USB Downloader (LN-101)
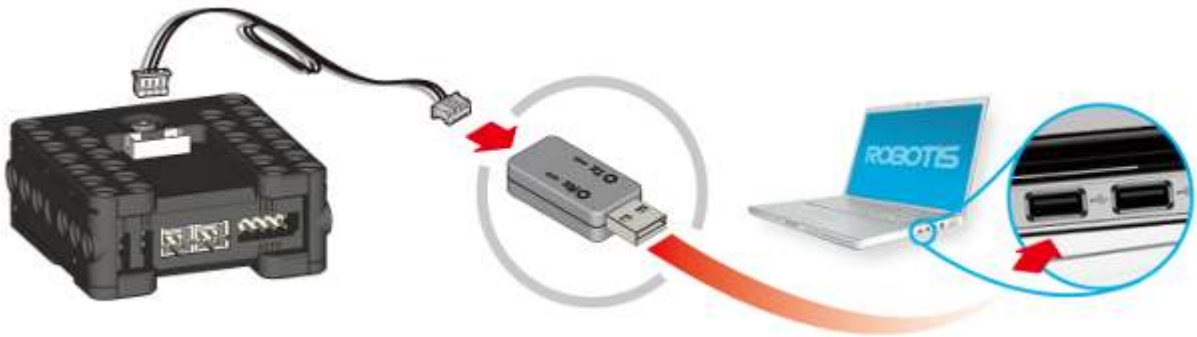
Part Photo

[LN101]

Product Usage

USB Downloader is used to connect the USB port of PC and the 4-pin port of the controller through serial communication.

[The picture showing the connection of LN-101 and CM-100]

[The picture showing the connection of LN-101 and CM-700]

[Usage of Serial Communication]

- Download Task code written in PC using the controller
- Print out the result of task code execution on the screen of PC
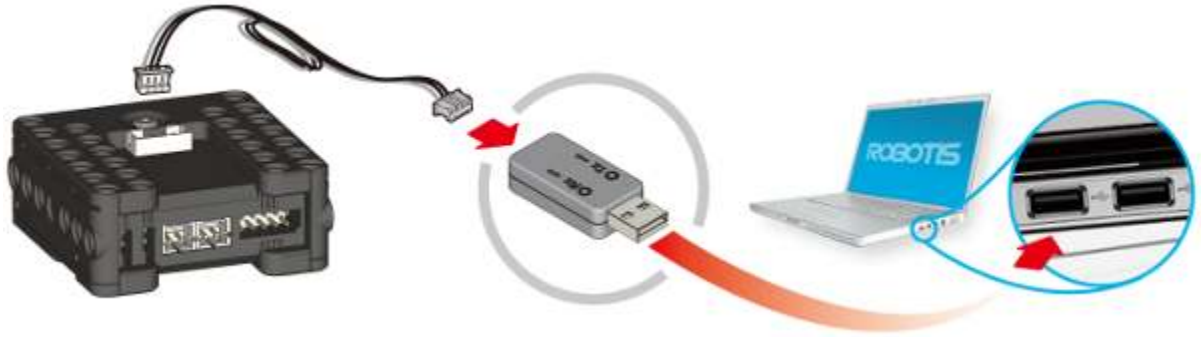- Virtual robot control of RoboPlus

[Available Controller]

- CM-100

How to Check the Driver Installation

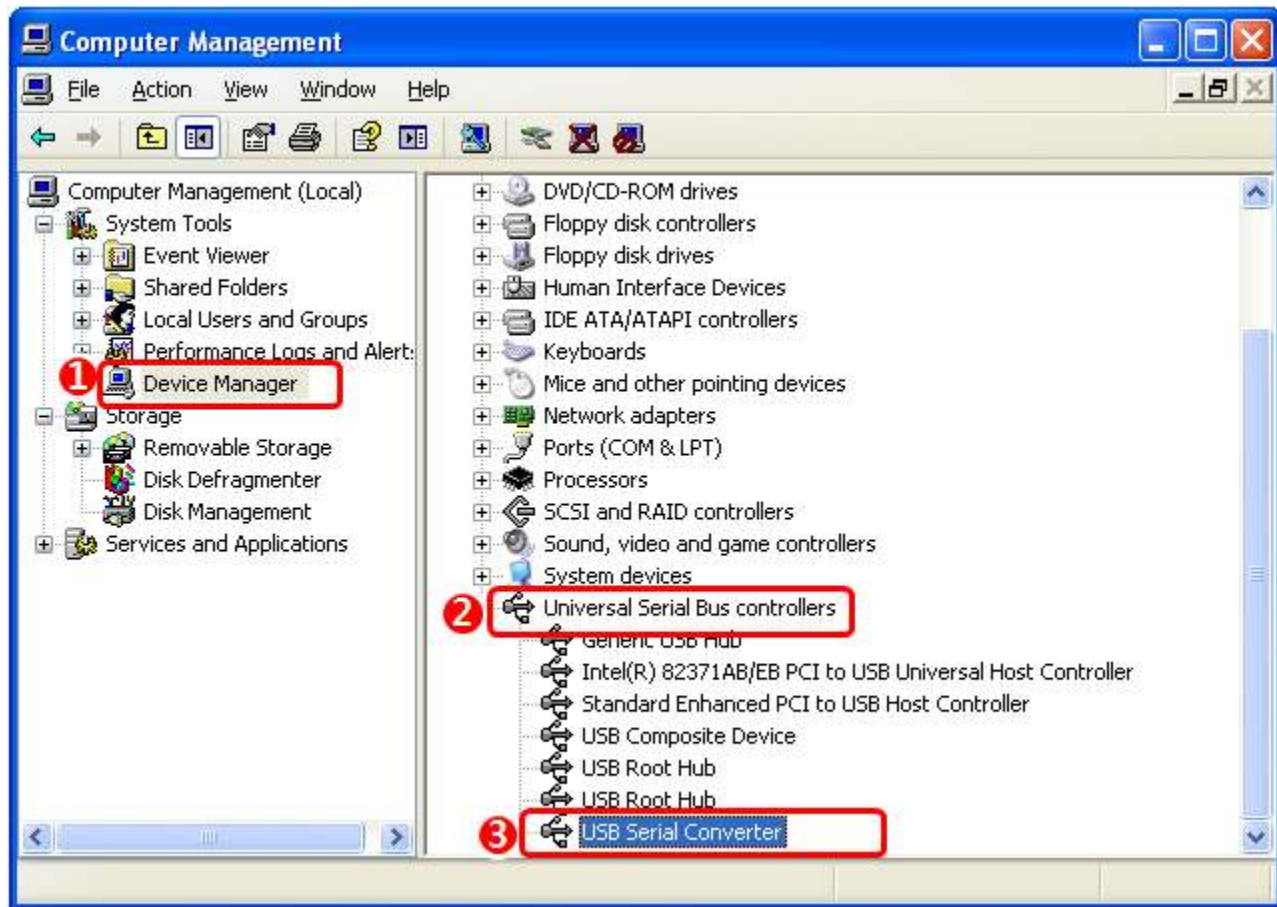How to check whether the USB downloader(LN-101) driver is installed correctly is as follows.

1. **Connect USB Downloader (LN-101)** to the **USB Port** of PC.

2. Select **Manage** in the **popped-up menu** shown by **right-clicking My Computer**.
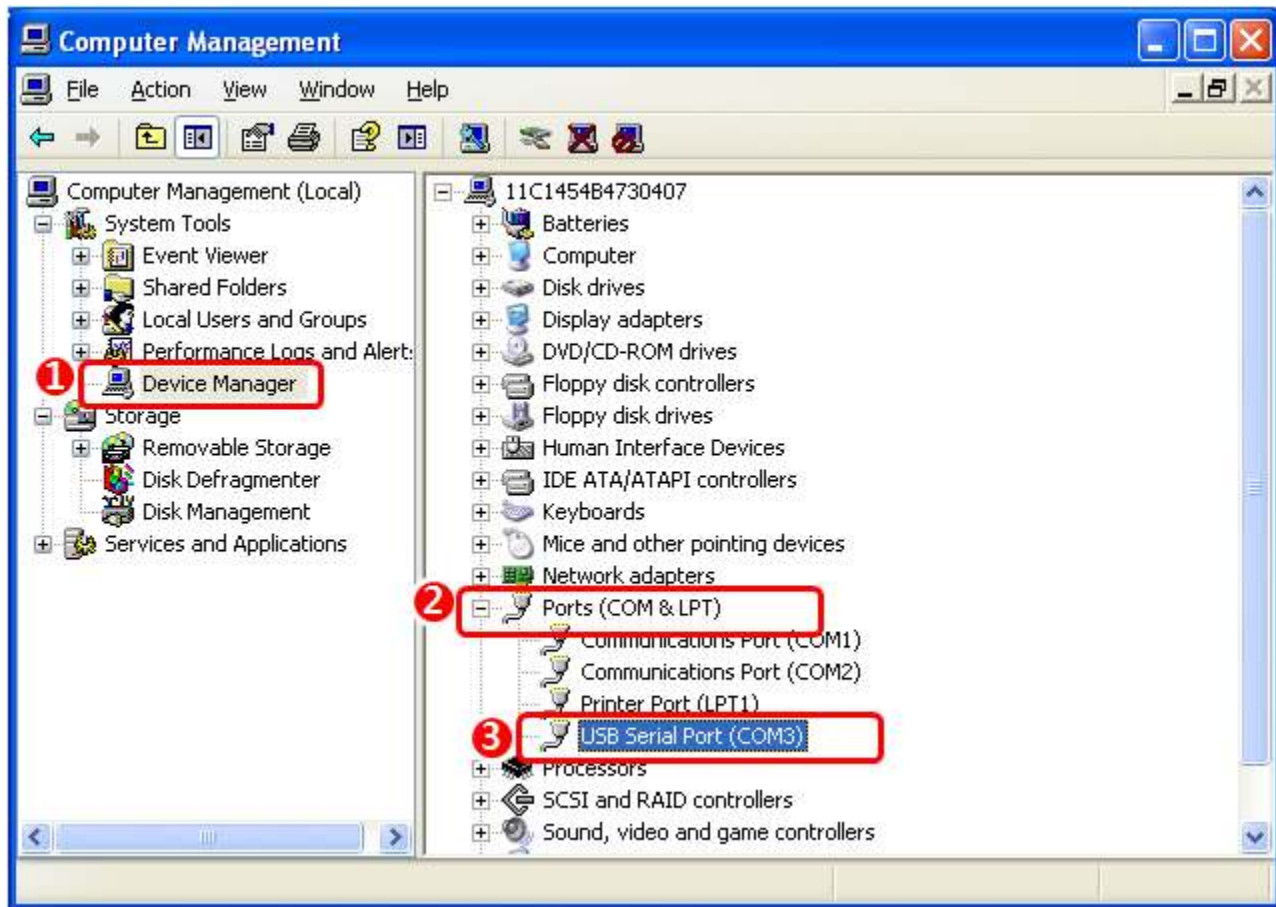
3. Check **USB Serial Converter** in **Universal Serial Bus Controllers** of **Device Manager**.

4. Check **USB Serial Port(COMx)** in the list of **Ports (COM & LPT)**.

(COM Port number may vary depending on each system.)

`

Installing the Driver Manually

> If you install the RoboPlus, FTDI Driver (USB2Dynamixel, USB Downloader (LN-101) driver) is installed
> together automatically.
> If you didn't install the RoboPlus yet, or if the driver is not installed appropriately, please install it manually
> according to following procedures.

1. Connect a device to PC. If the driver is not installed yet, **Found New Hardware Wizard** will be
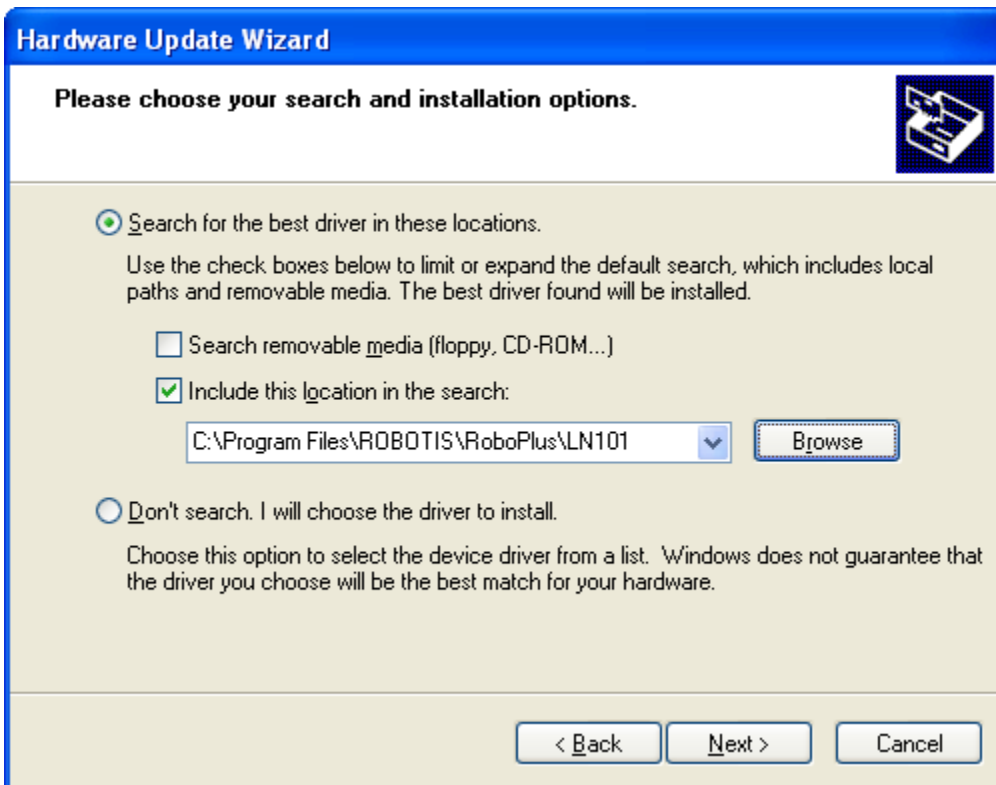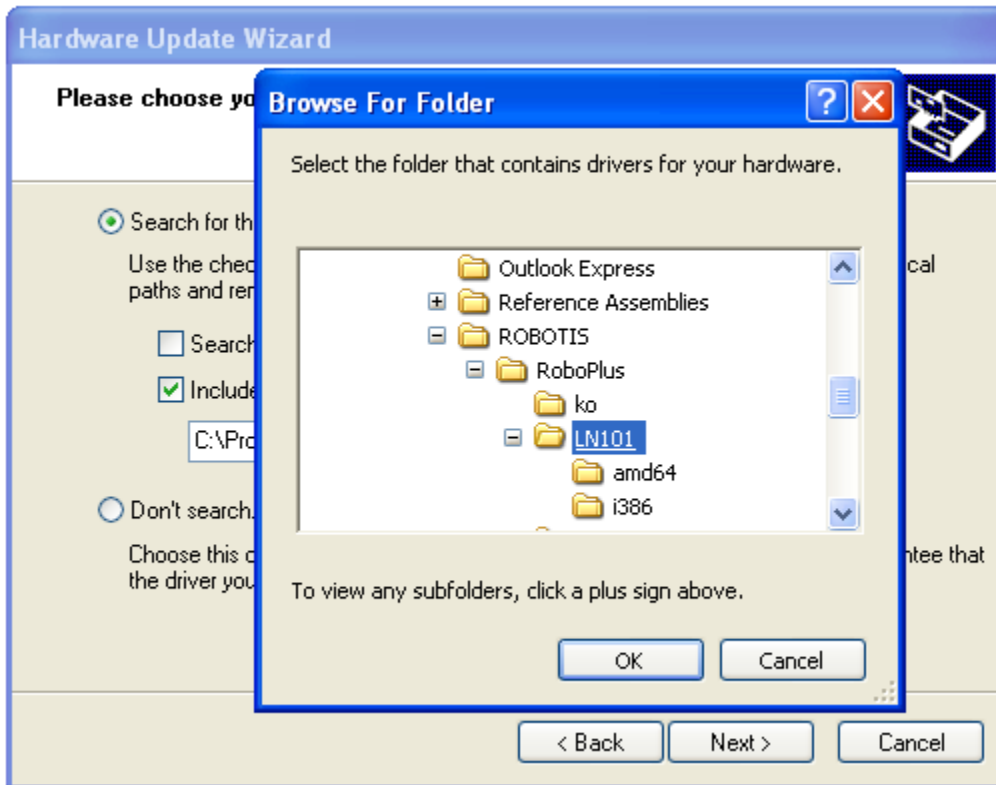popped up.

Install from a list or specific location (Advanced)(S) -> Next(N)
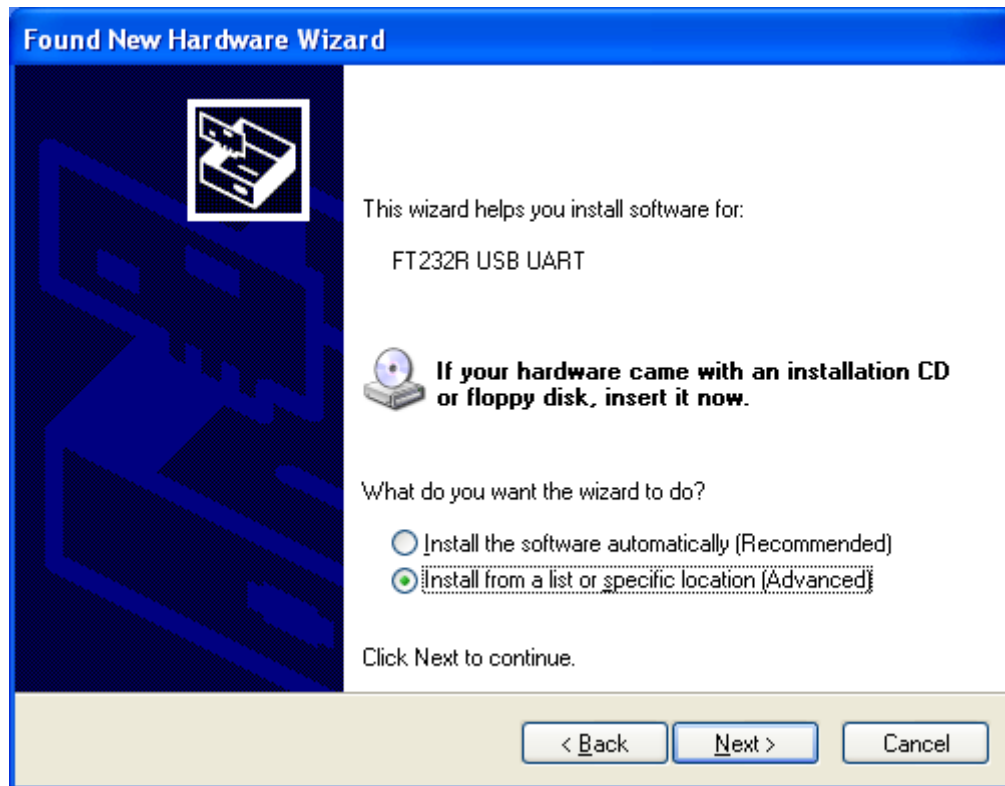

2. **Decide the location of Driver.**

   If RoboPlus S/W has been installed automatically, the driver is in LN101 folder of RoboPlus

   Installation folder.

   Or if you want to install the newest version, download the newest version VCP driver from FTDI

   Driver Download page.

Hardware Update Wizard

Please choose yo

Browse For Folder

Select the folder that contains drivers for your hardware.

- 📁 Outlook Express
- ⊞ 📁 Reference Assemblies
- ⊟ 📁 ROBOTIS
  - ⊟ 📁 RoboPlus
    - 📁 ko
    - ⊟ 📁 **LN101**
      - 📁 amd64
      - 📁 i386

To view any subfolders, click a plus sign above.

[OK]   [Cancel]

⊙ Search for th

Use the chec
paths and rer

☐ Search

☑ Include

C:\Pro

○ Don't search.

Choose this c
the driver you

[< Back]   [Next >]   [Cancel]

Hardware Update Wizard

Please choose your search and installation options.

⊙ Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.

☐ Search removable media (floppy, CD-ROM...)

☑ Include this location in the search:

C:\Program Files\ROBOTIS\RoboPlus\LN101   [Browse]

○ Don't search. I will choose the driver to install.

Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

[< Back]   [Next >]   [Cancel]

3. Click the **Next(N)** button to start the installation. Installation of **USB Serial Converter** driver is completed.
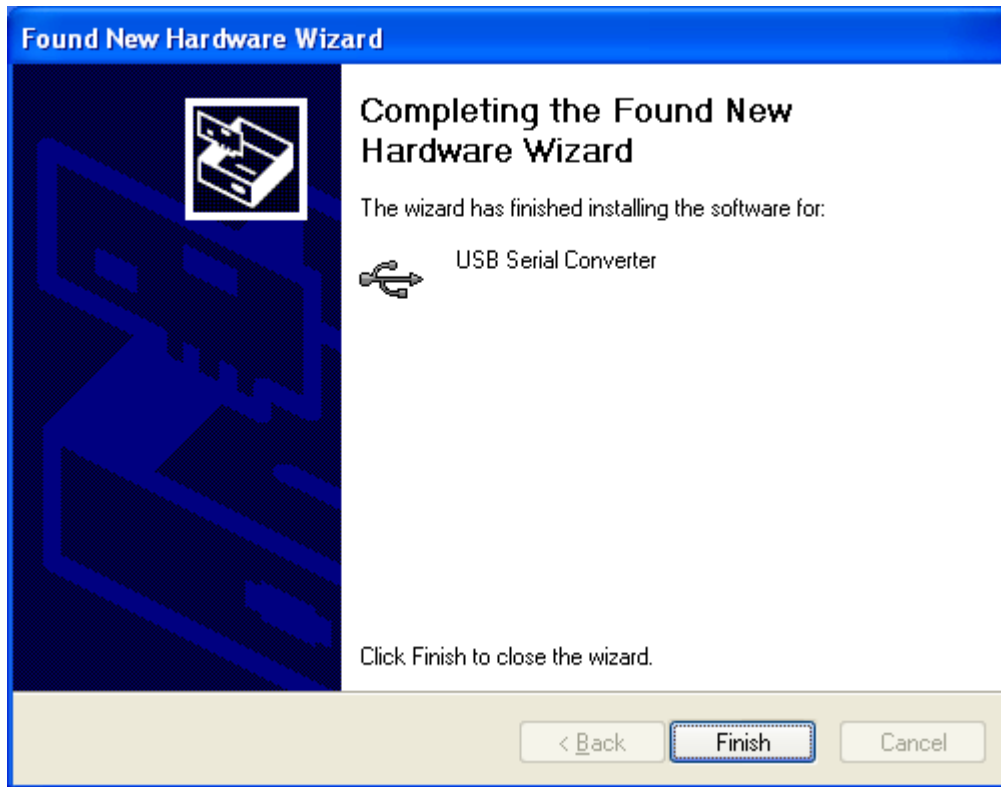
4. Install the **USB Serial Port** driver in the same way.