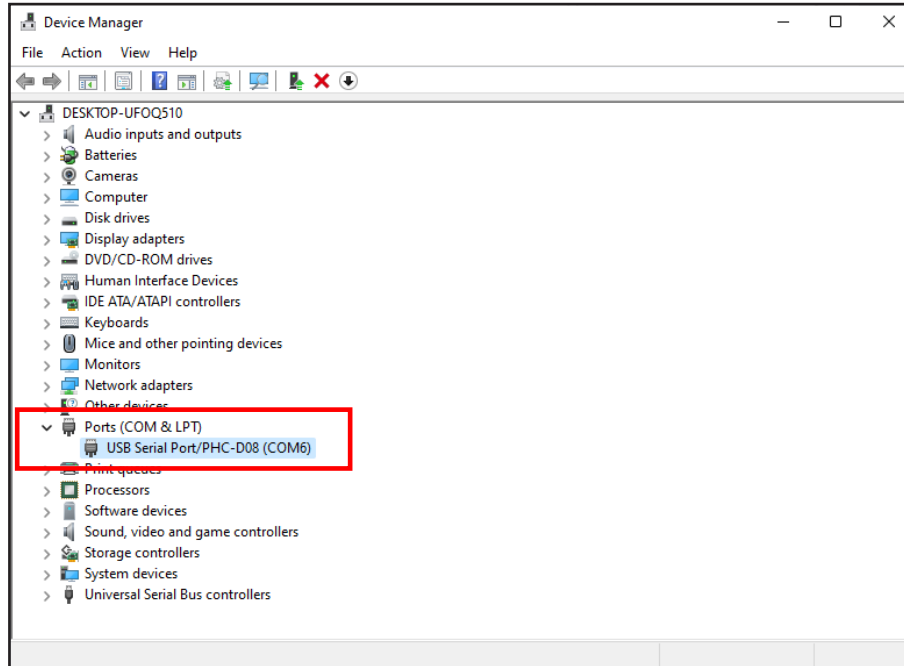
3. Driver Uninstallation

1. Click "Hardware and Sound" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

2. Click the "Device Manager" under the "Devices and Printers" section.
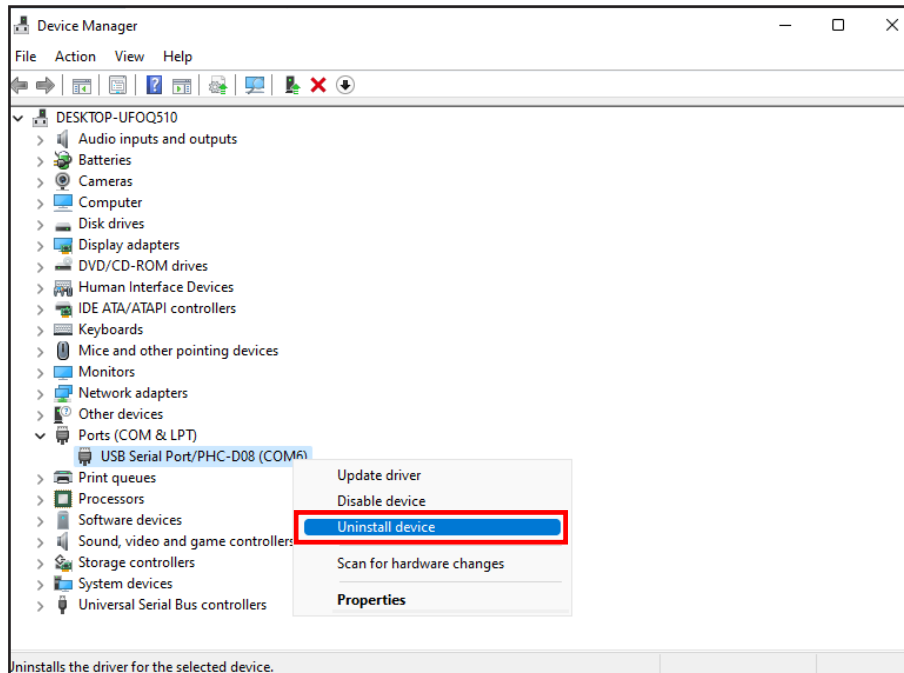
3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

  * Make sure the connected product model is displayed after the "USB Serial Port/" prefix.
 (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

4. Right-click on the "USB Serial Port/****" and click "Uninstall device" to delete.

5. Put a check in the box for "Attempt to remove the driver for this device.", then click "Uninstall" to continue.
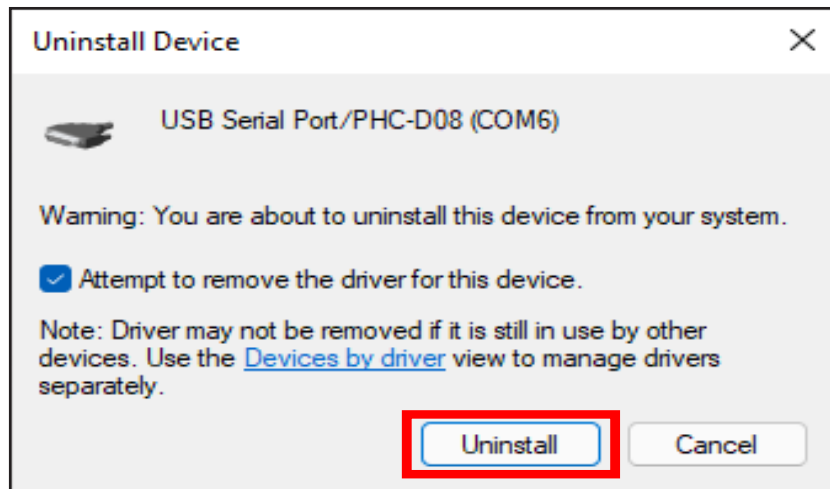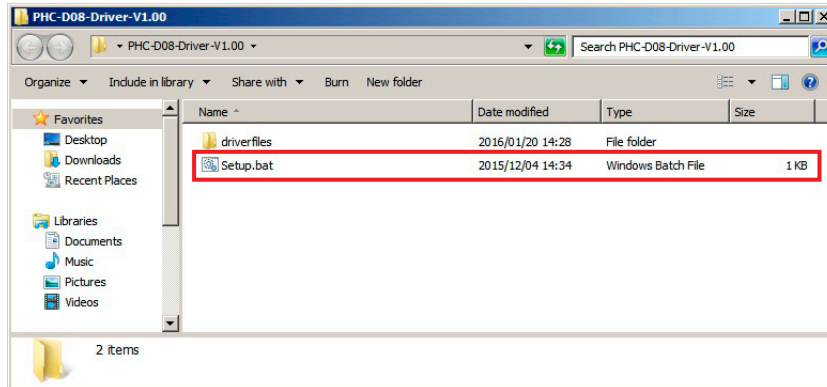

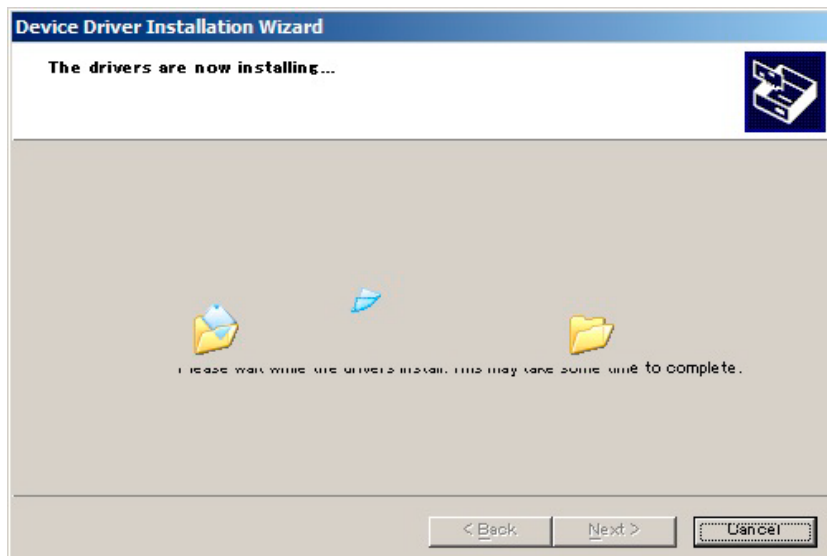**Driver Uninstallation is completed.**

1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
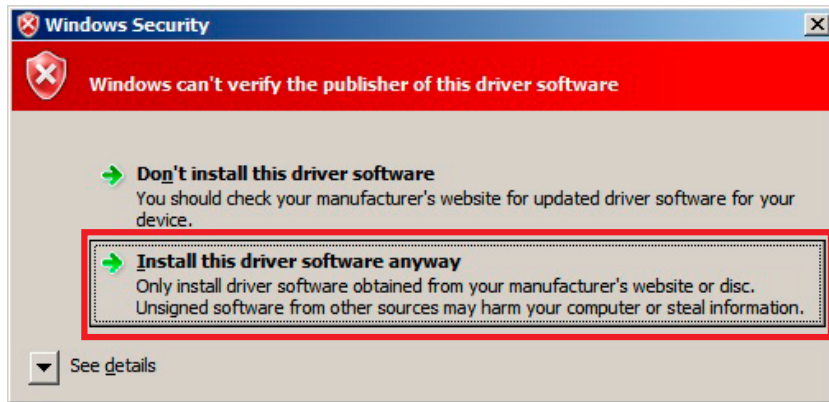
2. Click "Next" to continue.

3. The driver installation is started with an Installation Wizard.

4. When the "Windows Security" is displayed, click "Install this driver software anyway" to continue.

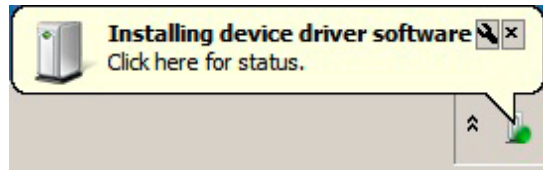5. Click "Finish" to complete the installation.
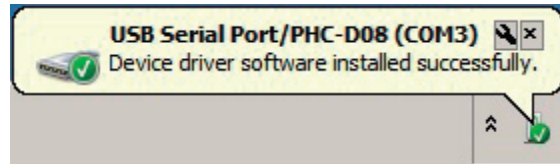

The driver installation is completed.

By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.
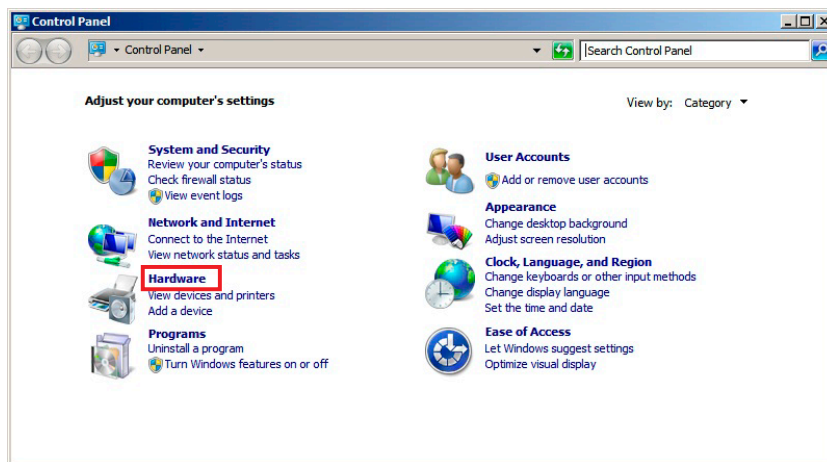
1. Connect a personal computer to this product with a USB cable.
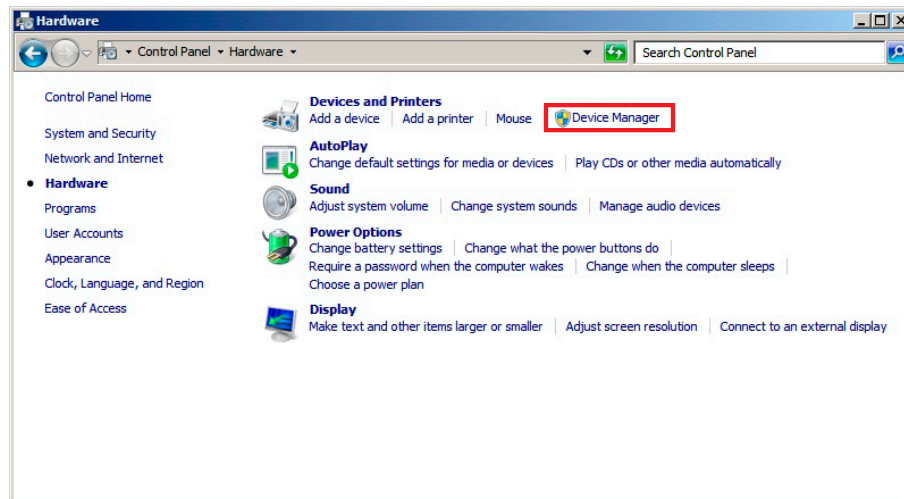   A dialog window will pop-up after connection.

   Installing device driver software
   Click here for status.

2. After awhile, "Device driver software installed successfully." will be displayed.

   USB Serial Port/PHC-D08 (COM3)
   Device driver software installed successfully.

3. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")
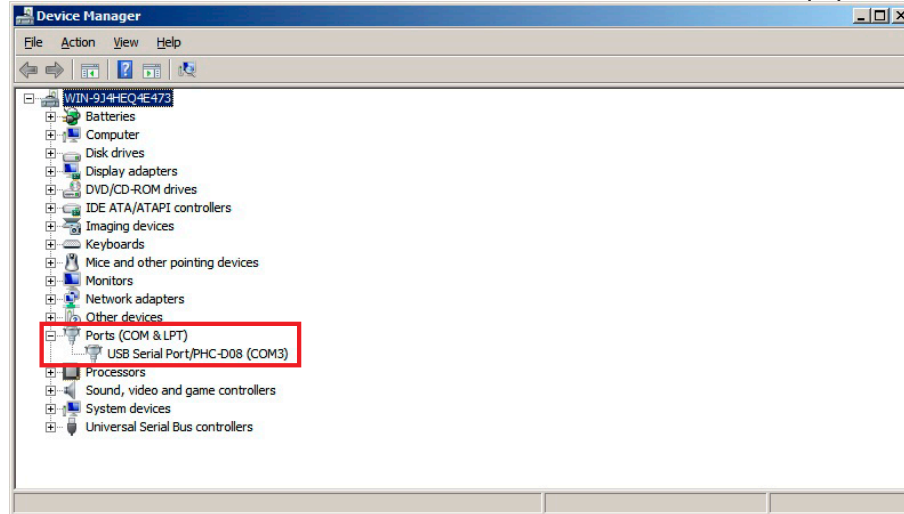
4. Click the "Device Manager" under the "Devices and Printers" section.

5. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
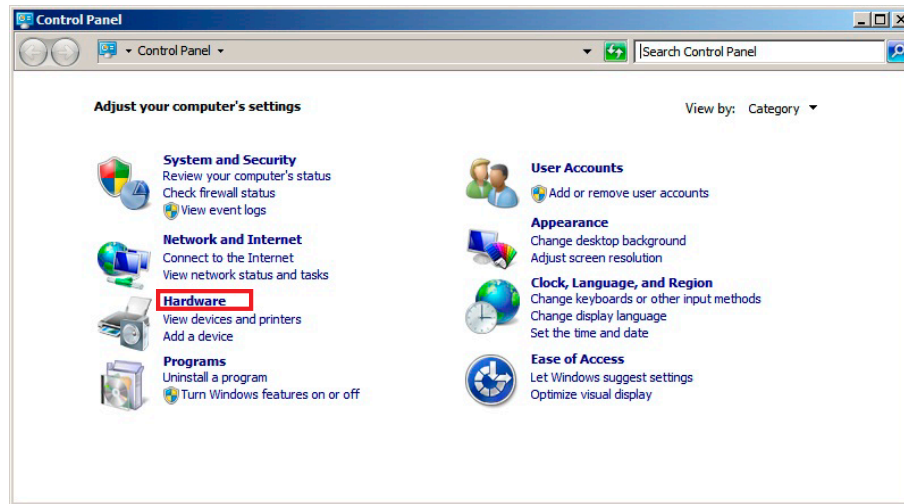   (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
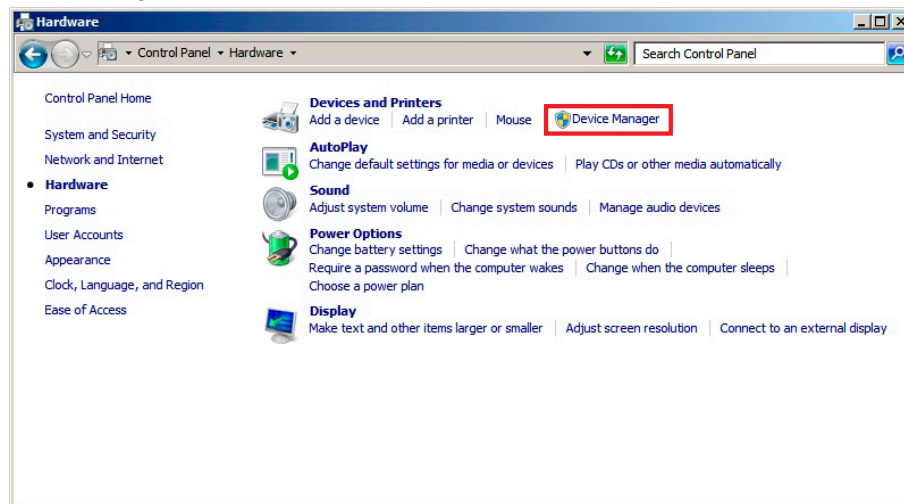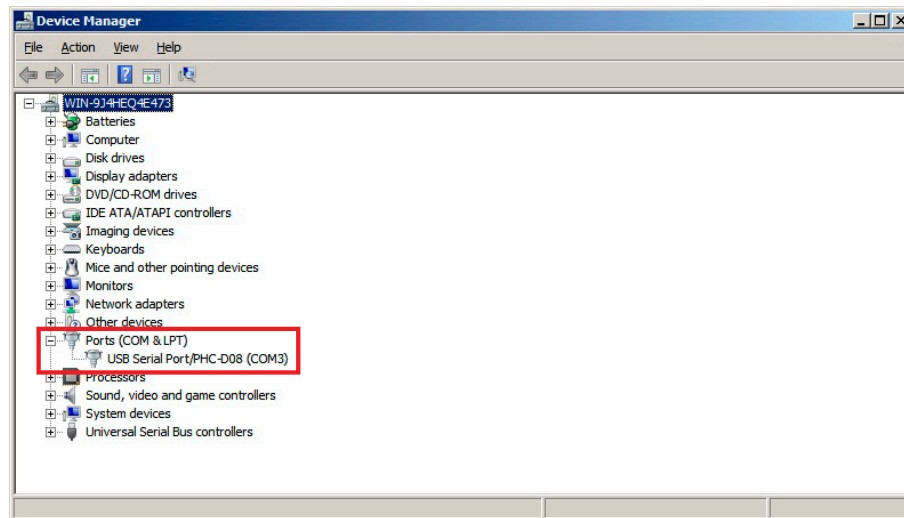* The "(COM*)" is the number to use at the end of the command to control the equipment.

Connection of the product is complete.

1. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

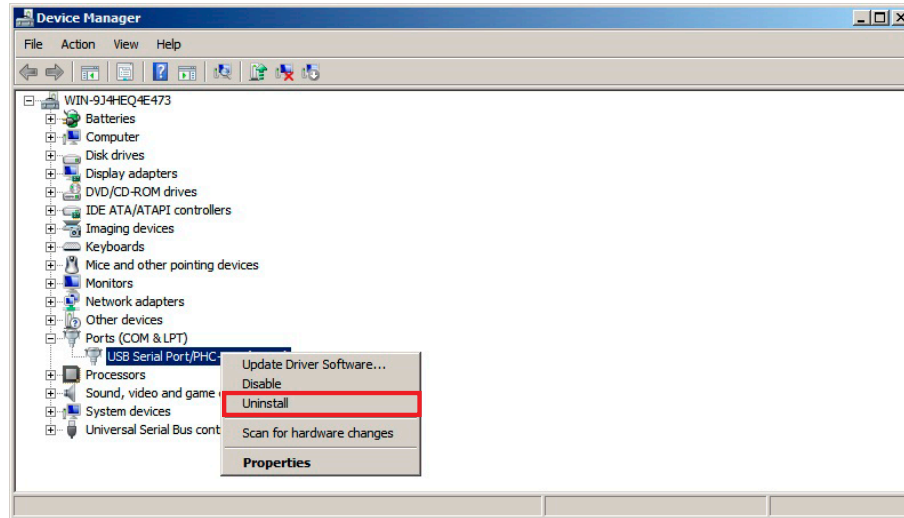2. Click the "Device Manager" under the "Devices and Printers" section.

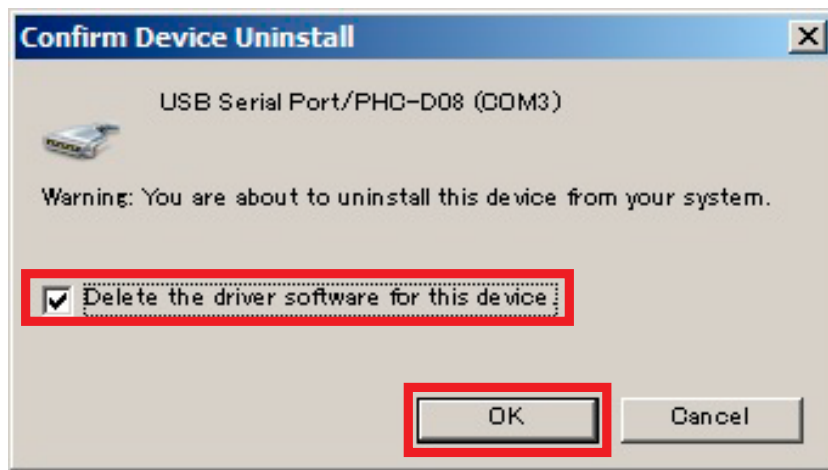3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

* Make sure the connected product model is displayed after the "USB Serial Port/" prefix.

4. Right-click on the "USB Serial Port/****" and click "Uninstall" to delete.

5. Put a check in the box for "Delete the driver software for this device", then click "OK" to continue.
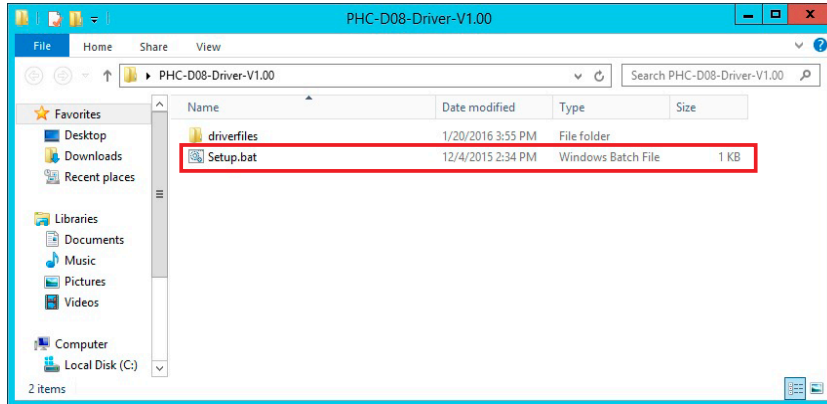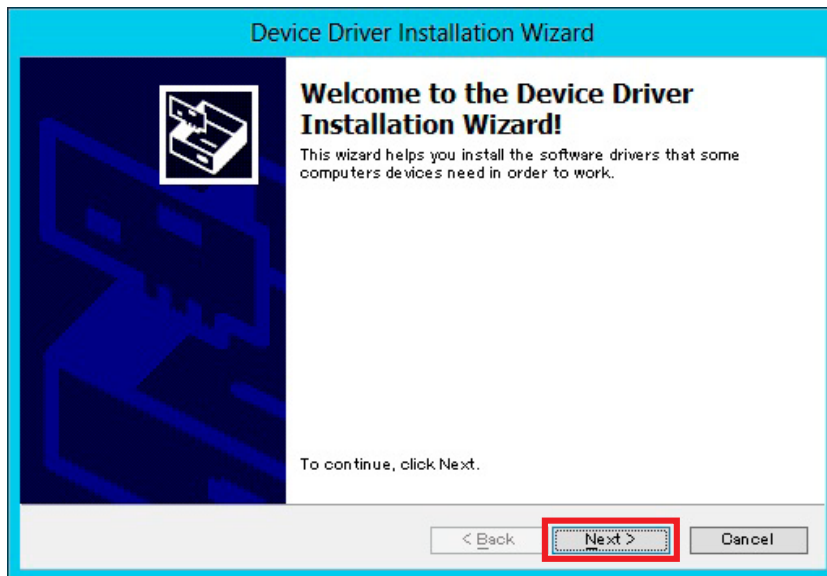

Driver Uninstallation is completed.

6. Windows Server 2012, Windows Server 2012 R2
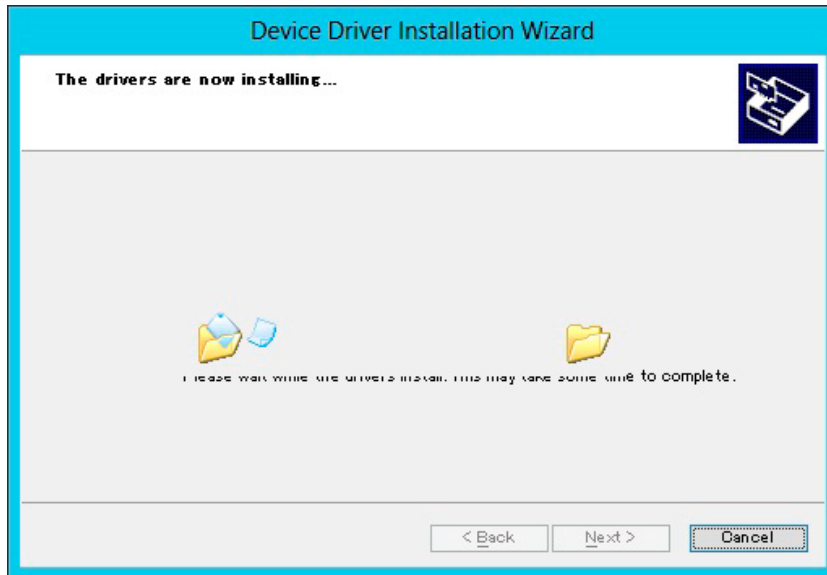
1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
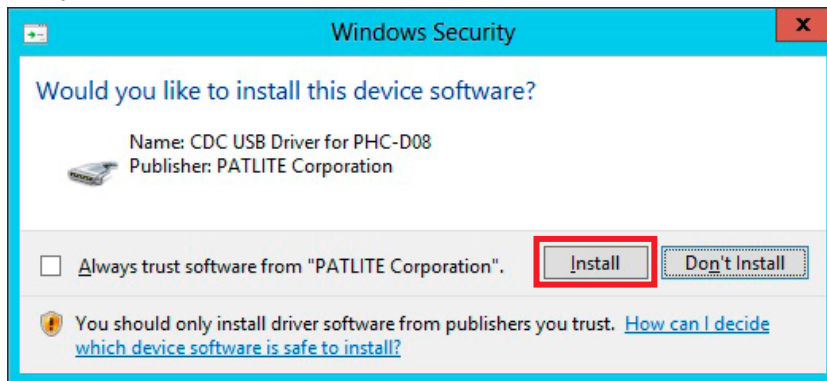

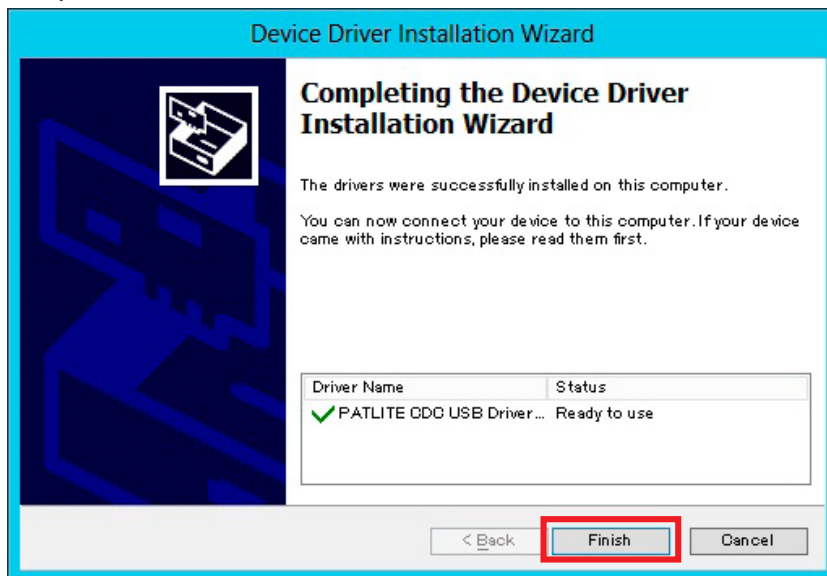2. Click "Next" to continue.

3. The driver installation is started with an Installation Wizard.

4. If a Windows Security window is prompted, click "Install" to continue.
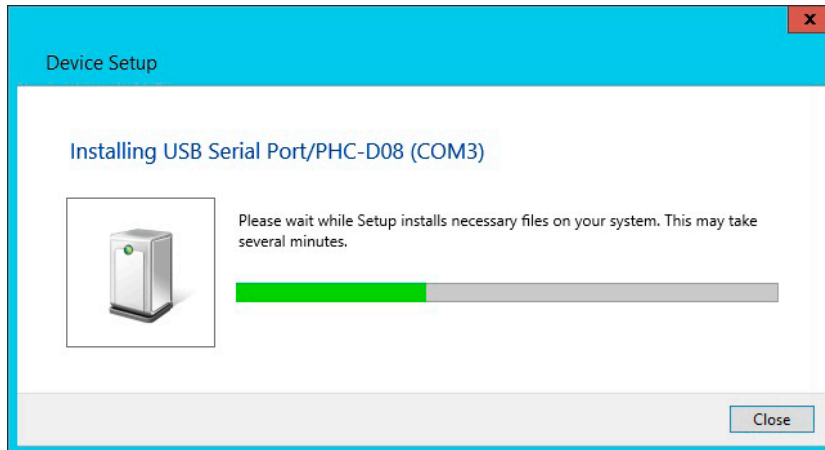

5. Click "Finish" to complete the installation.

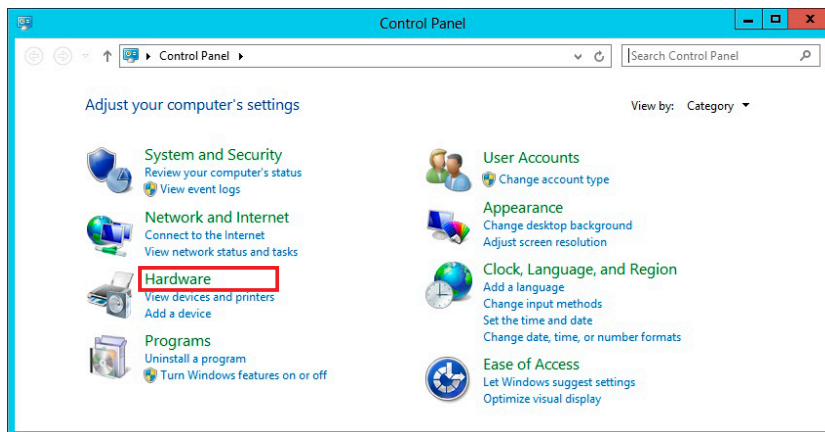**The driver installation is completed.**

By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.
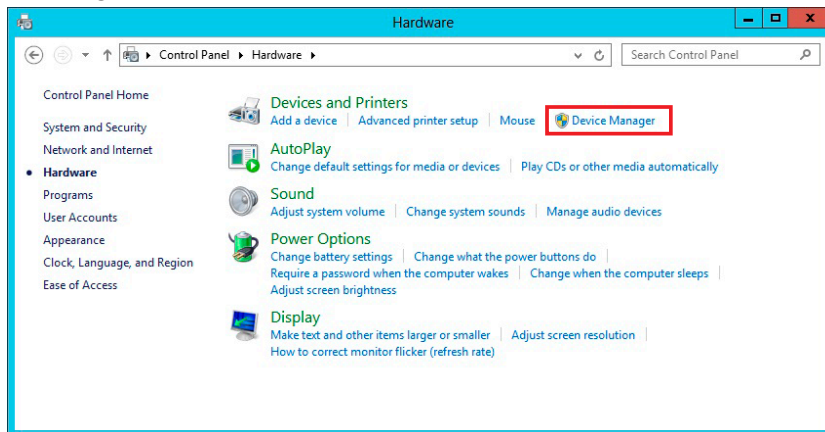
1. Connect a personal computer to this product with a USB cable.
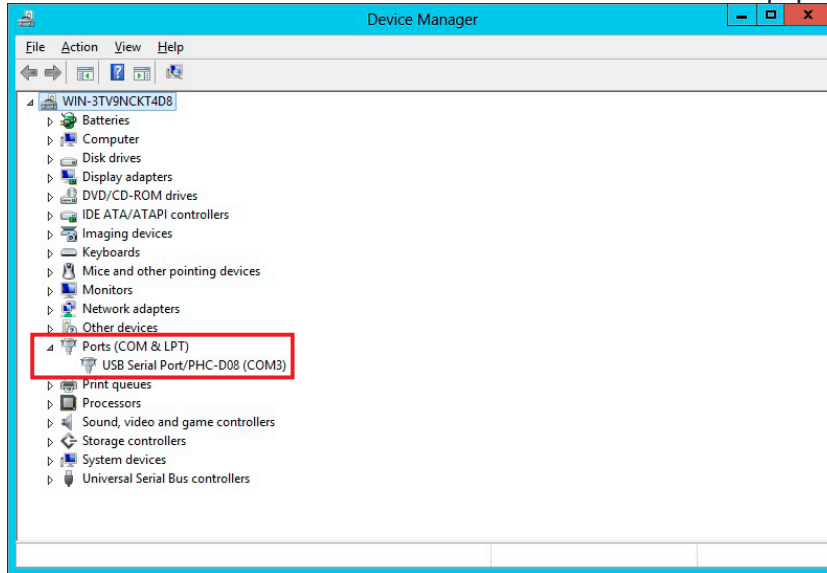   Connection to the device will be set up automatically.

2. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

3. Click the "Device Manager" under the "Devices and Printers" section.
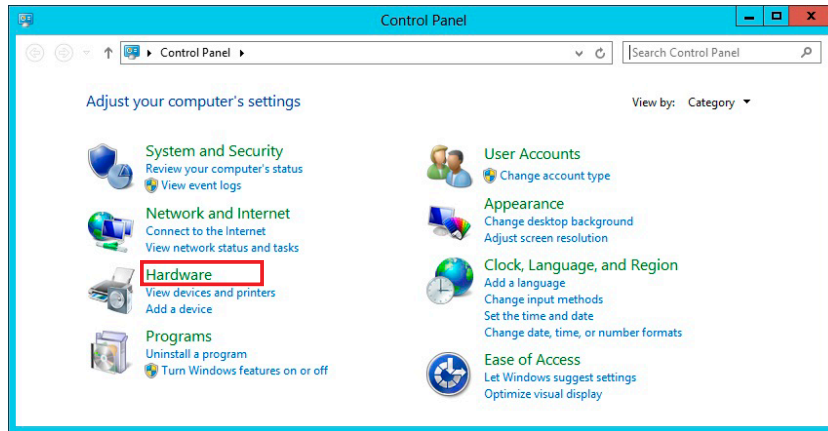
4. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
    (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
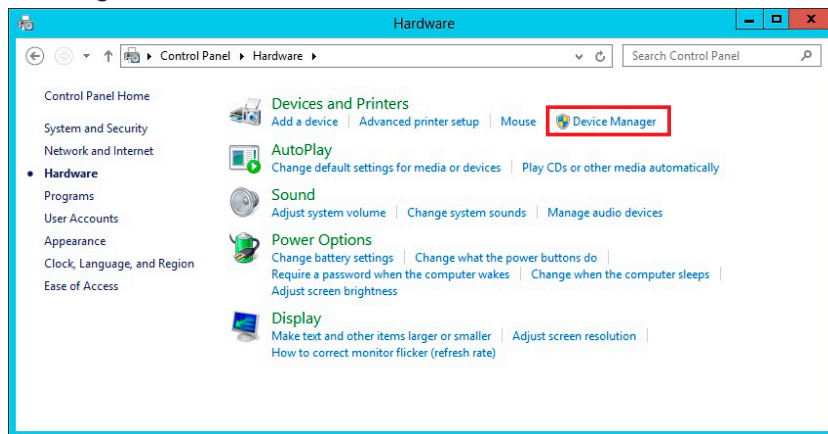* The "(COM*)" is the number to use at the end of the command to control the equipment.
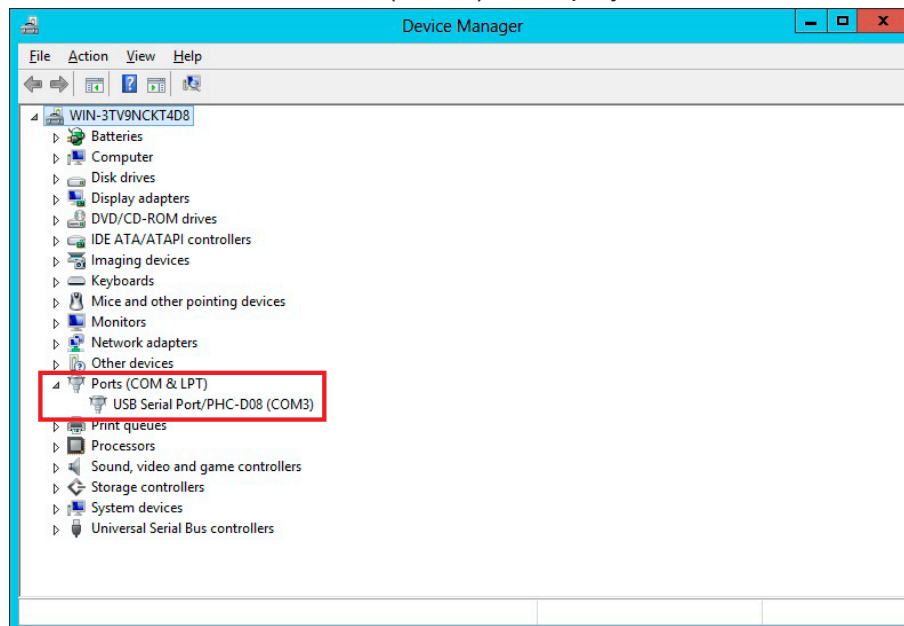

Connection of the product is complete.

1. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

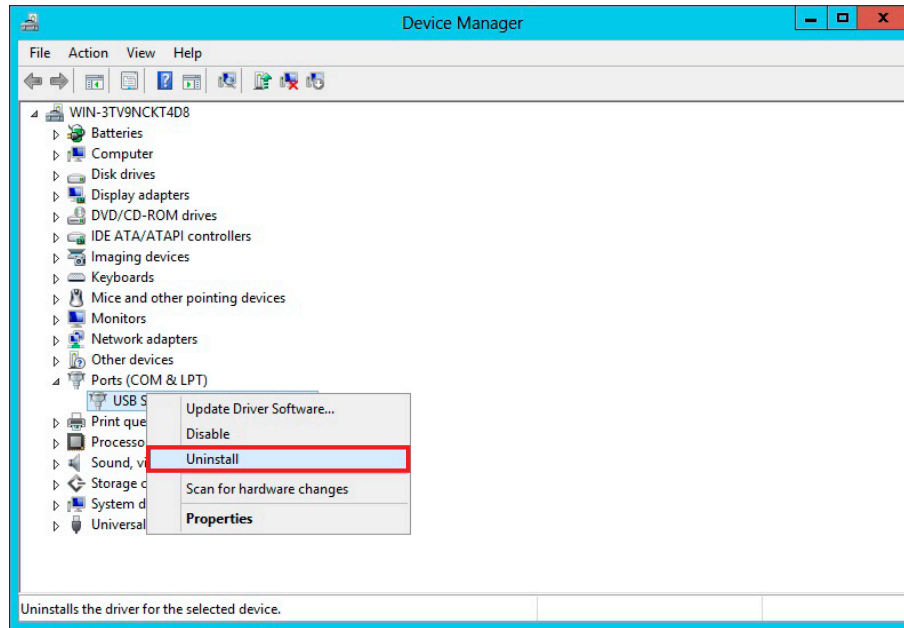2. Click the "Device Manager" under the "Devices and Printers" section.

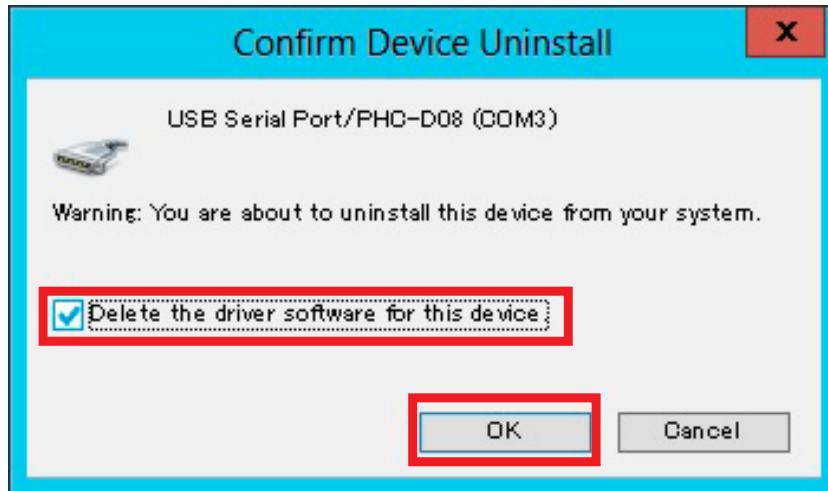3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

* Make sure the connected product model is displayed after the "USB Serial Port/" prefix.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

4. Right-click on the "USB Serial Port/****" and click "Uninstall" to delete.

5. Put a check in the box for "Delete the driver software for this device", then click "OK" to continue.
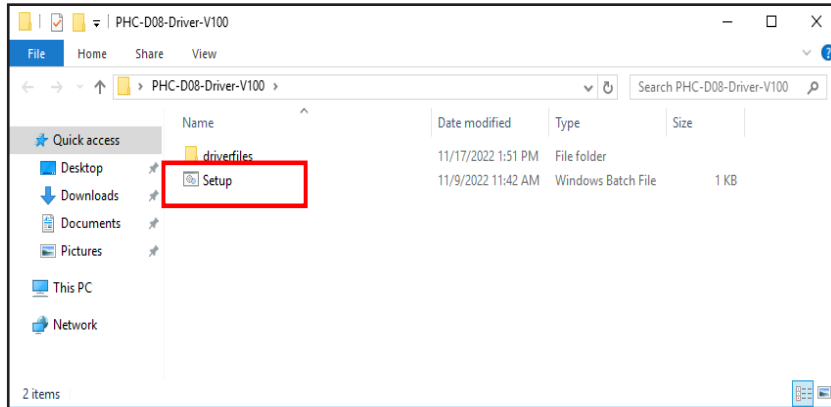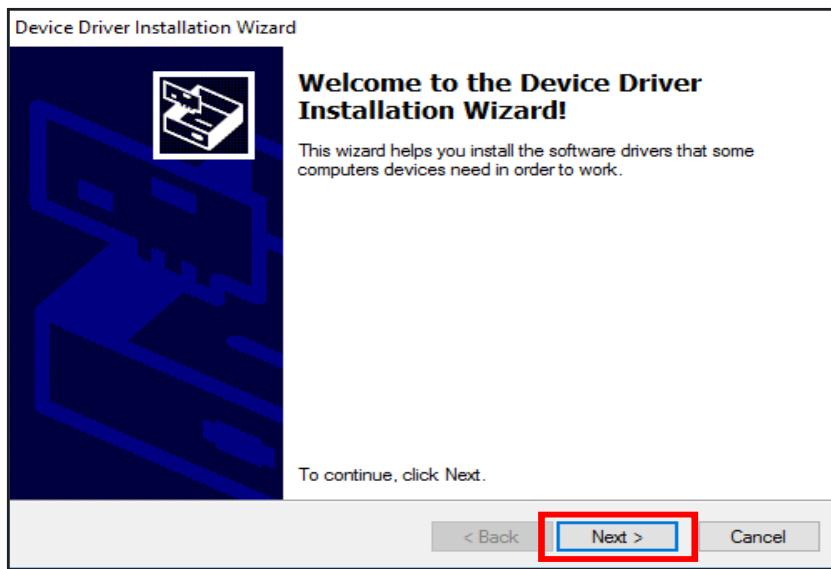

Driver Uninstallation is completed.

7. Windows Server 2016
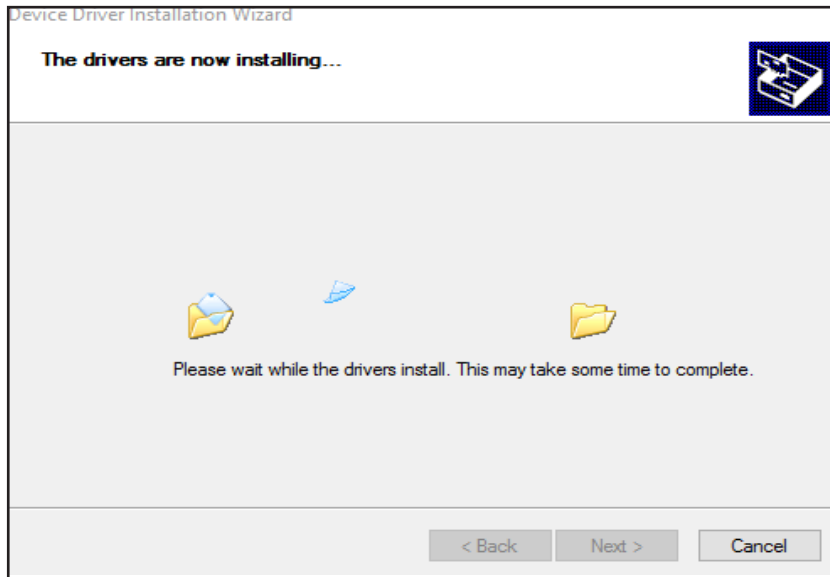
1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
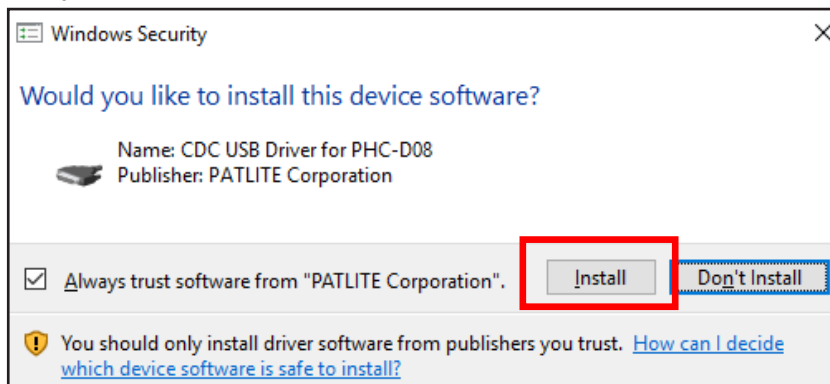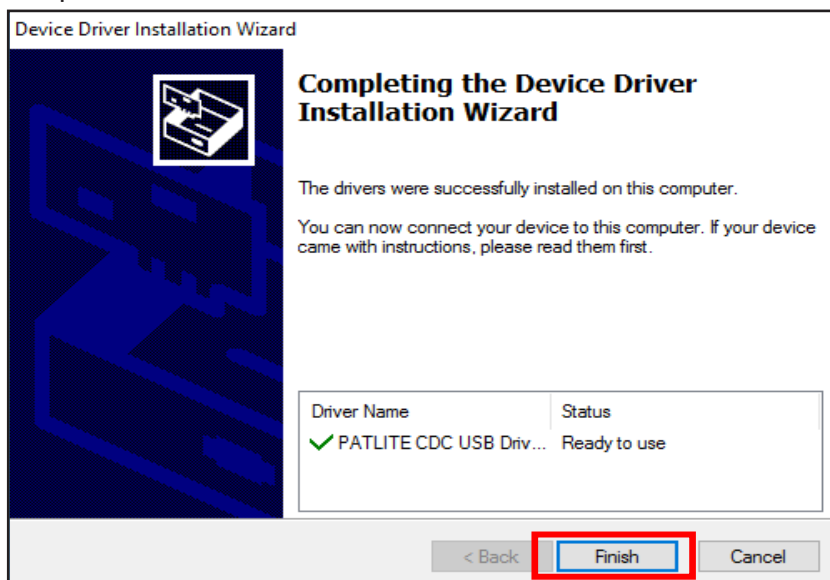

2. Click "Next" to continue.

3. The driver installation is started with an Installation Wizard.

4. If a Windows Security window is prompted, click "Install" to continue.
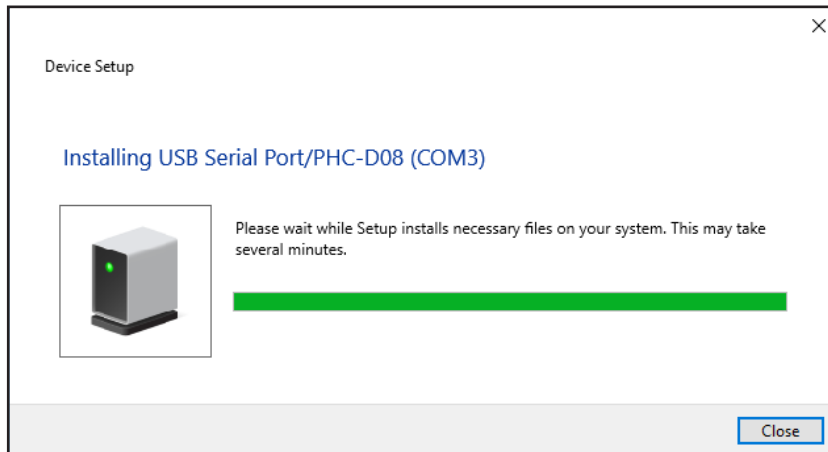

5. Click "Finish" to complete the installation.
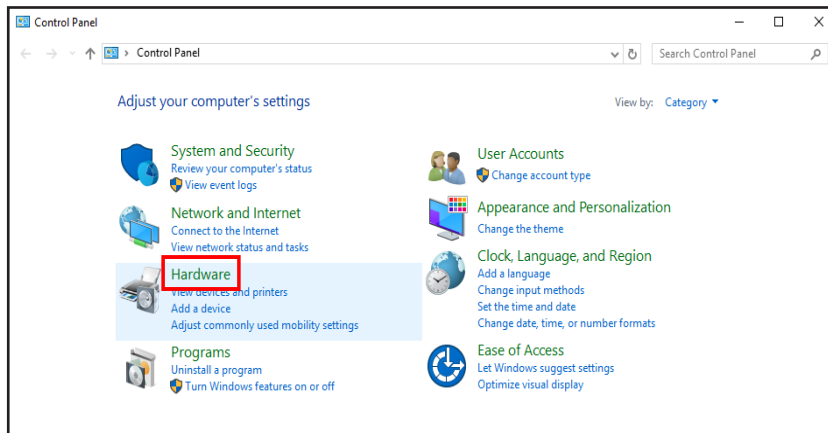

The driver installation is completed.

By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.
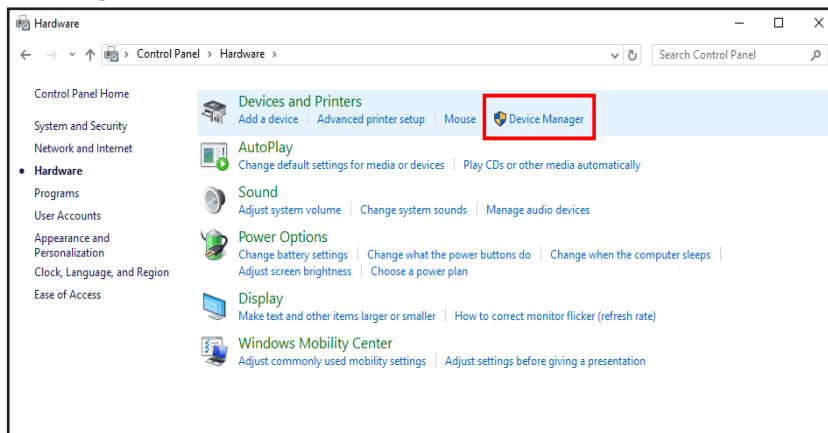
1. Connect a personal computer to this product with a USB cable.
   Connection to the device will be set up automatically.

2. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")
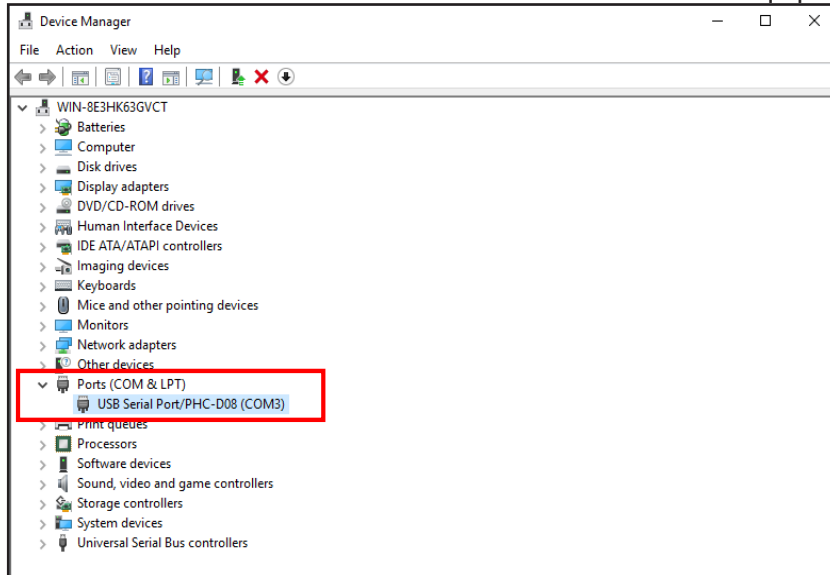

3. Click the "Device Manager" under the "Devices and Printers" section.

4. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
   (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
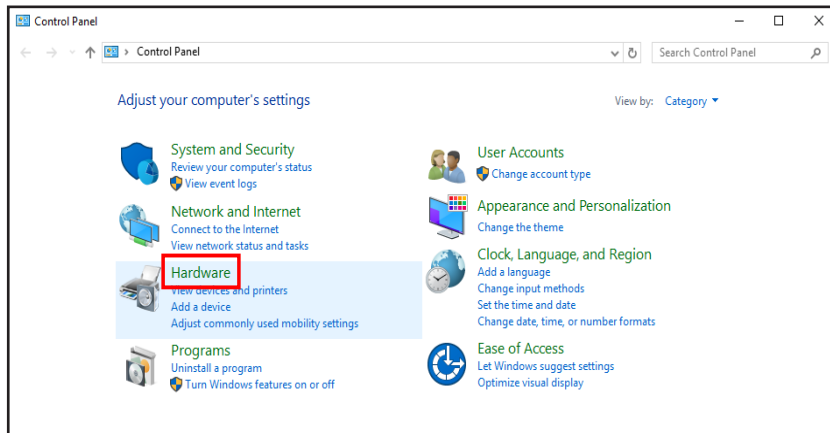
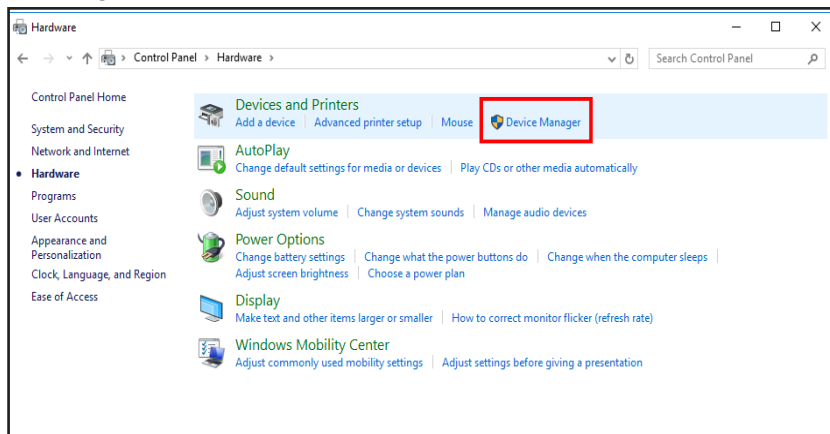* The "(COM*)" is the number to use at the end of the command to control the equipment.

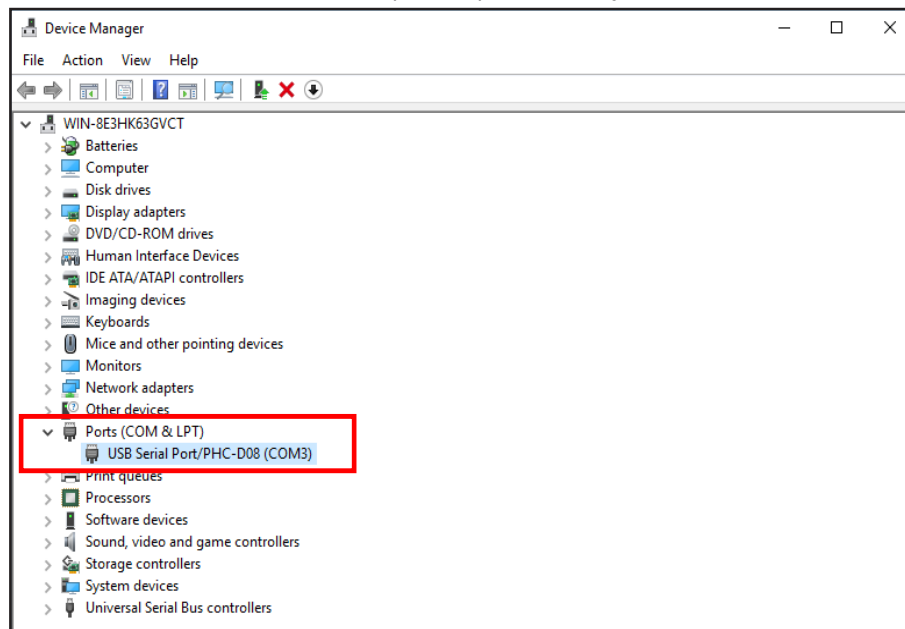**Connection of the product is complete.**

1. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

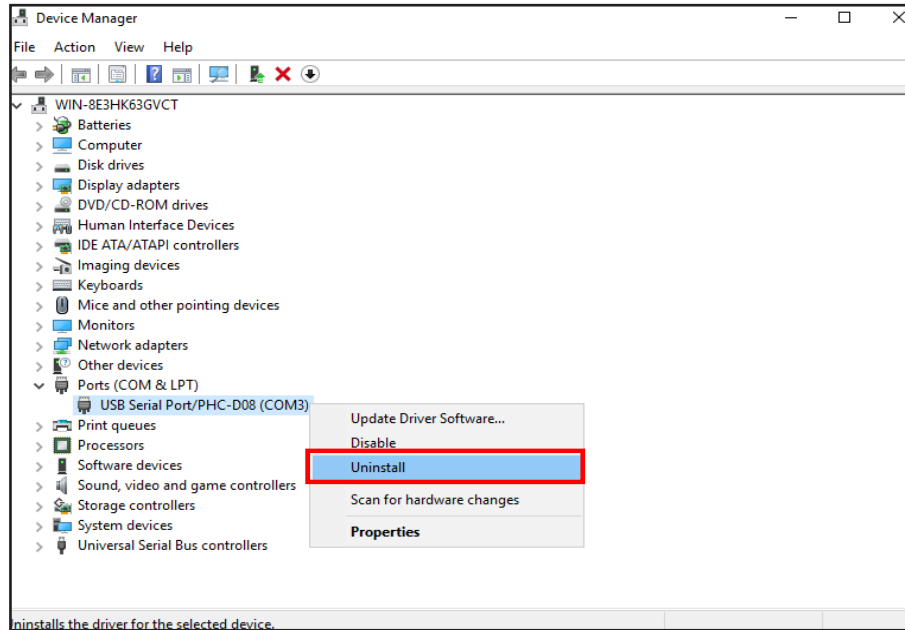2. Click the "Device Manager" under the "Devices and Printers" section.

3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

* Make sure the connected product model is displayed after the "USB Serial Port/" prefix.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

4. Right-click on the "USB Serial Port/****" and click "Uninstall" to delete.

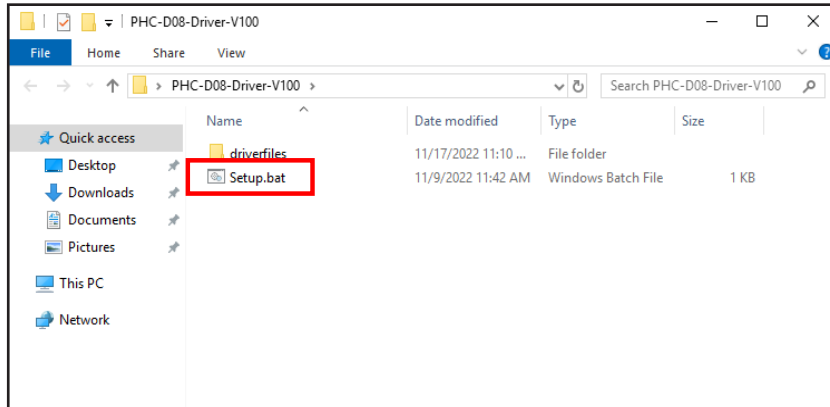5. Put a check in the box for "Delete the driver software for this device", then click "OK" to continue.

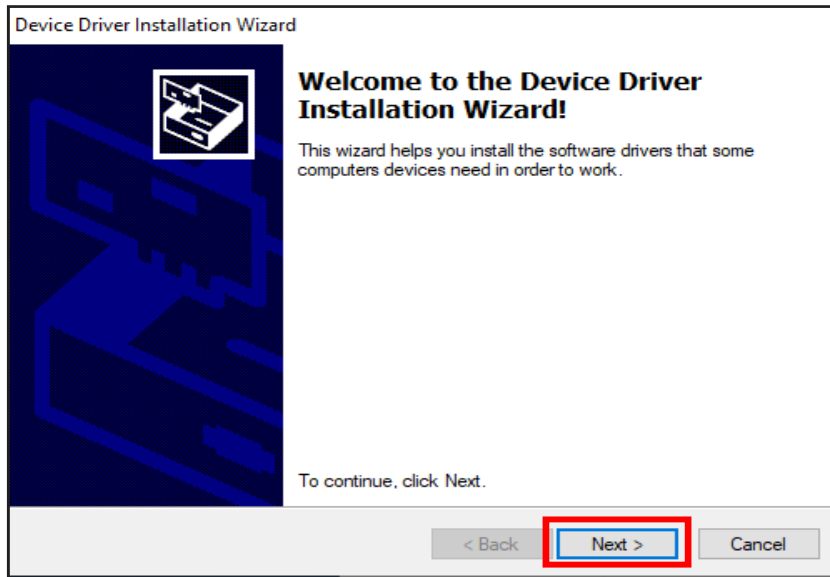**Driver Uninstallation is completed.**

8. Windows Server 2019
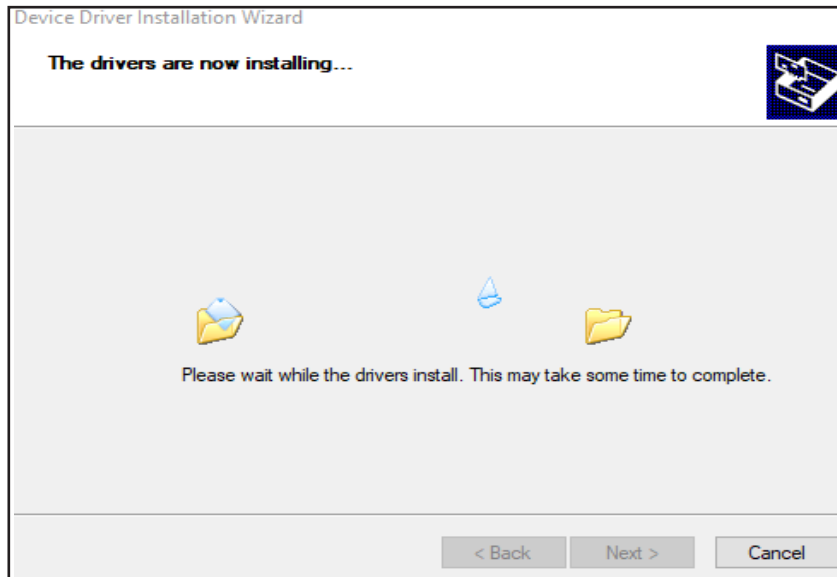
1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
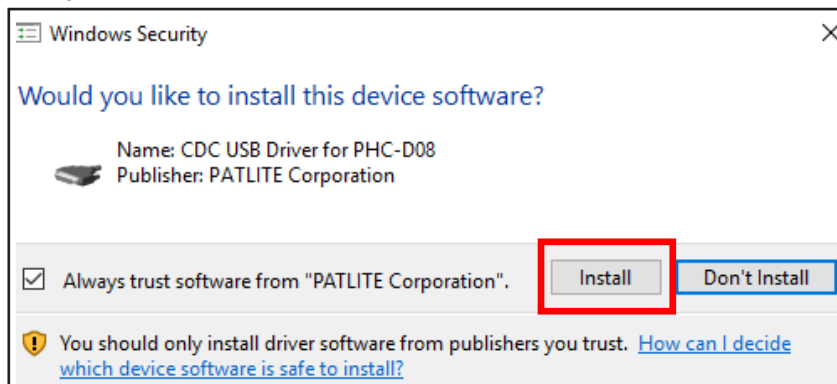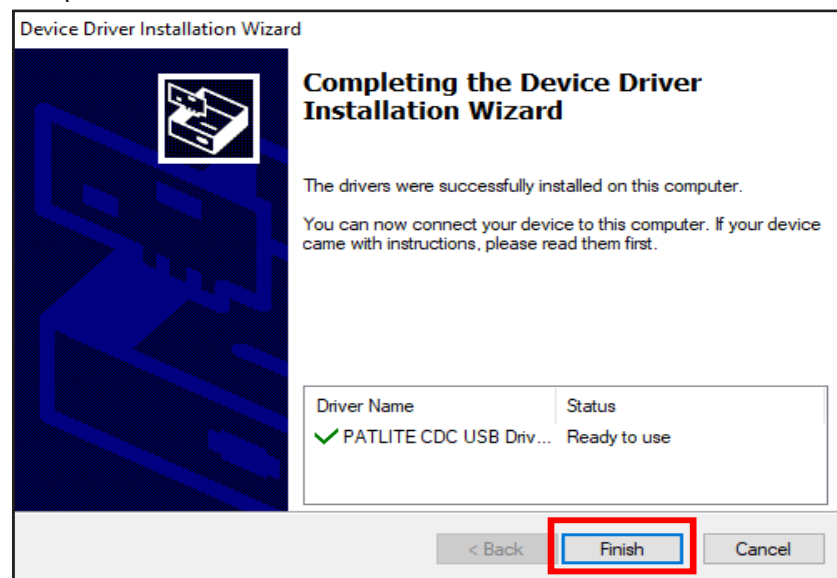

2. Click "Next" to continue.

3. The driver installation is started with an Installation Wizard.

4. If a Windows Security window is prompted, click "Install" to continue.

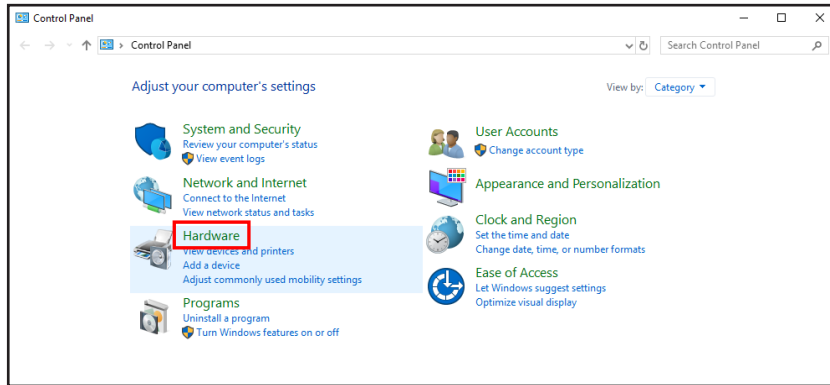5. Click "Finish" to complete the installation.

The driver installation is completed.
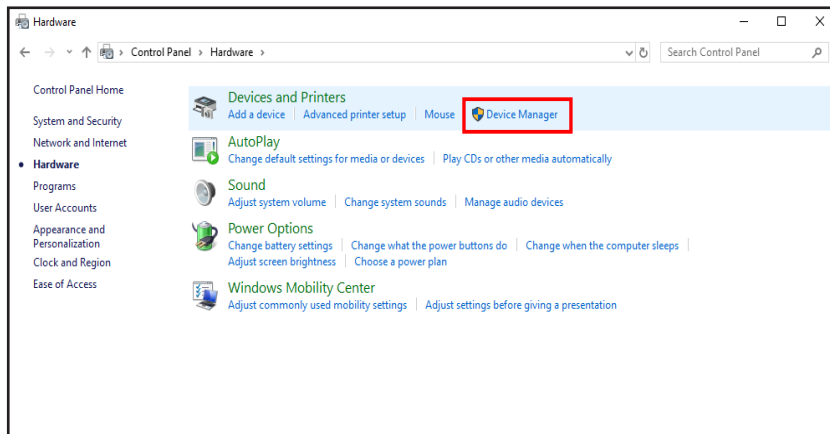
By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.

1. Connect a personal computer to this product with a USB cable.
   Connection to the device will be set up automatically.

2. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")
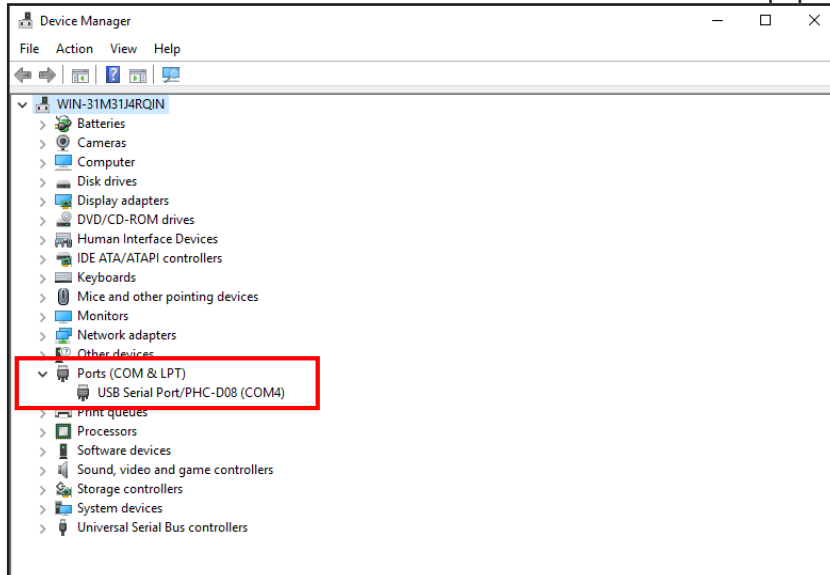

3. Click the "Device Manager" under the "Devices and Printers" section.

4. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
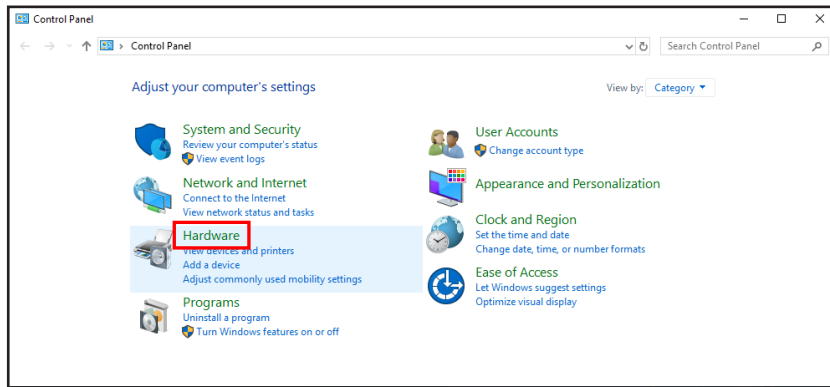   (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
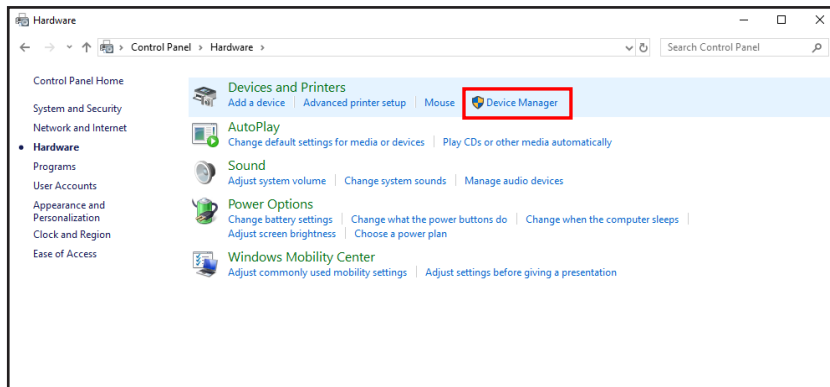* The "(COM*)" is the number to use at the end of the command to control the equipment.

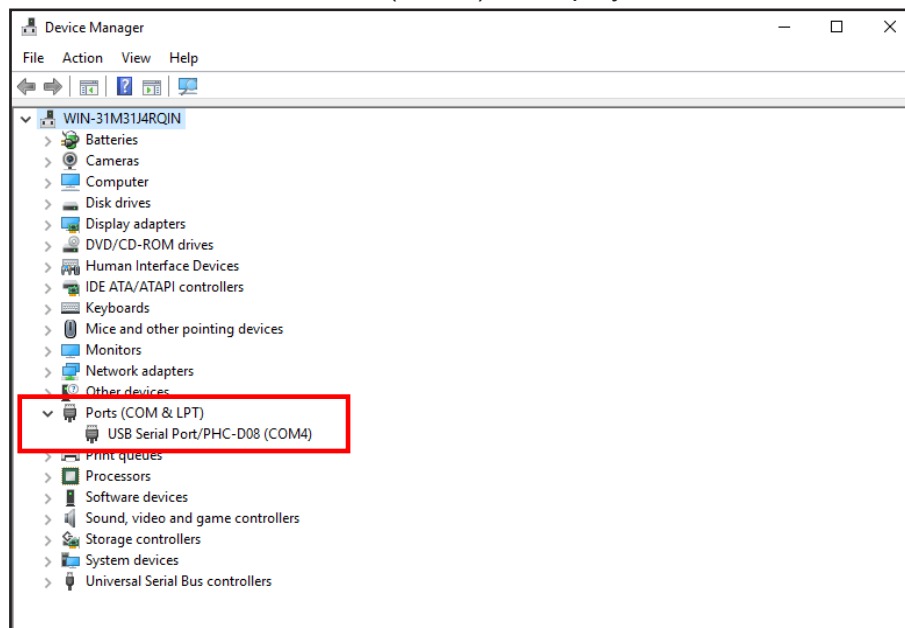**Connection of the product is complete.**

1. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

2. Click the "Device Manager" under the "Devices and Printers" section.
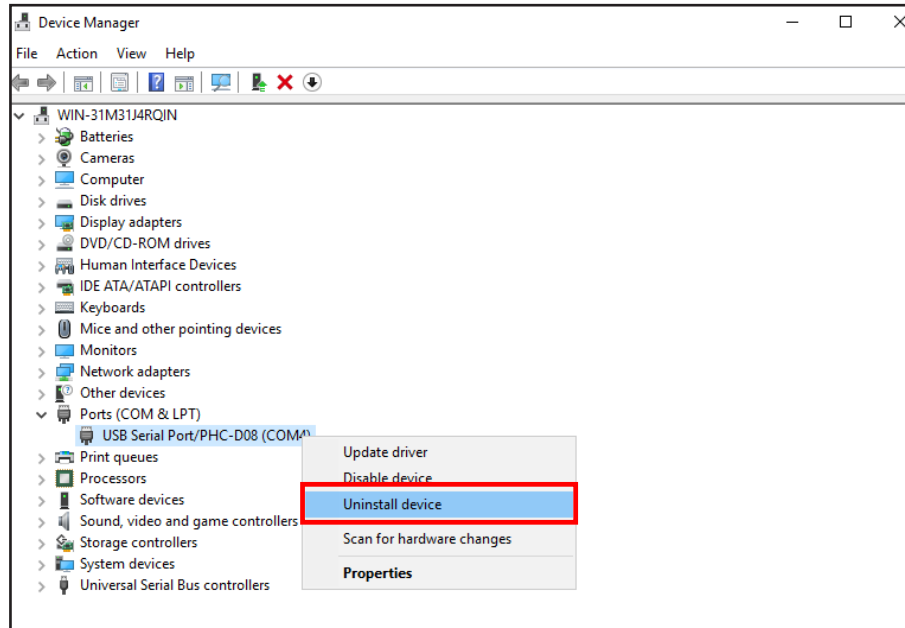

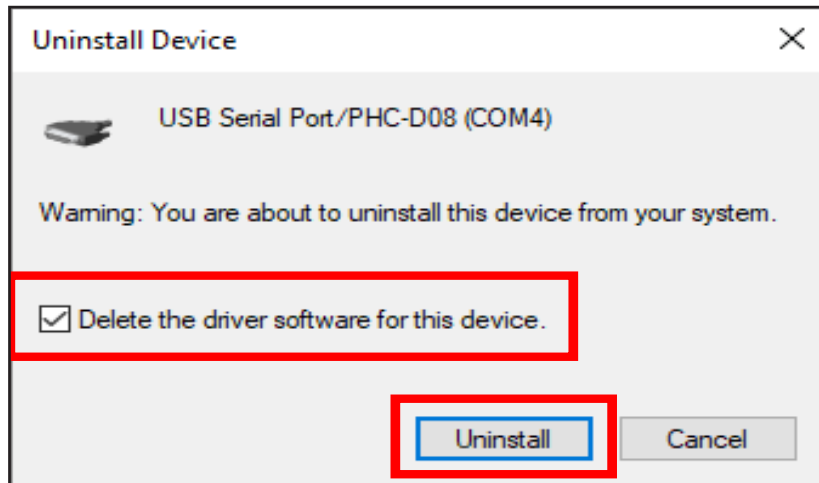3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

* Make sure the connected product model is displayed after the "USB Serial Port/" prefix.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

4. Right-click on the "USB Serial Port/****" and click "Uninstall device" to delete.

5. Put a check in the box for "Delete the driver software for this device", then click "Uninstall" to continue.
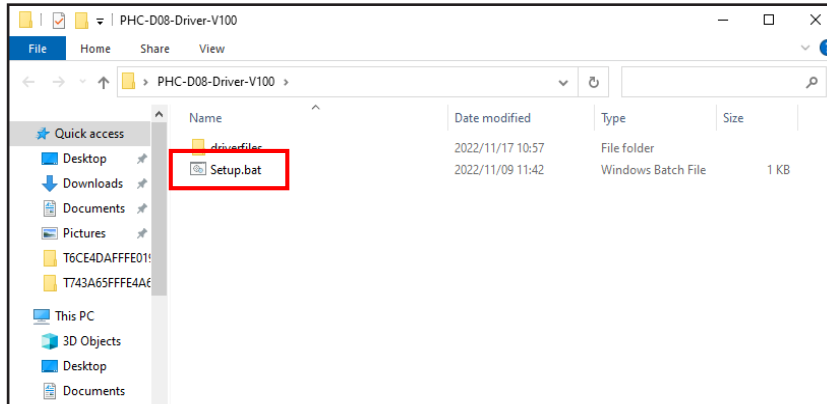

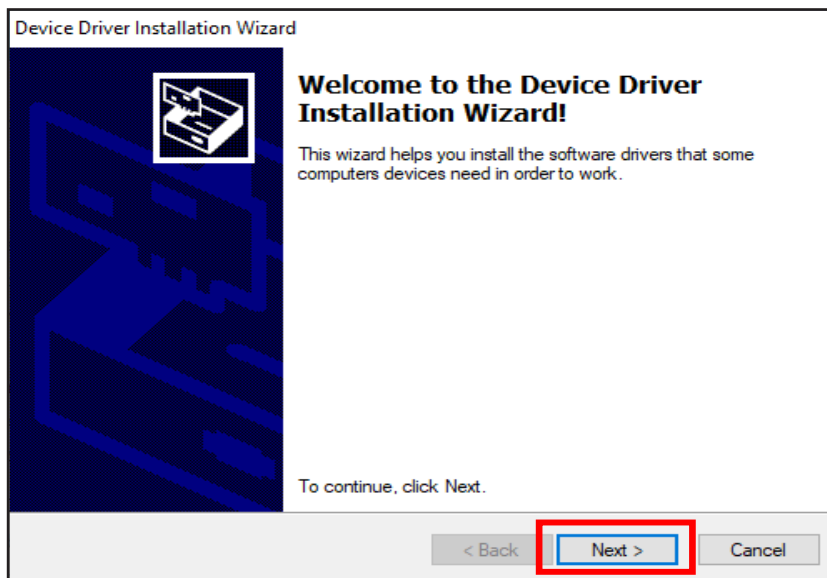**Driver Uninstallation is completed.**
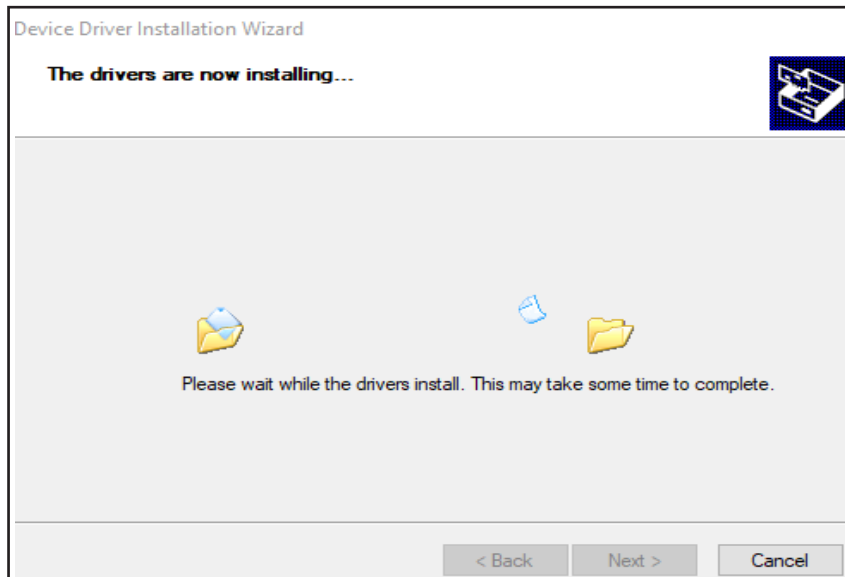
1. Driver Installation

1. Download and extract the "Setup.bat" file in an arbitrary folder, such as "My Document", and double-click the file.
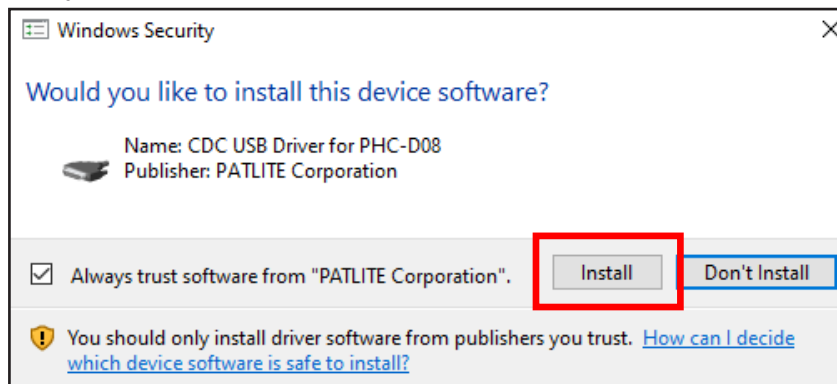

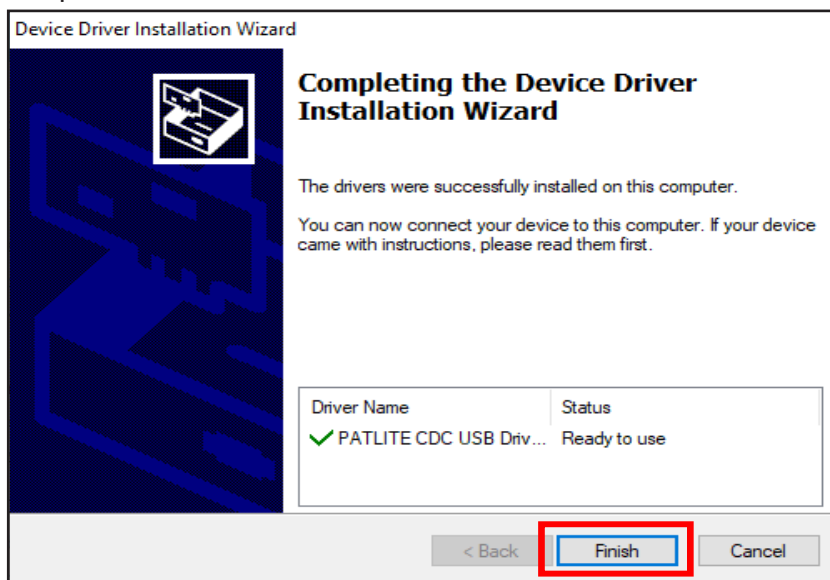2. Click "Next" to continue.

3. The driver installation is started with an Installation Wizard.

4. If a Windows Security window is prompted, click "Install" to continue.

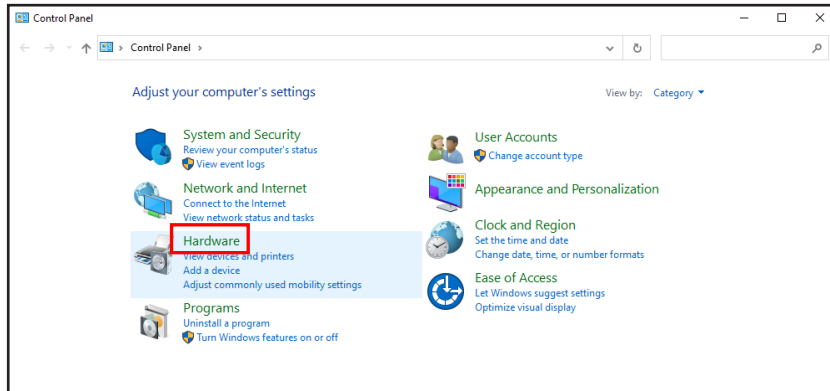5. Click "Finish" to complete the installation.

The driver installation is completed.

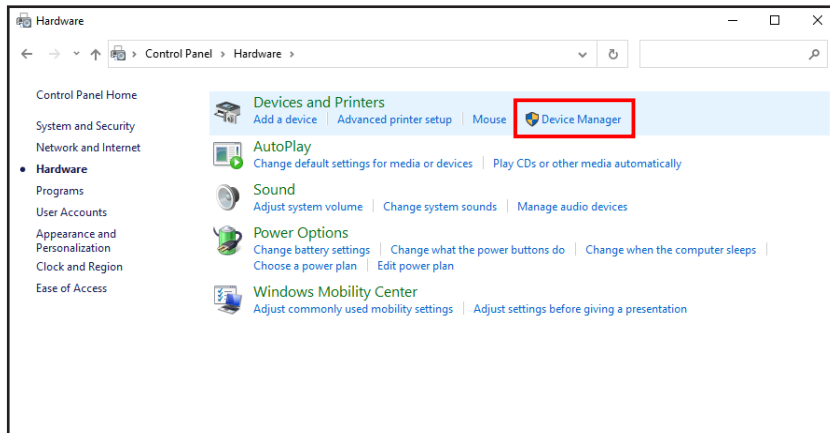By installing this driver, the USB port is managed as a virtual COM port, therefore can be controlled the same as an RS-232C port.

1. Connect a personal computer to this product with a USB cable.
    Connection to the device will be set up automatically.

2. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")
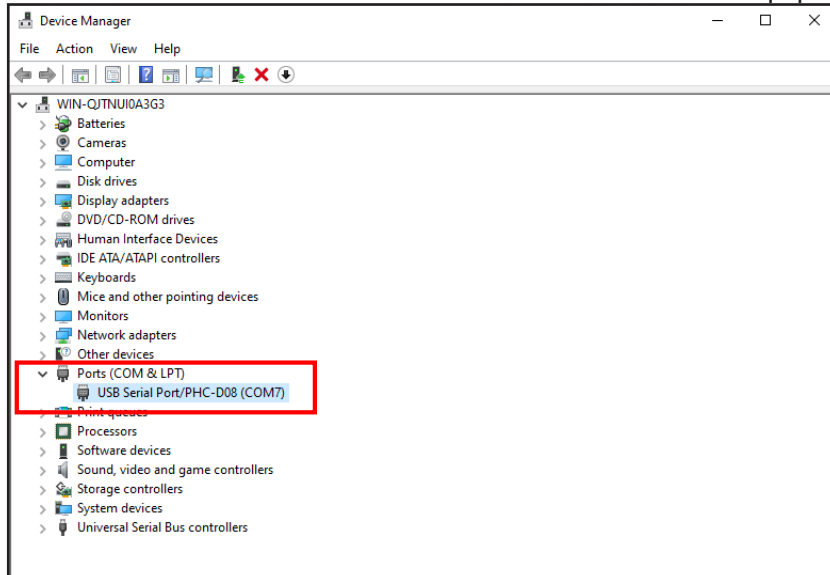

3. Click the "Device Manager" under the "Devices and Printers" section.

4. In the Ports (COM and LPT), the "USB Serial Port/PHC-D08 (COM*)" should be displayed.
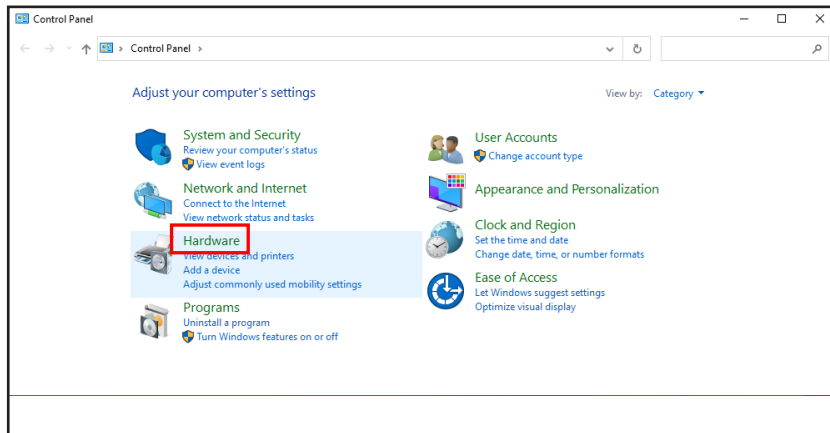   (For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)
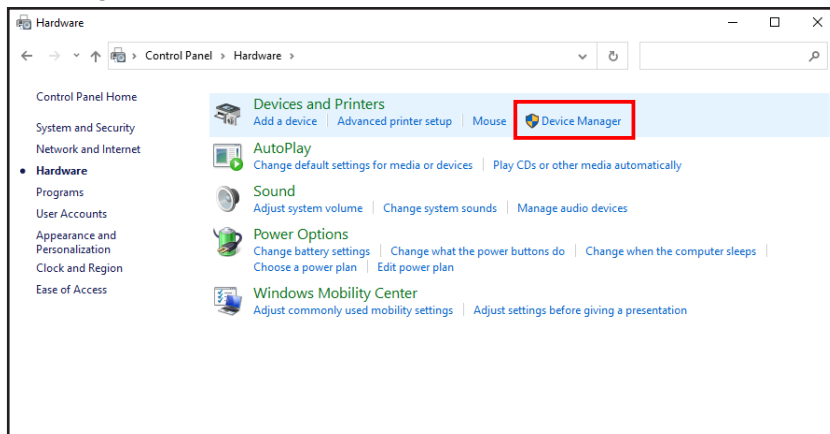* The "(COM*)" is the number to use at the end of the command to control the equipment.

Connection of the product is complete.

1. Click "Hardware" in the "Control Panel" when connecting the equipment. (View the Control Panel as a "category")

2. Click the "Device Manager" under the "Devices and Printers" section.
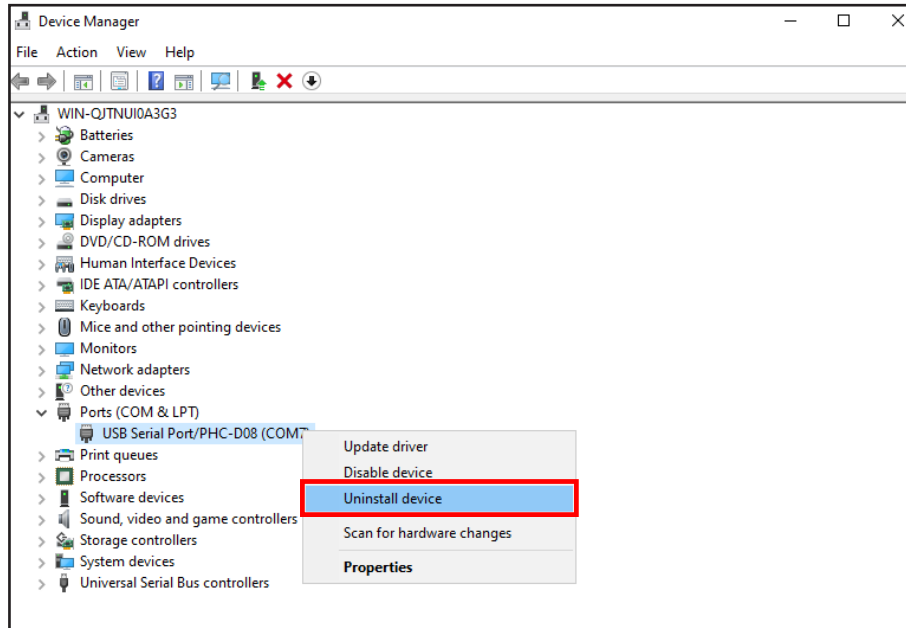

3. Check that the "USB Serial Port/PHC-D08 (COM*)" is displayed.

* Make sure the connected product model is displayed after the "USB Serial Port/" prefix.
(For the PHE-3FB2,PHE-3FB3 Model, "USB Serial Port/PHE-3FB2 (COM*)" should be displayed)

4. Right-click on the "USB Serial Port/****" and click "Uninstall device" to delete.

5. Put a check in the box for "Delete the driver software for this device", then click "Uninstall" to continue.

Driver Uninstallation is completed.

PATLITE Corporation

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